

## easyPRIMA

### System Description

Version 1.12.0

2025-07-24

SEAL Systems

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# 1 Introduction

.....  
 This documentation describes easyPRIMA, a web application, with the help of which you may manage queues in different systems. It includes setup, use, management and maintenance of easyPRIMA.

purpose

.....  
 This documentation is intended for administrators.

target group

.....  
 This chapter deals with the following topics:

in this chapter

Topic	Page
Conventions in this Documentation	10
Activate the Retrace of your Viewing Path in PDF	11
Overview of Contents	12

.....

## Conventions in this Documentation

path specifica-  
tion

.....

The path information given in this documentation is relative to the installation directory of easyPRIMA. The path information is indicated in Windows notation only in most cases. This corresponds to the UNIX directory structures unless noted otherwise.

.....

typography

.....

The following table lists the typographical conventions employed in this documentation.

<b>Typographical Convention</b>	<b>Meaning</b>
Consolas	File names, paths, commands, menu items, keywords, special values, short scripts and examples
<i>Consolas italic</i>	Parameters, i. e. variables you have to replace by current values
Consolas small	More extensive scripts and examples

.....

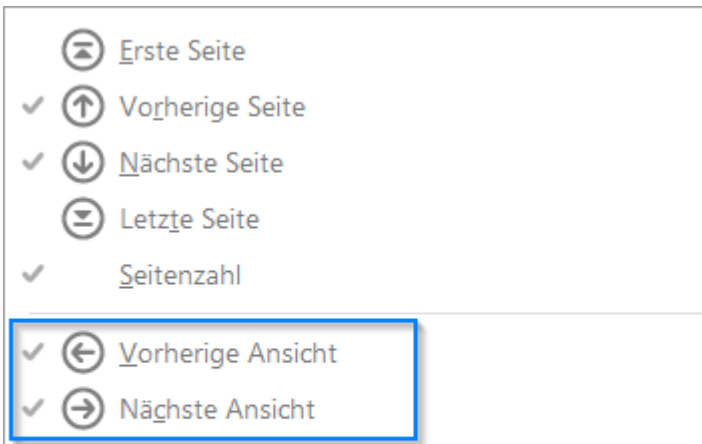
## Activate the Retrace of your Viewing Path in PDF

Adobe Reader provides buttons to retrace your viewing path of PDF pages that you viewed earlier. This makes reading easier and helps to keep the central theme.

description

This is how you activate the buttons for retracing your viewing path in the PDF documentation as of Adobe Reader 10:

instructions

Step	Action
1	<p>Activate the following options via the menu:</p> <p>View - Show/Hide - Toolbar Items - Page Navigation Show Tools</p> <ul style="list-style-type: none"> <li>• Previous View: activate</li> <li>• Next View: activate</li> </ul>  <p>Alle Seitennavigation Werkzeuge einblenden</p>

Adobe Reader offers the following buttons to allow you jumping forward and backward in the document while showing pages you viewed in the reverse order that you viewed them:

result



## Overview of Contents

Structure

.....  
This documentation has two parts: a description and a reference. The first part describes the functionality, the installation and the maintenance by means of figures, step-by-step-procedures and explanatory texts. The second part serves as a detailed reference guide, containing configuration settings, keywords etcetera.  
.....

description, part  
1

.....  
The description deals with the following topics:  
Kapitel 2, *Functionality*, Seite 17, shortly describes the functional range that easyPRIMA offers.  
Kapitel 3, *System Structure of easyPRIMA*, Seite 18, outlines the components, easyPRIMA consist of.  
Kapitel 4, *System Requirements*, Seite 20, lists the necessary system requirements.  
Kapitel 5, *Prepare the Systems*, Seite 24, illustrates the required operations to prepare the different systems for the maintenance via easyPRIMA.  
Kapitel 12, *Queue Data*, Seite 99, describes how you install easyPRIMA.  
Kapitel 7, *Start/End*, Seite 37, describes how you start and stop easyPRIMA.  
Kapitel 12, *Queue Data*, Seite 99 describes the configuration for authentication via OIDC provider.  
Kapitel 12, *Queue Data*, Seite 99, describes the handling of the data that you may or have to enter in easyPRIMA besides the queue data.  
Kapitel 12, *Queue Data*, Seite 99, describes how you need to assign the components to each other in order to enable easyPRIMA to manage and distribute the queue configurations correctly.  
Kapitel 12, *Queue Data*, Seite 99, describes the handling of the queue templates.  
Kapitel 12, *Queue Data*, Seite 99, describes the handling of the queue data.  
Kapitel 13, *Importing Queues*, Seite 123, describes how you import queues from a system into easyPRIMA.  
Kapitel 14, *Export Queues*, Seite 136, describes how you export queues from easyPRIMA to systems.  
Kapitel 15, *Managing Queues*, Seite 148, describes how you manage queues in easyPRIMA.  
Kapitel 16, *Access Control*, Seite 160, provides an overview of the privileges used by easyPRIMA.  
.....

*To be continued*

## Overview of Contents, Continuation

.....  
 Kapitel 18, *Backup*, Seite 179, deals with the log files.

description, part  
2

Kapitel 18, *Backup*, Seite 179, deals with the manual backup.

Kapitel 19, *Tips and Tricks*, Seite 184, provides help about various topics.

.....

The reference contains the following chapters:

Reference

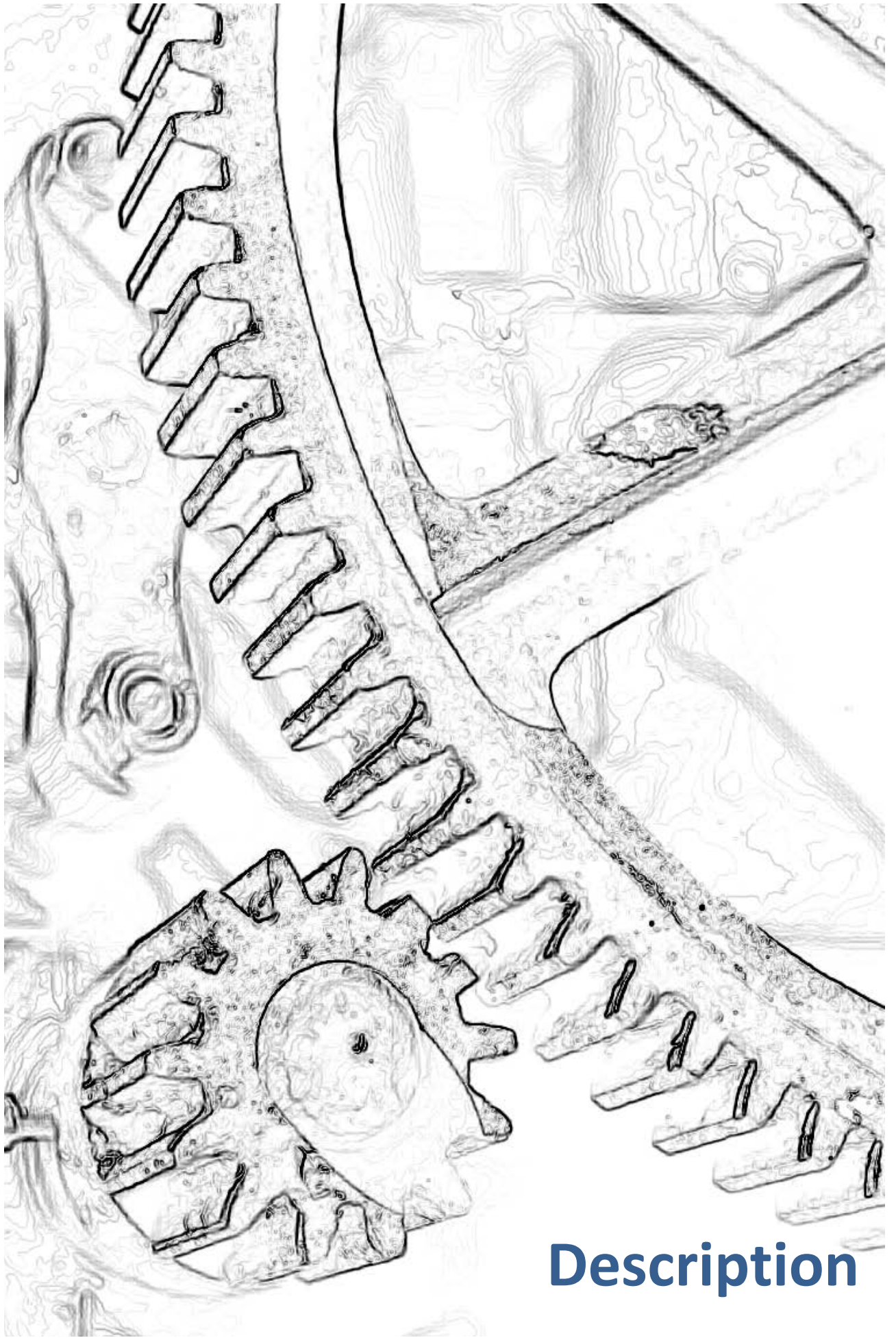
- Kapitel 20, *Parameters - Reference*, Seite 195, containing a description of the available data and their meaning
  - Kapitel 21, *Configuration Parameters - Reference*, Seite 243, containing a description of the available configuration parameters and their meaning
  - Kapitel 22, *Scripts - Reference*, Seite 345, containing a description of the available scripts and their parameters
  - Kapitel 23, *Windows Printing*, Seite 384, containing a description of the scripts required for Windows printers and their parameters
- .....

At the end of the documentation, a bibliography, terminology list, abbreviation list, and index are included.

.....

directories





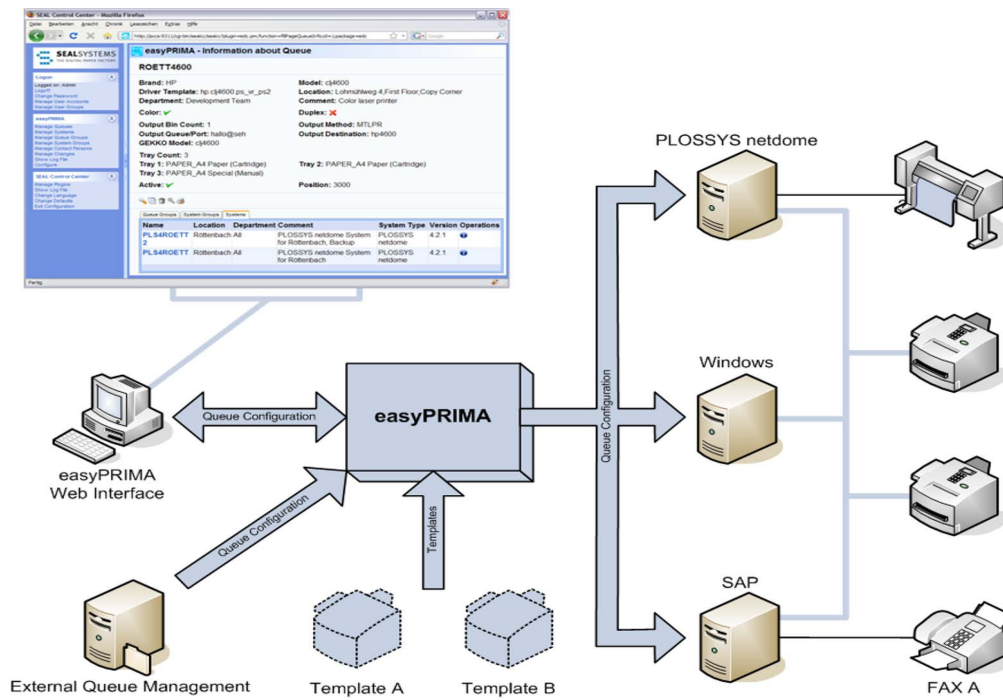
**Description**



## 2 Functionality

Easy Printer Management, short easyPRIMA, offers the possibility to centrally manage output queues of different systems. Thereby the queues may be real output devices or virtual ones, for example the output in PDF format. The parameters of the queues are recorded in easyPRIMA in a system-independent way in a database and merged with the system-specific parameters when being exported to the particular systems.

description



The standardized, central management of the output queues simplifies the management especially of large output management systems:

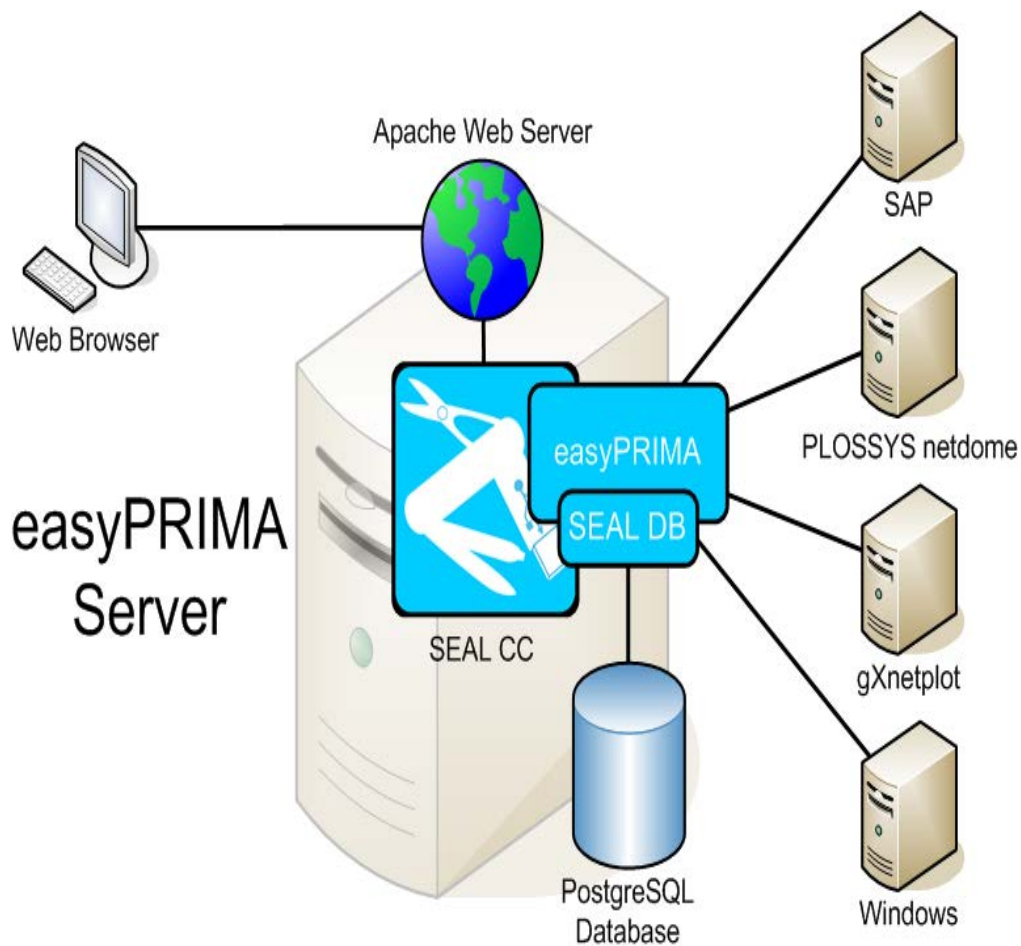
advantages

- Queues that need to be setup in several systems, need only be setup once.
- Configuration changes of queues that are used in several systems, have to be made only once.
- Queues may be setup and managed without the specific details of the separate systems having to be considered.

### 3 System Structure of easyPRIMA

description

easyPRIMA consists of several components, which all have to be installed on the server. On the client you only need a web browser.



*To be continued*

## System Structure of easyPRIMA, Continuation

The following table gives an overview of the separate components and their tasks:

Component	Description
PostgreSQL database (server)	Saves the data.
SEAL DB (server)	Database interface, which defines the data format and contains the libraries for querying the database.
easyPRIMA batch scripts (server)	Contain the application logic for importing and exporting the queues.
easyPRIMA Web interface (plug-in) (server)	CGI scripts, which build the graphic user interface of easyPRIMA. It is integrated in SEAL CC as a plug-in.  easyPRIMA Batch scripts and easyPRIMA Web Interface form the actual easyPRIMA application.
SEAL CC (server)	CGI scripts, which provide a framework that serves as environment for easyPRIMA and other applications.
Apache Web Server (server)	Processes the scripts required by the web browser on the client and sends the result to the web browser.
web browser (client)	The user calls SEAL CC in his web browser and the easyPRIMA web interface integrated in it. With the graphic user interface he is able to manage his devices in the different systems.

## 4 System Requirements

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in this chapter

.....  
This chapter deals with the following topics:

Topic	Page
Supported Systems	21
Peculiarities of Systems	22
requirements of the client	23

---

## Supported Systems


---

.....  
The following systems are supported by easyPRIMA:

- PLOSSYS Output Engine
- PLOSSYS netdome as of version Version 4.6.0
- SAP Business Suite (ECC 6.0)
- S/4HANA on premise (all versions)
- Windows print server as of version 2012 R2

supported systems

You may use easyPRIMA for several systems of the same type, for example different SAP systems, as well as for systems of a different type, for example SAP and PLOSSYS netdome.

 hint - homogeneity of the systems

.....  
easyPRIMA 1.11.0 requires Perl version 5.38.2.

Perl version

Previous Perl versions cause problems when exporting queues.  
.....

## Peculiarities of Systems


SAP systems

.....  
If easyPRIMA is supposed to setup and administrate printers on an SAP system, or to import printers from an SAP system, the following requirements need to be complied with:

- Core Base ab Version 1.3.8 (for the reasons of the changing to JAVA RFC)
- .....

Windows systems

If easyPRIMA is supposed to setup and administrate printers on a Windows system, or to import printers from a Windows system, easyPRIMA has to be installed on a Windows system, too.

 **Caution** - Windows 2008 or later

On Windows 2008 R2 Windows printers can only be set up on a Windows print server, if either the user management is deactivated or Windows print server and easyPRIMA are installed on different servers.

supported Windows drivers

The following Windows drivers are supported by easyPRIMA:

- Windows 7 driver and later
- .....

performance - server

To provide a performance as good as possible you should let a virus scanner check the installation directory on the server only regularly in a large time interval. A check of every single file access is not necessary.

Unicode

.....  
easyPRIMA is Unicode-enabled. Anyway you have to make sure that the systems, which easyPRIMA is supposed to export to, are Unicode-enabled as well. If a target system is not Unicode-enabled, the data of the queues that are supposed to be exported to it, must not contain Unicode characters.  
.....

# requirements of the client

.....  
On the client a web browser has to be installed. The easyPRIMA web interface is optimized for any current version of:

- Mozilla Firefox
- Google Chromium
- Edge Chrome

The parallel use of several tabs in the Web browser is not supported.

requirements of the client

.....

## 5 Prepare the Systems

---

in this chapter

This chapter deals with the following topics:

Topic	Page
System-independent Preparations	25
Prepare PLOSSYS netdome Systems	26
Prepare SAP Systems	27
Prepare Windows Systems	33

---

## 5.1 System-independent Preparations

.....  
The preparations described in the following are required independent of the system. description


.....  
The firewall of the client, from which the export is supposed to be started, has to allow the connection to the separate systems. If necessary register the connection, for example the kNet port number of PLOSSYS netdome, as an exception. firewall on the client

The firewall of the server, on which the target system is located, has to grant easyPRIMA the access. If necessary register the connection as an exception. firewall on the server

.....  
easyPRIMA uses the following environment variable: environment variables

SEAL\_CUSTOMDIR:  
SEAL\_CUSTOMDIR defines the directory, in which the customer-specific CSV file is stored. If in the specified directory a CSV file is stored, this will be used for importing the queue templates.

.....  
If you use an OpenID Connect provider for authentication, e. g. Keycloak, you need to setup this first and register easyPRIMA as a client there. OpenID Connect

You will find information about installing Keycloak and setting up the clients in the online documentation:  reference

→ <https://seal-oidc.docs.sealsystems.de/>


## 5.2 Prepare PLOSSYS netdome Systems

description


The preparations described in the following are required for PLOSSYS netdome systems.

modify a PLOSSYS netdome environment

If you modify an already existing PLOSSYS netdome environment to being administered by easyPRIMA, in the different systems you have to save all queue templates and PLOSSYS netdome printer driver files, which differ from the default files, and to enter them in easyPRIMA as customer-specific queue templates. This concerns all files belonging to the queue templates and all PLOSSYS netdome printer driver files. This includes the output scripts, Print-to-PLOSSYS specific printer configuration files, DB files, printer configuration files independent of whether they contain customer-specific changes or not. All these files will be overwritten in the target systems during the export, as easyPRIMA is regarded as the leading systems, in which all queues are administered.

 **Caution** - customer-specific changes

If you need customer-specific changes in these files, you have to do them at a central location in easyPRIMA and not at all in the separate PLOSSYS netdome systems.

 hint - different setting for the same templates

If in different PLOSSYS netdome systems you wish to use different settings for a specific file, you have to use different templates with different names in easyPRIMA as well. You have to provide the template files in the appropriate directory and import them later in easyPRIMA, see *Import Queue Templates*, Seite 87.

modify a Print-to-PLOSSYS environment

If you modify a Print-to-PLOSSYS environment to being administered by easyPRIMA, you have to save all Print-to-PLOSSYS-specific device configuration files and enter them in easyPRIMA as customer-specific queue templates, see *Import Queue Templates*, Seite 87.

If you need customer-specific changes in these files, you have to do them at a central location in easyPRIMA and not at all in the files in the Print-to-PLOSSYS directory structure. The changes will be saved in the appropriate directory of Print-to-PLOSSYS, when the queues are exported from easyPRIMA.

## 5.3 Prepare SAP Systems

---

The following preparations have to be made for SAP systems:

instructions

Step	Action
1	Check the RFC user for the necessary authorizations. → <i>Required Authorizations</i> , Seite 28
2	On the SAP system, make sure that the import/export function is activated: → <i>Activate the Default Configuration</i> , Seite 31 → <i>Activate the Import/Export Function</i> , Seite 32
3	On the SAP system, ensure that you have imported the following version: Core Base 1.0.4.20 or newer

---

## Required Authorizations

required authorizations


.....  
The following authorizations must be assigned for easyPRIMA:

- Authorization RFC calls
- .....

example role

SEAL Systems delivers example roles with the required authorizations without restriction. For easyPRIMA, the composite role /seal/role\_ext is relevant, containing the following single roles:

- /seal/role\_ext\_rfc
  - /seal/role\_ext\_xmi
  - /seal/role\_ext\_xom
- .....

 further information

[SAP\_AUTH\_TEC] describes the general authorizations required for SEAL Systems applications and their installations on SAP. You can use the roles and the authorization profiles listed there and provided by SEAL Systems as templates for customizations.

.....

use example role

This is how you use the example role:

Step	Action
1	→ <i>Customize the Example Role, Seite 29</i>
2	→ <i>Assign a Role, Seite 30</i>

.....

## Customize the Example Role


.....  
These steps are only required if you want to assign a role with restricted authorizations but not the example role without restrictions to the system user who is used for easyPRIMA.

required if

.....  
You have loaded the role via `_seal_role_ext.sap` into the SAP system.

Requirement

[SAP\_AUTH\_TEC] describes how to load roles.

 further information

.....  
This is how you adapt the example roles for easyPRIMA:

instructions

Step	Action
1	Start the <code>pfcg</code> transaction.
2	Select the <code>/seal/role_ext</code> role and copy it.
3	Customize the copied role in the Authorizations tab with: Change Authorization Data
4	Save and generate the role.

## Assign a Role

description

.....  
The example role or the modified role will be assigned to the system user who is used for easyPRIMA.  
.....

instructions

.....  
This is how you assign the role to the system user for easyPRIMA:  
.....

Step	Action
1	Start the su01 transaction.
2	Select a user who is specified at CadRfcUser in the following file on the OMS: server/sapserv/bin_%PLS_OSFULLNAME%/cadrfc.ini
3	Switch to the Role tab.
4	Enter the desired role.



hint

.....  
The authorizations specified for a user can be displayed with the su56 transaction.  
.....

## Activate the Default Configuration

SEAL Systems delivers the defaults as BC Sets (Business Configuration Set). The following authorizations are required to use the BC Sets:

Requirement

- SCPR20 - Activation of BC Sets
- SCPR3 - Maintenance of BC Sets, if required






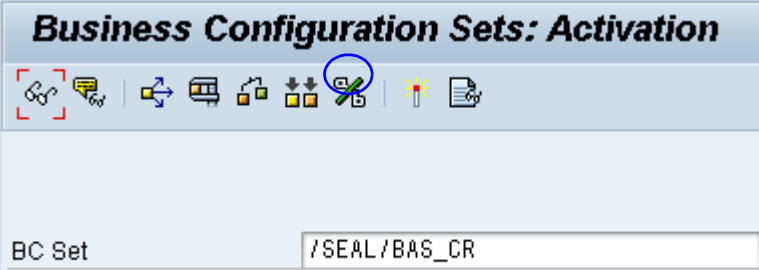
The following BC Sets are available for easyPRIMA:

BC Set - overview

- SEAL Basis

This is how you activate the default configurations:

instructions

Step	Action
1	Start the /seal/img transaction.
2	<p>Click  at Basis Configuration →Activate the Default Configuration (BC Set)</p> <p> Hint - alternative: Start the scpr20 transaction with Bus. Conf. Set: /seal/bas_cr</p>
3	Check the provided defaults with  or compare them with the configuration already existent because of previous installations with  .
4	<p>Activate the desired BC Set via  in the initial installation or if you wish to explicitly accept the new defaults:</p> 

## Activate the Import/Export Function

required if


The configuration settings described here are automatically registered if you activate the SEAL Basis (/seal/bas\_cr) BC Set.

→ *Activate the Default Configuration, Seite 31*

These steps are necessary only if you wish to check or adjust the current settings.

instructions

This is how you activate the import/export function:

Step	Action												
1	Start the /seal/img transaction.												
2	Click  at Basis Configuration ® Define RFC Calls (/seal/bas_cr040 table)												
3	Specify: <ul style="list-style-type: none"> <li>• Process Code: 1</li> <li>• Function Number: OMSCFG</li> <li>• Program Name: /seal/oms_cr_cfg_xom_rfc_fct</li> <li>• Form Routine: %sap-function%</li> </ul> <table border="1"> <thead> <tr> <th colspan="4">Userfunctions</th> </tr> <tr> <th>Process C...</th> <th>Function N...</th> <th>Program Name</th> <th>Form Routine</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>OMSCFG</td> <td>/SEAL/OMS_CR_CFG_XOM_RFC_FCT</td> <td>%SAP-FUNCTION%</td> </tr> </tbody> </table>	Userfunctions				Process C...	Function N...	Program Name	Form Routine	1	OMSCFG	/SEAL/OMS_CR_CFG_XOM_RFC_FCT	%SAP-FUNCTION%
Userfunctions													
Process C...	Function N...	Program Name	Form Routine										
1	OMSCFG	/SEAL/OMS_CR_CFG_XOM_RFC_FCT	%SAP-FUNCTION%										

## 5.4 Prepare Windows Systems

.....  
The preparations described in the following are required for Windows systems.  
.....

description


If easyPRIMA is supposed to install and administer printers on a remote Windows Print Server, you have to have installed the appropriate Windows printer drivers in this system before the first export process is started. Usually this concerns the PostScript driver of SEAL Systems, which is part of Windows Integration.

Windows print server

Here the following has to be considered:

Step	Action
1	As of Windows Vista the common installation via MSI is not sufficient. The driver has to be installed subsequently via the printer management dialog of the operating system, otherwise easyPRIMA is not able to access the driver correctly via WMI.
2	Check the setting of the following key in the Windows registry: HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\Lsa:forceguest  Enter the value 0, so that easyPRIMA can access the driver via WMI.

.....  
As of Windows 2008 R2 in the printer management dialog of the operating system all printers, which use the same printer port, are displayed with one symbol, although they can be addressed as separate devices at the output. As usually all printers installed by easyPRIMA use the port monitor of SEAL Systems as printer port, they will be displayed with one symbol as well.  
.....

 hint - printer icon

## 6 Install easyPRIMA

---

in this chapter

This chapter deals with the following topics:

Topic	Page
Install easyPRIMA	35
Adjusting the easyPRIMA Configuration	36

---


## Install easyPRIMA

→ *Prepare the Systems*, Seite 24

Requirement


If you install easyPRIMA under Windows, SEALService has to be installed.

Installation and configuration of SEALService are described in [SEALSERV\_TEC].

 further information

This is how you install easyPRIMA:

instructions

Step	Action
1	<p>Open your web browser and log on to the SEAL Systems delivery platform with your logon data:</p> <p>→ <a href="https://delivery.sealsystems.de">https://delivery.sealsystems.de</a></p> <p> Hint - logon data:</p> <p>You receive your logon data from your Technical Project Manager at SEAL Systems.</p>
2	Download the current easyPRIMA OCON package. The file is saved as zip file.
3	Unpack the downloaded zip file.
4	Start the sealsetup.exe installation program and follow the instructions.

## Adjusting the easyPRIMA Configuration

required if

easyPRIMA is installed with a standard configuration you may use without configuration changes. However, adjustments of the configuration parameters may be helpful in the following cases:

- You wish to import queue configurations consecutively from different systems.
- A queue is to be accessed by systems of a different type, which need different queue parameters depending on the system. When importing a queue from a system you may add the system-specific queue parameters of the other systems automatically by defining appropriate mapping rules.
- easyPRIMA is to try to directly contact network printers and retrieve their current device configuration, when importing queues.

If you wish to change the configuration, your Technical Project Manager at SEAL Systems will be pleased to support you.


Requirement

→ *Start easyPRIMA*, Seite 38

instructions

This is how you make configuration changes:

Step	Action
1	Open the command prompt or shell of easyPRIMA.
2	Switch to the directory: <pre>\server\edc\conf</pre>
3	Open the <code>edc.cfg</code> file in a text editor.
4	Change the desired parameters according to your requirements. → <i>Configuration Parameters - Reference</i> , Seite 243
5	Save the configuration file and exit.

 related topics

The normal configuration of the easyPRIMA system is made via user interface in the web browser.

→ *Queue Data*, Seite 99

## 7 Start/End

---

.....  
This chapter deals with the following topics:

in this chapter





Topic	Page
Start easyPRIMA	38
Stop easyPRIMA	39
Log on to the System	40
Log on to the System - User	42

.....

## Start easyPRIMA

instructions






This is how you start easyPRIMA:

Step	Action
1	<p>Check whether SEALService is started.</p> <p> further information: [SEALSERV_TEC]</p>
2	<p>Start easyPRIMA via: sysstart</p> <p>The script starts the database and then the web server.</p> <p> <b>Caution</b> - at the first start:</p> <p>If easyPRIMA is started for the very first time, at first the database is initialized. This may take some time.</p> <p> <b>Hint</b> - start database and web server separately:</p> <p>You may start the database and the web server separately, as well.</p> <ul style="list-style-type: none"> <li>• For the database call the following script: pgstart</li> <li>• For the web server call the following script: webstart</li> </ul>
3	<p>Check the correct start of easyPRIMA with: sysstatus</p> <p> further information: [SYSTEMSTATUS_TEC]</p>

## Stop easyPRIMA

This is how you stop easyPRIMA:




instructions

Step	Action
1	<p>Stop easyPRIMA with:  <code>sysstop -full</code></p> <p>The script stops the web server and then the database and creates a backup of the currently stored data.</p> <p> <b>Caution</b> - without the <code>-full</code> option:            If you call the <code>sysstop</code> script without the <code>-full</code> option, only a backup of the currently stored data will be created.</p> <p> <b>Hint</b> - stop database and web server separately:            You may stop the database and the web server separately, as well.</p> <ul style="list-style-type: none"> <li>For the web server call the following script:  <code>webstop -full</code></li> </ul> <p> <b>Caution</b> - without the <code>-full</code> option:            If you call the <code>webstop</code> script without the <code>-full</code> option, nothing happens.</p> <ul style="list-style-type: none"> <li>For the database call the following script:  <code>pgstop -full</code></li> </ul> <p> <b>Caution</b> - without the <code>-full</code> option:            If you call the script <code>pgstop</code> without the option <code>-full</code>, only a backup of the currently stored data will be created, but the database will not be stopped.</p> <p> <b>hint</b> - emergency stop instead of normal stop:            If easyPRIMA cannot be stopped with <code>sysstop</code>, you can use the following command:  <code>syskill</code></p>
2	<p>Check the correct stop of easyPRIMA with:  <code>sysstatus</code></p>

# Log on to the System

Requirement → Start easyPRIMA, Seite 38

instructions, part 1 This is how you log on to the system:



Step	Action
1	Open the web browser.
2	<p>Call SEAL Control Center:  <code>http://server_name:port_number/cgi-bin/sealcc/sealcc</code>  with  <i>server_name</i> Name of the server, on which easyPRIMA is installed  <i>port_number</i> Port number of the web server</p> <p> Hint - call via command prompt or shell:  If you work in the command prompt or shell of easyPRIMA, you may also start SEAL CC via command line by the following command:  <code>sealcc</code></p> <p> <b>Caution</b> - users management at the very first start:  If SEAL Control Center is started for the first time, you need to activate the users management at first. This is essential for easyPRIMA.  SEAL Control Center starts without a logged on user at first. To setup easyPRIMA you have to log on as an administrator with the appropriate authorization. Without being logged on you will only have reading access to easyPRIMA.</p> <p> Further information:  The users management is part of SEAL Control Center. The activation of the users management is described in [SEALCC_TEC].</p>
3	<p>In the menu on the left, select:  Plug-in: Logon  Item: Logon</p>

..... To be continued

## Log on to the System, Continuation

Continuation:

instructions, part  
2

Step	Action
4	<p>Enter user name and password and confirm the entry.</p> <p>The appropriate access rights will be provided in the plug-in easyPRIMA.</p> <p> <b>Caution</b> - at the first start:</p> <p>For the very first logon you have to enter admin as user name and password. For following logons you should change the password in SEAL Control Center.</p> <p> Further information:</p> <p>The users management is part of SEAL Control Center. The changing of the password is described in [SEALCC_TEC].</p>

## Log on to the System - User


Requirement

→ *Start easyPRIMA*, Seite 38

If you do not have the rights to start easyPRIMA, please inform your system administrator.

instructions

This is how you log on to easyPRIMA:

Step	Action
1	Open the web browser.
2	<p>Call SEAL Control Center:  <code>http://server_name:port_number/cgi-bin/sealcc/sealcc</code>            with  <i>server_name</i> Name of the server, on which easyPRIMA is installed  <i>port_number</i> Port number of the web server</p> <p>You have to log on to easyPRIMA to be able to use the applications. Without being logged on you will only have reading access to easyPRIMA.</p>
3	<p>In the menu on the left, select:            Plug-in: Logon            Item: Logon</p>
4	<p>Enter user name and password and confirm the entry.</p> <p>The appropriate access rights will be provided in the plug-in easyPRIMA.</p> <p>Please ask your system administrator for user name and password of the first logon. For following logons you should change the password in SEAL Control Center.</p> <p> Further information:            The users management is part of SEAL Control Center. The changing of the password is described in [SEALCC_TEC].</p>

..... *To be continued*

## Log on to the System, Continuation

.....  
As a standard user you are authorized to manage queues. You are allowed to proceed the following actions:

privileges as a standard user

- Create new queues
  - Assign queues and queue groups
  - Change existing queues
  - Mark existing queues for deletion
  - Delete queues marked for deletion
  - Restore Queues Marked for Deletion
- .....

## 8 Authentication via OpenID Connect

description

.....  
 You may integrate easyPRIMA into a user authentication via OpenID Connect protocol.

For this Seal Systems offers a SEAL-specific version of Keycloak.



reference

You will find information about installing Keycloak and setting up the clients in the online documentation:

→ <https://seal-oidc.docs.sealsystems.de/>

.....

in this chapter

This chapter deals with the following topics:

Topic	Page
Configure edc.cfg Parameters	45
Define Privileges for easyPRIMA	46
Specify User and Password	47

.....

## Configure edc.cfg Parameters

easyPRIMA is registered in the OIDC provider as a client.

requirement

→ <https://seal-oidc.docs.sealsystems.de/>

The OIDC provider allocates data with which easyPRIMA can identify itself there. Specify these data in the `edc.cfg` configuration file.

description

This is how you specify the identification data in:

instructions

Step	Action
1	Open the command prompt or shell of easyPRIMA.
2	Open the <code>edc.cfg</code> file in a text editor.
3	Configure the parameters in the [OIDC] section. → <i>[OIDC] Section, Seite 309</i>
4	Save the configuration file and exit.

## Define Privileges for easyPRIMA

### description

easyPRIMA requires suitable permissions to be able to export queues to PLOSSYS Output Engine systems. You define these in the PLOSSYS Output Engine system in the `ALLOWED_OIDC_CLIENTS` environment variable.



### hint - complex JSON object

The `ALLOWED_OIDC_CLIENTS` environment variable is a complex JSON Object. Hence it is reasonable to read out the values from a file via PLOSSYS CLI. In addition, this way the value of `ALLOWED_OIDC_CLIENTS` is checked for its JSON conformity.

You may create a template for the file with PLOSSYS CLI, name it as you wish, e. g. `ALLOWED_OIDC_CLIENTS.JSON`, and specify the privileges required for easyPRIMA.



### reference

You will find further information on how to define the privileges in the online documentation:

→ <https://plossys-5.docs.sealsystems.de/>

## Specify User and Password

.....  
 You are logged on to easyPRIMA as an administrator:

requirement

→ *Log on to the System, Seite 40*

.....


In the appropriate system in easyPRIMA, specify the data for the PLOSSYS Output Engine user that is used to install queues in PLOSSYS Output Engine.

.....

description


This is how you change the data of a system:

instructions

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Systems
2	Find the desired PLOSSYS Output Engine system in the list and click the  button at the end of the line.
3	Specify user and password for installing queues in PLOSSYS Output Engine: → <i>System - Mandatory PLOSSYS Output Engine Parameters, Seite 203</i>
4	Confirm the input. The changes are active at once.

.....

Subsequently register the PLOSSYS Output Engine user in the OIDC provider as user. Then the OIDC provider is able to grant the privileges for exporting queues.

 Hint - specify the user in the OIDC provider

→ <https://seal-oidc.docs.sealsystems.de/>

.....

## 9 Basic Data



**Caution** -  
queue data

in this chapter

The actual queue data may not be imported until the data basis is complete.

This chapter deals with the following topics:


Topic	Page
Add Departments	49
Rename a Department	50
Delete Departments	51
Add Contact Persons	52
Change Contact Persons	53
Delete Contact Persons	54
Add System Groups	55
Change System Groups	56
Delete System Groups	57
Add Systems	58
Setting up Central Job Distribution	60
Specify a PLOSSYS Output Engine Cluster	62
Change Systems	64
Delete Systems	65
Add Queue Groups	66
Change Queue Groups	67
Delete Queue Groups	68

## Add Departments

.....

Departments are optional. If you wish to use them, you need to start the data entry with these data, as departments are attributes of contact persons. Otherwise additional steps are necessary to add these to the contact persons.

.....

 hint - optional data

You are logged on to easyPRIMA as an administrator:

Requirement

→ *Log on to the System, Seite 40*

.....

This is how you enter departments:

instructions

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Departments
2	Click the Add Department button under the Available Departments selection list. A small pop-up window is opened.
3	Enter the name of the department in the text field and confirm the input. The pop-up window is closed and the department will be displayed as the selected element in the Available Departments selection list.
4	Repeat the steps 2 to 3 for any other department.

.....

## Rename a Department

### Requirement

You are logged on to easyPRIMA as an administrator:

→ *Log on to the System, Seite 40*

### instructions

This is how you change the name of a department:

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Departments
2	Select the desired department in the Available Departments selection list.
3	Click the Rename Selected Department button under the Available Departments selection list. A small pop-up window is opened.
4	Enter the new name of the department in the text field and confirm the input. The pop-up window is closed and the department will be displayed with its new name as the selected element in the Available Departments selection list

## Delete Departments

.....  
 You are logged on to easyPRIMA as an administrator:

Requirement

→ *Log on to the System, Seite 40*

.....


This is how you delete a department:

instructions

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Departments
2	Select the desired departments in the Available Departments selection list.
3	Click the Delete Selected Departments button under the Available Departments selection list.
4	Confirm the confirmation prompt with OK. The departments will be deleted. The changes are active at once.

.....

## Add Contact Persons

 hint - optional data

Contact persons are optional. If you wish to use them, you need to start the data entry with these data, as contact persons are attributes of systems. Otherwise additional steps are necessary to add these to the systems.

Requirements

You are logged on to easyPRIMA as an administrator:




→ *Log on to the System*, Seite 40

You have entered the departments, in case you use them:

→ *Add Departments*, Seite 49

instructions

This is how you enter contact persons:

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Contact Persons
2	Click the  button above the list.
3	Enter the required data of the contact person: → <i>Contact Person - Parameters</i> , Seite 197
4	Confirm the input.
5	Repeat the steps 2 to 4 for any other contact person.   Hint - several contact persons with similar data: If several contact persons have similar data, for example the same address, you may simplify the entry by copying the person data. Click the  button at the end of the line.

## Change Contact Persons

.....  
 You are logged on to easyPRIMA as an administrator:


Requirement

→ *Log on to the System, Seite 40*

.....

This is how you change the data of a contact person:

instructions

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Contact Persons
2	Find the desired contact person in the list and click the  button at the end of the line.
3	Change the required data of the contact person: → <i>Contact Person - Parameters, Seite 197</i>
4	Confirm the input. The changes are active at once.

.....

## Delete Contact Persons




### Requirement

You are logged on to easyPRIMA as an administrator:

→ *Log on to the System, Seite 40*


### instructions

This is how you delete a contact person:

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Contact Persons
2	Find the desired contact person in the list and click the  button at the end of the line.   Hint - delete several contact persons: If you wish to delete several contact persons at the same time, in the first column, select the persons to be deleted and click the  button above the list.
3	Confirm the confirmation prompt with OK. The contact person will be deleted. The changes are active at once.

## Add System Groups

System groups, systems and queue groups have to be entered. Which order you choose is up to you.

 **Caution** - mandatory data

You are logged on to easyPRIMA as an administrator:

Requirements

→ *Log on to the System*, Seite 40




You have entered the departments and contact persons, in case you use them:

→ *Add Departments*, Seite 49

→ *Add Contact Persons*, Seite 52

This is how you enter system groups:

instructions

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage System Groups
2	Click the  button above the list.
3	Enter the required data of the system group: → <i>System Group - Parameters</i> , Seite 198
4	Confirm the input.
5	Repeat the steps 2 to 4 for any other system group.  Hint - several system groups with similar data: If several system groups have similar data, for example similar names, you may simplify the entry by copying the data of the system group. Click the  button at the end of the line.

## Change System Groups


Requirement

You are logged on to easyPRIMA as an administrator:

→ *Log on to the System*, Seite 40

instructions

This is how you change the data of a system group:

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage System Groups
2	Find the desired system group in the list and click the  button at the end of the line.
3	Change the required data of the system group: → <i>System Group - Parameters</i> , Seite 198
4	Confirm the input. The changes are active at once.

## Delete System Groups


.....  
You are logged on to easyPRIMA as an administrator:

Requirement


→ *Log on to the System, Seite 40*

.....  
This is how you delete a system group:

instructions

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage System Groups
2	Find the desired system group in the list and click the  button at the end of the line.
3	Confirm the confirmation prompt with OK. The system group will be deleted. The changes are active at once.

## Add Systems

 **Caution** - mandatory data

System groups, systems and queue groups have to be entered. Which order you choose is up to you.

Requirements

You are logged on to easyPRIMA as an administrator:

→ *Log on to the System*, Seite 40



You have entered the departments and contact persons, in case you use them:

→ *Add Departments*, Seite 49

→ *Add Contact Persons*, Seite 52

instructions, part 1

This is how you enter systems:




Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Systems
2	Click the  button above the list.
3	Enter the required data of the system.   <b>Caution</b> - system-dependent data Depending on the used system, besides the general data you have to enter additional system-specific data. These are mandatory: → <i>System - General Parameters</i> , Seite 199 → <i>System - Mandatory PLOSSYS netdome Parameters</i> , Seite 200 → <i>System - Optional PLOSSYS netdome Parameters</i> , Seite 201 → <i>System - Mandatory PLOSSYS Output Engine Parameters</i> , Seite 203 → <i>System - Optional PLOSSYS Output Engine Parameters</i> , Seite 204 → <i>System - SAP Mandatory Parameters</i> , Seite 206 → <i>System - Optional SAP Parameters</i> , Seite 207 → <i>System - Windows Parameters</i> , Seite 209
4	Confirm the input.

..... *To be continued*

## Add Systems, Continuation

Continuation:

instructions, part  
2

Step	Action
5	<p>Repeat the steps 2 to 4 for any other system.</p> <p> Hint - several systems with similar data: If several systems have similar data, for example similar names, you may simplify the entry by copying the data of the system. Click the  button at the end of the line.</p> <p> Caution - when copying systems: You may enter several systems with the same name and of the same type. In doing so, you have to make sure that these systems are clearly distinguishable by means of another parameter, for example the port number.</p>

## Setting up Central Job Distribution

required if

.....  
You use several PLOSSYS netdome systems, but wish to send output jobs to a central system from which these are forwarded as required, e. g. for Secure&Pickup Printing.  
.....

job distribution

.....  
You have to define one system as the central system to which all output jobs are sent.  
.....

If easyPRIMA exports the queue data to this central system, an additional parameter will be added to any queue. This contains a list of remote systems in the form of their connection data.

- For PLOSSYS netdome systems:  
AVAILABLE\_REMOTE\_SYSTEMS "host\_1:port\_1 host\_2:port\_2"
- For PLOSSYS Output Engine systems:  
AVAILABLE\_REMOTE\_P5\_SYSTEMS "host\_1:port\_1 host\_2:port\_2"

If an output job is to be output on a certain device, the central system tries to connect to the first remote system in the list. If it can establish the connection, the central system sends the job data to the remote system and the remote system takes the task.

If the central system cannot establish a connection to the first remote system in the list, it tries to connect to the next remote system in the list and to send the output job to it.

Thus the central system goes through the list of remote systems until it can connect to a system and send the job data to it.

If none of the remote systems is reachable, the central system itself takes the task and sends the printing data directly to the device.

PLOSSYS Output Engine cluster

.....  
If a PLOSSYS Output Engine cluster is part of the central job distribution, the central system sends the jobs to the primary server of the cluster.  
.....

If this is not available, the central system goes through the list of alternative servers until it is able to connect to a system and to send the jobs.

If the whole cluster is not available, the central system tries to connect to the next system or the next cluster and to send the jobs there.

..... *To be continued*

## Setting up Central Job Distribution, Continuation

Which systems are listed in the parameter depends on the system groups to which the central system belongs. All systems in the system groups to which the central system is assigned are used as remote systems.

list of systems

You cannot exclude any system of being used as remote system.

If easyPRIMA exports queue data to the central system, the queue - queue group - system group - system assignment is used to analyze which systems the appropriate queue is a part of. Any system identified this way is registered in the list of remote systems.

Hence the list of remote systems can be different for different queues.

In order to use the central job distribution you need to define one system as the central system. This prints itself via remote systems and only in case of necessity.

central system


You have entered one ore more systems:

Requirements

→ *Add Systems*, Seite 58

This is how you define the central distribution system:

instructions

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Systems
2	Find the desired system in the list and click the  button at the end of the line.
3	Activate the checkbox: Output via remote system → <i>System - Mandatory PLOSSYS netdome Parameters</i> , Seite 200
4	Confirm the input. With the next export of queue data to the system the lists of the remote systems will be transferred to the queue configurations.


## Specify a PLOSSYS Output Engine Cluster

Description	<p>.....</p> <p>You may install PLOSSYS Output Engine systems as a cluster. Then the system is mirrored identically to several servers.</p> <p>You have to define one of these server as primary server. easyPRIMA exports the queue data to this server.</p> <p>You can specify the other servers as alternative servers.</p> <p>.....</p>
export behavior	<p>If easyPRIMA can connect to the primary server, the export is executed. The primary server mirrors the changes to the other servers.</p> <p>If the primary server is not available, easyPRIMA tries to connect to the first server in the list of alternative servers.</p> <p>If easyPRIMA can connect to this server, the export is executed there.</p> <p>If this server is also not available, easyPRIMA tries to connect to the next server in the list of alternative servers.</p> <p>This way easyPRIMA goes through the list of alternative servers until it is able to connect to a system and execute the export.</p> <p>If none of the alternative servers is available, all attempts are displayed on the screen with their error messages.</p> <p>.....</p>
Protocol	<p>If the export can be executed successfully, the result of this export is displayed on the screen. You can identify to which server easyPRIMA has exported the queue data by the URI.</p> <p>Potential prior failed attempts and the successful export are reported in the <code>edc.log</code> log file.</p> <p>.....</p>
central job distribution	<p>If a PLOSSYS Output Engine cluster is part of the central job distribution, the central system sends the jobs to the primary server of the cluster.</p> <p>If this is not available, the central system goes through the list of alternative servers until it is able to connect to a system and to send the jobs.</p> <p>If the whole cluster is not available, the central system tries to connect to the next system or the next cluster and to send the jobs there.</p> <p>..... <i>To be continued</i></p>

## Specify a PLOSSYS Output Engine Cluster, Continuation

.....  
 This is how you specify a PLOSSYS Output Engine cluster:

instructions

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Systems
2	Find the desired system in the list and click the  button at the end of the line.
3	Specify the primary server: Keyword Server → <i>System - Mandatory PLOSSYS Output Engine Parameters, Seite 203</i>
4	Specify the secondary servers of the cluster: Keyword Alternative Server → <i>System - Optional PLOSSYS Output Engine Parameters, Seite 204</i>
5	Confirm the input.

.....

## Change Systems


Requirement

You are logged on to easyPRIMA as an administrator:

→ *Log on to the System*, Seite 40

instructions

This is how you change the data of a system:

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Systems
2	Find the desired system in the list and click the  button at the end of the line.
3	Change the required data of the system: → <i>System - General Parameters</i> , Seite 199 → <i>System - Mandatory PLOSSYS netdome Parameters</i> , Seite 200 → <i>System - SAP Mandatory Parameters</i> , Seite 206 → <i>System - Optional SAP Parameters</i> , Seite 207 → <i>System - Windows Parameters</i> , Seite 209
4	Confirm the input. The changes are active at once.

## Delete Systems

.....  
You are logged on to easyPRIMA as an administrator:


Requirement

→ *Log on to the System, Seite 40*

.....


This is how you delete a system:

instructions

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Systems
2	Find the desired system in the list and click the  button at the end of the line.
3	Confirm the confirmation prompt with OK. The system will be deleted. The changes are active at once.

.....

## Add Queue Groups

 **Caution** - mandatory data

System groups, systems and queue groups have to be entered. Which order you choose is up to you.

Requirements

You are logged on to easyPRIMA as an administrator:

→ *Log on to the System*, Seite 40




You have entered the departments and contact persons, in case you use them:

→ *Add Departments*, Seite 49

→ *Add Contact Persons*, Seite 52

instructions

This is how you enter queue groups:

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Queue Groups
2	Click the  button above the list.
3	Enter the required data of the queue group: → <i>Queue Group - Parameters</i> , Seite 210
4	Confirm the input.
5	Repeat the steps 2 to 4 for any other queue group.  Hint - several queue groups with similar data: If several queue groups have similar data, for example similar names, you may simplify the entry by copying the data of the queue group. Click the  button at the end of the line.

## Change Queue Groups

.....  
 You are logged on to easyPRIMA as an administrator:


Requirement

→ *Log on to the System, Seite 40*

.....

This is how you change the data of a queue group:

instructions

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Queue Groups
2	Find the desired queue group in the list and click the  button at the end of the line.
3	Change the required data of the queue group: → <i>Queue Group - Parameters, Seite 210</i>
4	Confirm the input. The changes are active at once.

.....

## Delete Queue Groups


### Requirement

You are logged on to easyPRIMA as an administrator:

→ *Log on to the System, Seite 40*

### instructions

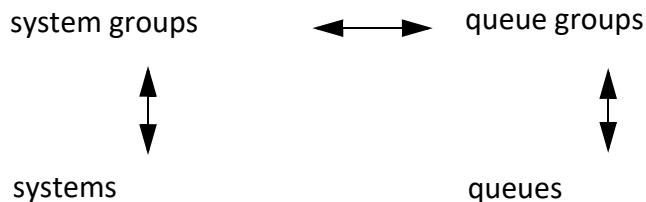
This is how you delete a queue group:

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Queue Groups
2	Find the desired queue group in the list and click the  button at the end of the line.
3	Confirm the confirmation prompt with OK. The queue group will be deleted. The changes are active at once.


## 10 Assignments - System Groups, Systems, Queue Groups and Queues

You can arrange systems in system groups and queues in queue groups. Additionally, you can link system groups and queue groups. From which side the assignment is made in each case is not important.

description



The assignments are necessary to be able to export the queues to the right systems, as between systems and queues no direct assignment can be made.

 **Caution** - mandatory

The order of the assignments between system groups and systems and between system groups and queue groups is up to you.

You cannot make the assignment between queue groups and queues until the queues have been imported.

 **Caution** - queues

This chapter deals with the following topics:

in this chapter

Topic	Page
Assign Particular System Groups and Systems	70
Assign Several System Groups and Systems	72
Change Assignments for System Groups and Systems	73
Assign System Groups and Queue Groups	75
Change Assignments for System Groups and Queue Groups	77
Assign Particular Queue Groups and Queues	79
Assign Several Queue Groups and Queues	81
Find Unassigned Systems	84
Find Unassigned Queues	85

## Assign Particular System Groups and Systems



requirement

You have entered all required data.

→ *Queue Data*, Seite 99

assign via system groups

This is how you assign a system to system groups:

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage System Groups
2	Select the desired system group in the list. For this click the name of the system group or the  button at the end of the line.
3	Select the Systems tab to assign systems to the system group. This is below the information about the system group.
4	Click the  button above the list.
5	Select the desired systems in the list Available Systems on the left side and move them to the list Connected Systems by clicking the arrow icon >.  If you wish to move all available systems to the list of the assigned systems, click the double arrow icon >> between the lists.
6	Confirm the input.



..... *To be continued*

## Assign Particular System Groups and Systems, Continuation

.....

This is how you assign a system group to systems:

assign via systems

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Systems
2	Select the desired system in the list. For this click the name of the system or the  button at the end of the line.
3	Select the System Groups tab to assign system groups to the system. This is below the information about the system.
4	Click the  button above the list.
5	Select the desired queue groups in the list Available Queue Groups on the left side and move them to the list Connected Queue Groups by clicking the arrow icon >.  If you wish to move all available queue groups to the list of assigned queue groups, click the double arrow icon >> between the lists.
6	Confirm the input.

.....

## Assign Several System Groups and Systems



requirement

You have entered all required data.

→ *Queue Data*, Seite 99



assign via system groups

This is how you assign several systems via system groups:

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage System Groups
2	Select the desired system groups in the list.
3	Click the  button above the list. The list of systems is opened.
4	Select the desired systems in the list.
5	Click the  button above the list. The assignment is saved.

assign via systems

This is how you assign several system groups via systems:

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Systems
2	Select the desired systems in the list.
3	Click the  button above the list. The list of system groups is opened.
4	Select the desired system groups in the list.
5	Click the  button above the list. The assignment is saved.

## Change Assignments for System Groups and Systems

.....  
 You are logged on to easyPRIMA as an administrator:

requirement



→ *Log on to the System, Seite 40*

.....  
 You may change the assignments of system groups and systems via system groups or via systems.

description

.....  
 This is how you change the assignments of systems via system groups:

assign via system groups



Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage System Groups
2	Select the desired system group in the list. For this click the name of the system group or the  button at the end of the line.
3	Select the Systems tab to change the assignments to the systems. This is below the information about the system group.
4	Click the  button above the list.
5	Select the desired systems in the list Available Systems on the left side and move them to the list Connected Systems by clicking the arrow icon >. Or select the desired systems in the list Connected Systems on the left side and move them to the list Available Systems by clicking the arrow icon <. If you wish to move all available systems to the list of the assigned systems, click the double arrow icon >> between the lists. If you wish to move all assigned systems to the list of the available systems, click the double arrow icon << between the lists.
6	Confirm the input.

..... *To be continued*

## Change Assignments for System Groups and Systems, Continuation

assign via systems

This is how you change the assignments of system groups via systems:

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Systems
2	Select the desired system in the list. For this click the name of the system or the  button at the end of the line.
3	Select the System Groups tab to change the assignments to the system groups. This is below the information about the system.
4	Click the  button above the list.
5	Select the desired system groups in the list Available System Groups on the left side and move them to the list Connected System Groups by clicking the arrow icon >.  Or select the desired system groups in the list Connected System Groups on the left side and move them to the list Available System Groups by clicking the arrow icon <.  If you wish to move all available system groups to the list of the assigned system groups, click the double arrow icon >> between the lists.  If you wish to move all assigned system groups to the list of the available system groups, click the double arrow icon << between the lists.
6	Confirm the input.

## Assign System Groups and Queue Groups

.....  
 You have entered all required data.



requirement

→ *Queue Data*, Seite 99

.....

This is how you assign queue groups via system groups:

assign via system groups



Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage System Groups
2	Select the desired system group in the list. For this click the name of the system group or the  button at the end of the line.
3	Select the Queue Groups tab to assign queue groups to the system group. This is below the information about the system group.
4	Click the  button above the list.
5	Select the desired queue groups in the list Available Queue Groups on the left side and move them to the list Connected Queue Groups by clicking the arrow icon >.  If you wish to move all available queue groups to the list of assigned queue groups, click the double arrow icon >> between the lists.
6	Confirm the input.

..... *To be continued*

## Assign System Groups and Queue Groups, Continuation

assign via queue groups

This is how you assign system groups via queue groups:

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Queue Groups
2	Select the desired queue group in the list. For this click the name of the queue group or the  button at the end of the line.
3	Select the System Groups tab to assign system groups to the queue group. This is below the information about the queue group.
4	Click the  button above the list.
5	Select the desired system groups in the list Available System Groups on the left side and move them to the list Connected System Groups by clicking the arrow icon >.  If you wish to move all available system groups to the list of the assigned system groups, click the double arrow icon >> between the lists.
6	Confirm the input.

## Change Assignments for System Groups and Queue Groups

You are logged on to easyPRIMA as an administrator:

requirement



→ *Log on to the System, Seite 40*

You may change the assignments of system groups and queue groups via system groups or via queue groups.

description

This is how you change the assignments of queue groups via system groups:

assign via system groups



Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage System Groups
2	Select the desired system group in the list. For this click the name of the system group or the  button at the end of the line.
3	Select the Queue Groups tab to change the assignments to the queue groups. This is below the information about the system group.
4	Click the  button above the list.
5	Select the desired queue groups in the list Available Queue Groups on the left side and move them to the list Connected Queue Groups by clicking the arrow icon >.  Or select the desired queue groups in the Connected Queue Groups list on the left side and move them to the Available Queue Groups list by clicking the arrow icon <.  If you wish to move all available queue groups to the list of assigned queue groups, click the double arrow icon >> between the lists.  If you wish to move all assigned queue groups to the list of the available queue groups, click the double arrow icon << between the lists.
6	Confirm the input.

*To be continued*

## Change Assignments for System Groups and Queue Groups, Continuation

assign via queue groups

This is how you change the assignments of system groups via queue groups:

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Queue Groups
2	Select the desired queue group in the list. For this click the name of the queue group or the  button at the end of the line.
3	Select the System Groups tab to change the assignments to the system groups. This is below the information about the queue group.
4	Click the  button above the list.
5	Select the desired system groups in the list Available System Groups on the left side and move them to the list Connected System Groups by clicking the arrow icon >. Or select the desired system groups in the list Connected System Groups on the left side and move them to the list Available System Groups by clicking the arrow icon <. If you wish to move all available system groups to the list of the assigned system groups, click the double arrow icon >> between the lists. If you wish to move all assigned system groups to the list of the available system groups, click the double arrow icon << between the lists.
6	Confirm the input.

## Assign Particular Queue Groups and Queues

.....  
 You have imported the queues:

requirement

→ *Importing Queues - General, Seite 124*

.....



You have to add the assignments of queue groups and queues. From which side the assignment is made is not important.

.....

description

This is how you assign a queue to queue groups:

assign via queue groups



Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Queue Groups
2	Select the desired queue group in the list. For this click the name of the queue group or the  button at the end of the line.
3	Select the Queues tab to assign queues to the queue group. This is below the information about the queue group.
4	Click the  button above the list.
5	Select the desired queues in the list Available Queues on the left side and move them to the list Connected Queues by clicking the arrow icon >.  If you wish to move all available queues to the list of the assigned queues, click the double arrow icon >> between the lists.
6	Confirm the input.

..... *To be continued*

## Assign Particular Queue Groups and Queues, Continuation

assign via queues

This is how you assign a queue group to queues:

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Queues
2	Select the desired queue in the list. For this click the name of the queue or the  button at the end of the line.
3	Select the Queue Groups tab to assign queue groups to the queue. This is below the information about the queue.
4	Click the  button above the list.
5	Select the desired queue groups in the list Available Queue Groups on the left side and move them to the list Connected Queue Groups by clicking the arrow icon >.  If you wish to move all available queue groups to the list of the assigned queue groups, click the double arrow icon >> between the lists.
6	Confirm the input.

## Assign Several Queue Groups and Queues

You have imported the queues:

requirement



→ *Importing Queues - General, Seite 124*

You have to add the assignments of queue groups and queues. From which side the assignment is made is not important.

description



This is how you assign several queues to queue groups:

assign via queue groups

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Queue Groups
2	Select the desired queue groups in the list.
3	Click the  button above the list. The list of queues is opened.
4	Select the desired queues in the list.
5	Click the  button above the list. The assignment is saved.

This is how you assign several queue groups to queues:

assign via queues



Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Queues
2	Select the desired queues in the list.
3	Click the  button above the list. The list of queue groups is opened.
4	Select the desired queue groups in the list.
5	Click the  button above the list. The assignment is saved.

## Change Assignments for Queues and Queue Groups

requirement → *Log on to the System, Seite 40*

description You may make the assignment of queues and queue groups via queues or via queue groups.

assign via queues This is how you change the assignments via queues:

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Queues
2	Select the desired queue in the list. For this click the name of the queue or the  button at the end of the line.
3	Select the Queue Groups tab to change the assignments to the queue groups. This is below the information about the queue.
4	Click the  button above the list.
5	Select the desired queue groups in the list Available Queue Groups on the left side and move them to the list Connected Queue Groups by clicking the arrow icon >.  Or select the desired queue groups in the Connected Queue Groups list on the left side and move them to the Available Queue Groups list by clicking the arrow icon <.  If you wish to move all available queue groups to the list of assigned queue groups, click the double arrow icon >> between the lists.  If you wish to move all assigned queue groups to the list of the available queue groups, click the double arrow icon << between the lists.
6	Confirm the input.



..... *To be continued*

## Change Assignments for Queues and Queue Groups, Continuation

.....

This is how you change the assignments via queue groups:

assign via queue groups

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Queue Groups
2	Select the desired queue group in the list. For this click the name of the queue group or the  button at the end of the line.
3	Select the Queues tab to change the assignments to the queue. This is below the information about the queue group.
4	Click the  button above the list.
5	Select the desired queues in the list Available Queues on the left side and move them to the list Connected Queues by clicking the arrow icon >.  Or select the desired queues in the list Connected Queues on the left side and move them to the list Available Queues by clicking the arrow icon <.  If you wish to move all available queues to the list of the assigned queues, click the double arrow icon >> between the lists.  If you wish to move all assigned queues to the list of the available queues, click the double arrow icon << between the lists.
6	Confirm the input.

.....

## Find Unassigned Systems

requirement

You have entered all required data.


→ *Queue Data*, Seite 99

description

If you enter several systems, but wish to make the assignments to the particular system groups in the end, or if you wish to check, whether assignments have been made for all systems, you may have displayed the unassigned systems in a list.

instructions

This is how you find unassigned queues:

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Systems
2	Click the  button above the list. Unassigned systems will be displayed in a list.

## Find Unassigned Queues

→ *Create Queues*, Seite 149


requirement

If you enter several queues, but wish to make the assignments to the particular queue groups in the end, or if you wish to check, whether assignments have been made for all queues, you may have displayed the unassigned queues in a list.

description

This is how you find unassigned queues:

instructions

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Queues
2	Click the  button above the list. Unassigned queues will be displayed in a list.

# 11 Queue Templates

in this chapter

This chapter deals with the following topics:

Topic	Page
Import Queue Templates	87
Using Customer-Specific Queue Templates	89
Import Queue Templates from Windows Print Servers	91
Add Windows Connectors	92
Import Preconfigured Driver Settings (DEVMODE)	93
Add Windows Driver Settings	94
Activate a Queue Template	95
Set a Default Queue Template	96
Deactivate Queue Templates	97
Delete Queue Templates	98


## Import Queue Templates

You are logged on to easyPRIMA as an administrator:

→ *Log on to the System, Seite 40*

requirement

You have to import the queue templates before the queues, as the queues are assigned to already existing queue templates during the import procedure, if possible. If no appropriate queue template is available, you have to create a queue template manually. Queues to which no queue template is assigned cannot be exported afterwards.

 **Caution** - queue templates before the queues

The queue templates have to be stored in the installation directory of easyPRIMA in the following directory:


server\edc\templates

basis directory for queue templates

In this basis directory a separate subdirectory, in which the driver files are stored, needs to be existing for every queue template.

You may use your own queue templates:

→ *Using Customer-Specific Queue Templates, Seite 89*

 hint - own queue templates:

You may import Windows native printers as templates in easyPRIMA if they are installed in the same systems in which easyPRIMA is running.

 hint - Windows native printers

For importing queue templates easyPRIMA uses a CSV file, in which the brand, models and templates are already assigned. These assignments are saved in easyPRIMA with the templates.

CSV file

The provided CSV file is stored in the following directory:

server\edc\conf\templates.csv

directory for the CSV file

You define the directory, in which the customer-specific CSV file is stored, by the environment variable *SEAL\_CUSTOMDIR*.

customer-specific CSV file

..... *To be continued*

## Import Queue Templates, Continuation

instructions

.....  
This is how you import queue templates:

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Configure
2	Click the Update button in the Queue Templates section. The import is started.  After the import is finished, a list of the imported queues and a link to the log file is displayed.

later updates


.....  
You may update the queue templates any time, if you have saved new queue templates in the basis directory.  
.....

## Using Customer-Specific Queue Templates

.....  
 If you wish to use your own queue templates, for each template you need to create a corresponding subdirectory in the customer-specific basis directory and save the driver files therein. After this you may import the queue templates.


description

You may use customer-specific queue templates also without the `SEAL_CUSTOMDIR` environment variable. Then you need to create the corresponding subdirectories in the standard basis directory and save the driver files therein. This may cause problems when updating.

 **Caution** - without environment variable

Below the use of own queue templates with the `SEAL_CUSTOMDIR` environment variable is described.

.....  
 Queue templates that do no longer exist in the customer-specific main directory, are not deleted from the database.

 **Caution** - delete queue templates

..... *To be continued*

## Using Customer-Specific Queue Templates, Continuation

instructions

This is how you integrate own queue templates:

Step	Action
1	Ensure that the <code>SEAL_CUSTOMDIR</code> environment variable is activated.
2	Create the customer-specific basis directory for the queue templates: <code>%SEAL_CUSTOMDIR%\server\edc\templates\</code>
3	In the customer-specific basis directory create a corresponding subdirectory for each customer-specific queue template: <code>%SEAL_CUSTOMDIR%\server\edc\templates\customer_queue-template_x\</code>
4	Save the customer-specific driver files in the corresponding subdirectory.
5	Copy any queue template that you use from the standard basis directory to your customer-specific basis directory: from: <code>server\edc\templates\</code> to: <code>%SEAL_CUSTOMDIR%\server\edc\templates\</code>
6	Copy the CSV file from the standard directory to your customer-specific directory: from: <code>server/edc/conf/templates.csv</code> to: <code>%SEAL_CUSTOMDIR%\server/edc/conf/templates.csv</code>
7	Add your customer-specific templates in the CSV file.
8	Import the queue templates: → <i>Import Queue Templates, Seite 87</i>

## Import Queue Templates from Windows Print Servers

.....

You are logged on to easyPRIMA as an administrator:

requirement

→ *Log on to the System*, Seite 40



For each queue template to be imported you have set up a printer on a Windows print server.

The Windows print server is registered in easyPRIMA as a system.

.....

This is how you import queue templates for Windows:

instructions

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Windows Templates
2	Click the  or  button above the list. A window with a list of registered Windows print servers is opened.
3	Select the desired Windows print server in the list and confirm the input.
4	Confirm the confirmation prompt with OK. The queue templates are imported from the specified Windows print server.

.....

## Add Windows Connectors


requirement

You are logged on to easyPRIMA as an administrator:

→ *Log on to the System, Seite 40*

instructions

This is how you add a Windows Connector:

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Connectors
2	Click the  button above the list.
3	Enter the required data of the Windows connector: → <i>Windows Connectors - Parameters, Seite 242</i>
4	Confirm the input.
5	Repeat the steps 2 to 4 for any other Windows connector.

## Import Preconfigured Driver Settings (DEVMODE)

You have set up a reference printer in your Windows system.


requirement

You can import preconfigured driver settings (DEVMODE settings) in easyPRIMA. You may use these as reference settings for the export of queues to Windows systems.


description

This is how you import preconfigured driver settings for Windows:

instructions

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Windows Drivers
2	Select the desired Windows driver in the list.
3	In the information view of the Windows driver, switch to the Driver Settings tab.
4	Click the  button above the list.
5	In the selection list of all Windows systems listed in easyPRIMA, select the desired Windows system and confirm with OK.
6	In the selection list of all printers installed in this system, select the desired printer and confirm the input.
7	In the text field enter a unique name, <i>your_name</i> , for the driver setting to be imported.  This name is used for <ul style="list-style-type: none"> <li>the subdirectory for the driver: ../server/edc/templates/windows/driver_name/your_name/</li> <li>the imported files.</li> </ul> Confirm the input and the import is started.
8	Confirm the notification after the finished import.

You can neither adjust nor rename imported driver settings.

 **Caution** - no changes

## Add Windows Driver Settings


requirement

You are logged on to easyPRIMA as an administrator:

→ *Log on to the System, Seite 40*

instructions

This is how you add driver settings for Windows:

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Windows Drivers
2	Select the desired Windows driver in the list.
3	In the information view of the Windows driver, switch to the Driver Settings tab.
4	Click the  button above the list.
5	Enter the required data of the Windows driver settings: → <i>Windows Driver Settings - Parameters, Seite 241</i>
6	Confirm the input.

## Activate a Queue Template

You are logged on to easyPRIMA as an administrator:

requirement

→ *Log on to the System, Seite 40*

You have imported the queue templates:


→ *Import Queue Templates, Seite 87*

easyPRIMA activates the appropriate queue template of the device model automatically, when importing the queue templates. If you need more or another one, you have to activate these.

description

This is how you activate a queue template:

instructions

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Configure
2	In the Device Models section, select the desired brand in the Available Brands selection list.
3	In the Available Models selection list, select the desired model.
4	Click the Activate Template button under the corresponding selection list. <ul style="list-style-type: none"> <li>Available Templates for PLOSSYS netdome systems</li> <li>Available SAP Templates for SAP systems</li> <li>Available Windows Templates for Windows systems</li> </ul> A small pop-up window is opened, in which the list of the installed queue templates is displayed.
5	Select one or more templates in the list and confirm the input. The pop-up window is closed and the template will be displayed in the Available Templates selection list. If you install a queue based on this model, the activated queue templates will be offered for selection.  Hint - preferred queue template: If you have activated several queue templates, one of which is to be used preferably, you may preset this queue template: → <i>Set a Default Queue Template, Seite 96</i>

## Set a Default Queue Template

### requirement

You are logged on to easyPRIMA as an administrator:

→ *Log on to the System*, Seite 40

### description

If you have activated several queue templates, one of which is to be used preferably, you may preset this queue template. This will be used automatically, if no other queue template is explicitly selected, when installing a queue.

### instructions

This is how you preset a queue template as default:

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Configure
2	In the Device Models section, select the desired brand in the Available Brands selection list.
3	In the Available Models selection list, select the desired model.
4	In the Available Templates selection list, select the desired queue template.
5	Click the Set Selected Template as Default button under the Available Templates selection list.
6	Confirm the confirmation prompt with OK. The queue template will be preset and displayed in the list with an appropriate mark. The change is active at once.

## Deactivate Queue Templates

You are logged on to easyPRIMA as an administrator:

requirement

→ *Log on to the System, Seite 40*

This is how you deactivate queue templates:

instructions

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Configure
2	In the Device Models section, select the desired brand in the Available Brands selection list.
3	In the Available Models selection list, select the desired model.
4	In the Available Templates selection list, select the desired queue templates.
5	Click the Deactivate Selected Template button under the Available Templates selection list.
6	Confirm the confirmation prompt with OK. The queue templates will be deactivated and no longer be displayed in the list. The changes are active at once.

## Delete Queue Templates

### requirement

You are logged on to easyPRIMA as an administrator:

→ *Log on to the System, Seite 40*

### directory

The queue templates have to be saved in the installation directory of easyPRIMA in the `server\edc\templates` directory. A separate subdirectory, in which the driver files are saved, needs to be existing there for every queue template.

### instructions

This is how you delete a queue template:

Step	Action
1	Open the command prompt or shell of easyPRIMA.
2	Switch to the <code>\server\edc\conf</code> directory.
3	<p>Delete the subdirectory of the desired queue templates with all its files.</p> <p>The queue templates will no longer be displayed in the list of available queue templates.</p> <p>The change is active at once.</p>

## 12 Queue Data

.....  
 You have imported the queue templates:

requirement

→ *Import Queue Templates, Seite 87*

.....  
 You are not allowed to do the initial load and import the queues until the data basis is complete. The import of the queues is usually necessary only for the initial load, as easyPRIMA is regarded as the leading system, in which any change of the queues is made and subsequently exported.

initial load

.....  
 After the queue data have been imported you may make the assignments between queue groups and queues.

assignment

.....  
 This chapter deals with the following topics:

in this chapter

Topic	Page
Device-Specific Queue Data	100
System-specific Queue Data	110
Customer-Specific Queue Data	115

.....

## 12.1 Device-Specific Queue Data

---

in this chapter

This chapter deals with the following topics:

<b>Topic</b>	<b>Page</b>
Add Brands	101
Renaming a Brand	102
Deleting Brands	103
Add Device Models	104
Rename a Device Model	105
Delete Device Models	106
Add Media Sizes	107
Rename Media Sizes	108
Delete Media Sizes	109

---

## Add Brands

.....  
You are logged on to easyPRIMA as an administrator:

requirement

→ *Log on to the System, Seite 40*

You have imported the queue templates:

→ *Import Queue Templates, Seite 87*

.....  
easyPRIMA identifies the appropriate brands when importing the queue templates. These are added to the list already. If you need more, you may add them.

description

.....  
This is how you enter a brand:

instructions

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Configure
2	In the Device Models section, click the Add Brand button under the Available Brands selection list. A small pop-up window is opened.
3	Enter the name of the brand in the text field and confirm the input. The pop-up window is closed and the department will be displayed as the selected element in the list box Available Departments.
4	Repeat the steps 2 to 3 for any other brand or continue with adding the models of the selected brand. → <i>Add Device Models, Seite 104</i>

## Renaming a Brand

requirement

You are logged on to easyPRIMA as an administrator:

→ *Log on to the System, Seite 40*

instructions

This is how you change the name of a brand:

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Configure
2	In the Device Models section, click the Rename Selected Brand button under the Available Brands selection list. A small pop-up window is opened.
3	Enter the new name of the brand in the text field and confirm the input. The pop-up window is closed and the brand will be displayed with its new name as the selected element in the Available Brands selection list.

## Deleting Brands

.....  
You are logged on to easyPRIMA as an administrator:

requirement

→ *Log on to the System, Seite 40*

.....  
This is how you delete brands:

instructions

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Configure
2	In the Device Models section, select the desired brands in the Available Brands selection list.
3	Click the Delete Selected Brands button under the Available Brands selection list.
4	Confirm the confirmation prompt with OK. The selected brand will be deleted. The changes are active at once.

.....

## Add Device Models

### requirement

You are logged on to easyPRIMA as an administrator:

→ *Log on to the System, Seite 40*

You have imported the queue templates:

→ *Import Queue Templates, Seite 87*

### description

easyPRIMA identifies the appropriate device models when importing the queue templates. These are added to the list already. If you need more, you may add them.

### instructions

This is how you enter device models:

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Configure
2	In the Device Models section, select the desired brand in the Available Brands selection list.
3	Click the Add Model button under the Available Models selection list. A small pop-up window is opened.
4	Enter the name of the model in the text field and confirm the input. The pop-up window is closed and the model will be displayed as the selected element in the Available Models selection list.
5	Repeat the steps 2 to 4 or for any other model or continue with activating the desired queue templates → <i>Activate a Queue Template, Seite 95</i>

## Rename a Device Model

.....  
You are logged on to easyPRIMA as an administrator:

requirement

→ *Log on to the System, Seite 40*

.....  
This is how you change the name of a device model:

instructions

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Configure
2	In the Device Models section, select the desired brand in the Available Brands selection list.
3	Click the Rename Selected Model button under the Available Models selection list. A small pop-up window is opened.
4	Enter the new name of the model in the text field and confirm the input. The pop-up window is closed and the model will be displayed with its new name as the selected element in the Available Models selection list.

## Delete Device Models

requirement

You are logged on to easyPRIMA as an administrator:

→ *Log on to the System, Seite 40*

instructions

This is how you delete a device model:

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Configure
2	In the Device Models section, select the desired brand in the Available Brands selection list.
3	In the Device Models section, select the desired models in the Available Models selection list.
4	Click the Delete Selected Models button under the Available Models selection list.
5	Confirm the confirmation prompt with OK. The selected models will be deleted. The changes are active at once.

## Add Media Sizes

.....  
You are logged on to easyPRIMA as an administrator:


requirement

→ *Log on to the System, Seite 40*

.....  
easyPRIMA already has listed the usual media sizes. If you need more, you may add them.

description

The new paper sizes have to be existent in the target systems as well. You have to define the media sizes there separately, if necessary. These will not be exported by easyPRIMA.

 **Caution** - media sizes in systems

.....  
This is how you add media sizes:

instructions

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Configure
2	Click the Add Media Format button under the Available Media Formats selection list in the Media Formats section. A small pop-up window is opened.
3	Enter the media size in the text field and confirm the input. The pop-up window is closed and the media size will be displayed as the selected element in the Available Media Formats selection list.

## Rename Media Sizes

requirement

You are logged on to easyPRIMA as an administrator:

→ *Log on to the System, Seite 40*



**Caution** -  
media sizes in  
systems

The media sizes have to be existent with their new names in the target systems as well. You have to rename them separately there, if necessary. These will not be exported by easyPRIMA.

instructions

This is how you change the name of a media size:

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Configure
2	Select the desired media size in the Available Media Formats selection list in the Media Formats section.
3	Click the Rename Selected Media Format button under the Available Media Formats selection list in the Media Formats section. A small pop-up window is opened.
4	Enter the new name of the media size in the text field and confirm the input.  The pop-up window is closed and the media size will be displayed with its new name as the selected element in the Available Media Formats selection list.

## Delete Media Sizes

.....  
You are logged on to easyPRIMA as an administrator:

requirement

→ *Log on to the System, Seite 40*

.....  
This is how you delete a media size:

instructions

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Configure
2	Select the desired media size in the Available Media Formats selection list in the Media Formats section.
3	Click the Delete Selected Media Format button under the Available Media Formats selection list in the Media Formats section.
4	Confirm the confirmation prompt with OK. The selected media sizes will be deleted. The changes are active at once.

.....

## 12.2 System-specific Queue Data

---

in this chapter

This chapter deals with the following topics:

Topic	Page
Adding Pool Device Parameters	111
Adding SAP Parameters	112
Adding SEAL APW Parameters	113
Adding Windows Parameters	114

---

## Adding Pool Device Parameters

.....  
You are logged on to easyPRIMA as an administrator:

requirement

→ *Log on to the System, Seite 40*

.....  
easyPRIMA has enclosed standard queue parameters:

description

→ *Queue - Mandatory Parameters, Seite 212*

→ *Queue - Optional Parameters, Seite 215*



Depending on your systems you might need further parameters. You may add a range of system-specific parameters automatically.

If the parameters you need are not included in the automatic extension, you may add them as customer-specific parameters:

→ *Add Customer-Specific Parameters, Seite 116*

.....  
This is how you add additional pool device parameters:

Adding Pool Device Parameters

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Queue Parameters
2	Click the  button above the list.
3	Confirm the confirmation prompt with OK. The available pool device parameters will be added automatically.  Hint - list of parameters: → <i>Additional Pool Device Parameters, Seite 224</i>

## Adding SAP Parameters

requirement

You are logged on to easyPRIMA as an administrator:  
→ *Log on to the System, Seite 40*

description

easyPRIMA has enclosed standard queue parameters:  
→ *Queue - Mandatory Parameters, Seite 212*  
→ *Queue - Optional Parameters, Seite 215*



Depending on your systems you might need further parameters. You may add a range of system-specific parameters automatically.

If the parameters you need are not included in the automatic extension, you may add them as customer-specific parameters:

→ *Add Customer-Specific Parameters, Seite 116*

Adding SAP Parameters

This is how you add additional SAP parameters:

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Queue Parameters
2	Click the SAP logo on the left side under the initially empty table.
3	<p>Confirm the confirmation prompt with OK. The available SAP parameters will be added automatically.</p> <p> Hint - list of parameters: → <i>Additional SAP Parameters, Seite 225</i></p> <p> Caution - standard parameters only: The automatic import adds the SAP default parameters which you find in the list referenced above. If you need more SAP-specific parameters, you may add them as customer-specific parameters.</p>

## Adding SEAL APW Parameters

.....  
You are logged on to easyPRIMA as an administrator:

requirement

→ *Log on to the System, Seite 40*

.....  
easyPRIMA has enclosed standard queue parameters:

description

→ *Queue - Mandatory Parameters, Seite 212*

→ *Queue - Optional Parameters, Seite 215*



Depending on your systems you might need further parameters. You may add a range of system-specific parameters automatically.

If the parameters you need are not included in the automatic extension, you may add them as customer-specific parameters:

→ *Add Customer-Specific Parameters, Seite 116*

.....  
This is how you add additional SEAL APW parameters:

Adding SEAL  
APW Parameters

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Queue Parameters
2	Click the  button above the list.
3	Confirm the confirmation prompt with OK. The available SEAL APW parameters will be added automatically.  Hint - list of parameters: → <i>Additional SEAL APW Parameters, Seite 229</i>

## Adding Windows Parameters

### requirement

You are logged on to easyPRIMA as an administrator:

→ *Log on to the System, Seite 40*

### description

easyPRIMA has enclosed standard queue parameters:

→ *Queue - Mandatory Parameters, Seite 212*

→ *Queue - Optional Parameters, Seite 215*


Depending on your systems you might need further parameters. You may add a range of system-specific parameters automatically.

If the parameters you need are not included in the automatic extension, you may add them as customer-specific parameters:

→ *Add Customer-Specific Parameters, Seite 116*

### Adding Windows Parameters

This is how you add additional Windows parameters:

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Queue Parameters
2	Click the Windows logo on the left side under the initially empty table.
3	Confirm the confirmation prompt with OK. The available Windows parameters will be added automatically.  Hint - list of parameters: → <i>Additional Windows Parameters, Seite 231</i>

## 12.3 Customer-Specific Queue Data

---

This chapter deals with the following topics:

in this chapter

<b>Topic</b>	<b>Page</b>
Add Customer-Specific Parameters	116
Delete Customer-Specific Parameters	117
Change Settings of Particular Parameters	118
Change Settings of Several Parameters	119
Add a Customer-Specific Language File	120

---

## Add Customer-Specific Parameters

### requirement

You are logged on to easyPRIMA as an administrator:

→ *Log on to the System*, Seite 40

### description


easyPRIMA has enclosed standard queue parameters:

→ *Queue - Mandatory Parameters*, Seite 212

→ *Queue - Optional Parameters*, Seite 215

If you need further parameters, you have to insert them in customer-specific queue templates, if they are to be the same for all queues using this queue template, or you have to add them in the form of customer-specific parameters in easyPRIMA, if they are to be configurable for separate queues.


You may add own parameters or automatically add SAP-specific, pool device-specific or Windows-specific parameters.

 hint - export to PLOSSYS Output Engine systems

If you wish to use customer-specific parameters in PLOSSYS Output Engine systems, you have to assign them to the PLOSSYS tab and mark them as Relevant for PLOSSYS 5.

### add own parameters

This is how you enter customer-specific parameters:

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Queue Parameters
2	Click the  button above the list.
3	Enter the required data of the parameter. The data to be entered depends on the selected data type and view type. → <i>Customer-Specific Parameters - Mandatory</i> , Seite 234 → <i>Customer-Specific Parameters - Optional</i> , Seite 236
4	Confirm the input.
5	Repeat the steps 2 to 4 for any other parameter.

## Delete Customer-Specific Parameters

.....  
You are logged on to easyPRIMA as an administrator:

requirement


→ *Log on to the System, Seite 40*

.....  
Own parameters, additional SAP-specific and additional Pool device parameters are changed in the same way.

description

.....  
This is how you delete customer-specific parameters:

instructions

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Queue Parameters
2	Find the desired parameter in the list and click the  button at the end of the line.
3	Confirm the confirmation prompt with OK. The parameter will be deleted. The changes are active at once. The parameter can no longer be adjusted and also will no longer be displayed in queues in which it has been used.

## Change Settings of Particular Parameters


requirement

You are logged on to easyPRIMA as an administrator:

→ *Log on to the System*, Seite 40

description


You may adjust the settings of your own customer-specific parameters as needed. Only the parameter name is excluded here.

 **Caution** -  
customer-specific  
parameters  
only

Only to a limited extent you are allowed to make changes on additional SAP- and Windows-specific parameters and the additional pool device parameters.

instructions

This is how you change particular customer-specific parameters:

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Queue Parameters
2	Find the desired parameter in the list and click the  button at the end of the line.
3	Change the required data of the parameter: → <i>Customer-Specific Parameters - Mandatory</i> , Seite 234 → <i>Customer-Specific Parameters - Optional</i> , Seite 236
4	Confirm the input.  Changes concerning the displaying of the parameter are active at once. Changes concerning the queue data, have to be adjusted in the queue data.

## Change Settings of Several Parameters

You are logged on to easyPRIMA as an administrator:


requirement

→ *Log on to the System, Seite 40*

You may adjust the settings of your own customer-specific parameters as needed. Only the parameter name is excluded here.


description

Only to a limited extent you are allowed to make changes on additional SAP- and Windows-specific parameters and the additional pool device parameters.

 **Caution** - customer-specific parameters only

This is how you change several customer-specific parameters:

instructions

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Queue Parameters
2	Select the desired parameters in the list and click the  button above the parameter list.
3	Activate the check box of those settings you wish to change. Only settings with activated check box are stored in the database.
4	Change the required data of the parameters: → <i>Customer-Specific Parameters - Mandatory, Seite 234</i> → <i>Customer-Specific Parameters - Optional, Seite 236</i>
5	Confirm the input. Changes concerning the displaying of the parameter are active at once. Changes concerning the queue data, have to be adjusted in the queue data.

## Add a Customer-Specific Language File

### requirement

You are logged on to easyPRIMA as an administrator:

→ *Log on to the System*, Seite 40

You have added customer-specific parameters:

→ *Add Customer-Specific Parameters*, Seite 116



### description

If you use own parameters that are neither SAP- nor pool device-specific, and which are to be displayed in the user interface with other display texts than the parameter name, you have to provide them in a customer-specific language file.

Display texts for SAP- and pool device-specific parameters are already included in the default language file.

### instructions


This is how you enter display texts for customer-specific parameters:

Step	Action
1	Open the command prompt or shell of easyPRIMA.
2	Switch to the following directory: tools/sepper1/language/edc_customer   <b>Caution</b> - changes in this directory only: Enter customer-specific parameters and display texts only in the language file in this directory. The default language file will be overwritten by a version update.
3	Open the following file in an editor: de.pm
4	Enter the customer-specific parameters with the appropriate display texts within the curly brackets as follows: <i>parameter name =&gt; "display text"</i>   <b>Caution</b> - within the curly brackets: This language file is a Perl module and not a pure text file. Therefore you must enter the parameters and display texts within the curly brackets.
5	Save the file and exit.


..... *To be continued*

## Add a Customer-Specific Language File, Continuation

.....  
You may add customer-specific language files for any language by copying the file with the extension `.tpl` and renaming it *Language\_abbreviation.pm*, for example `fr.pm` for French.  
.....

 hint - other languages

## PPD Files

requirement	<p>You are logged on to easyPRIMA as an administrator: → <i>Log on to the System, Seite 40</i></p>
description	<p>PLOSSYS Output Engine requires PPD files to scale and rotate outputs. You may select the desired PPD file in easyPRIMA as queue parameter.</p>
exporting PPD files	<p>If you have specified a PPD file for a queue, it will be transmitted to a PLOSSYS Output Engine system subsequently to the actual queue export.</p> <p>If a queue export contains several PPD files, these will be transferred altogether following the export.</p>
customer-specific PPD files	<p>Customer-specific PPD files are offered for selection as well, and displayed in the selection list ahead of the standard PPD files.</p> <p>Customer-specific PPD files are treated preferentially.</p> <p>If identically named PPD files exist in the standard and the customer-specific directory,</p> <ul style="list-style-type: none"> <li>• only the PPD file from the customer-specific directory is displayed in the selection list.</li> <li>• only the customer-specific PPD file is exported.</li> </ul> <p>Upper and lower case are ignored here.</p>
directories	<p>The standard PPD files are stored in the following directory: %PLSSV%/edc/templates/ppd</p> <p>You have to store customer-specific files in the following directory: %SEAL_CUSTOMDIR%/server/edc/templates/ppd</p>
 hint - updating PPD files	<p>For the display in the selection list, the PPD files are read directly from the corresponding directory. If new PPD files are added in the directory, these are available in the selection list immediately.</p>

## 13 Importing Queues

---

.....  
This chapter deals with the following topics:

in this chapter

Topic	Page
Importing Queues - General	124
Importing Queues Directly	126
Importing Queues with Preview	128
Importing Queues by CSV File	130
Parameter Specifics at the Import via CSV File	134
Importing Virtual Queues	135

---

## Importing Queues - General

Requirement

You have imported the queue templates:

→ *Import Queue Templates, Seite 87*

You have added customer-specific parameters:

→ *Add Customer-Specific Parameters, Seite 116*

Parameters that are neither known in easyPRIMA nor included in customer-specific queue templates, are getting lost when importing.

You have defined mapping rules for the importing of queues, if necessary:

→ *Adjusting the easyPRIMA Configuration, Seite 36*

description


After you have added the different devices, you may start the initial load and import the queues. You may import them directly or use the import with preview. You have the following alternatives to start the import:

import via system group

- import via system group  
When importing via system group you may import queues from several systems in one go. The more homogeneous the systems are concerning the queue names, the easier is it, to save steps this way.

Import via system

- Import via system  
When importing via a single system the number of imported queues stays more manageable than when importing via system groups. This method is advisable, if the systems are very large or if extensive manual adjustments of the imported queue data have to be made.

 **Caution** - repeated import:

easyPRIMA is regarded as the leading system, in which all queues are managed. Changes are to be made explicitly here and subsequently exported to the appropriate systems. For this reason only a one-time import of a queue via system or system group is intended in the settings. If you wish to import the same queue from several systems, you have to modify the configuration:

→ *UPDATE\_QUEUES\_IN\_DB, Seite 301*


..... *To be continued*

## Importing Queues - General, Continuation

When importing from SAP systems you have to consider the following:


- Because of interface restrictions it is not possible to correctly determine the tray mounting. For this reason the tray number 1 is the default set for all queues. If you need the exact tray mounting, you may determine it during the import, see *UPDATE\_QUEUES\_IN\_DB*, Seite 301.

Because of interface restrictions, it is presently not possible to correctly import Unicode characters that are not displayable in ISO 8859-1. These data has to be corrected manually in easyPRIMA.

 **Caution** - import from SAP systems


Queue names may contain the following characters:

- Upper case letters A-Z
- Lower case letters a-z
- Digits 0-9
- The special characters \_ - . +
- Space

 **hint** - permitted characters in queue names

Any other characters will be replaced by underline \_ during the import.

If queues, the names of which contain space characters, are exported to PLOSSYS netdome systems, the space characters will be replaced by underlines.

 **Caution** - PLOSSYS netdome

easyPRIMA shows the results after the import.

If errors or warnings occurred during the import, you can filter for these.

Activate the corresponding checkbox:



easyPRIMA finds the appropriate results and shows them in the list.

filtering the results

# Importing Queues Directly

Requirement → *Importing Queues - General, Seite 124*

direct import via system group This is how you import queues via system group:



Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage System Groups
2	Find the desired system group in the list and click the  button at the end of the line.
3	Confirm the query. The import is started. After the import is finished, the results and a link to the log file is displayed.  Hint - manual modifications: Maybe, after the import you will have to adjust some queue data manually: → <i>Change Queues, Seite 153</i>

..... *To be continued*

## Importing Queues Directly, Continuation

.....  
 This is how you import queues via a system:

direct import via  
system

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Systems
2	Find the desired system in the list and click the  button at the end of the line.
3	Confirm the query. The import is started. After the import is finished, the results and a link to the log file is displayed.  Hint - manual modifications: Maybe, after the import you will have to adjust queue data manually: → <i>Change Queues, Seite 153</i>

.....



## Importing Queues with Preview

Requirement

→ *Importing Queues - General, Seite 124*

import with pre-  
view via system  
group

This is how you import queues via system group:

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage System Groups
2	Find the desired system group in the list and click the  button at the end of the line.
3	Confirm the query. The data compilation will be started. After the data compilation is finished, the data will be listed in a table. You may now check them and make adjustments, if necessary.
4	Click the Execute Import button above the list. The import is started. After the import is finished, the results and a link to the log file is displayed.  Hint - more extensive modifications: If you need to make more extensive modifications to the queue data, you may first save the data in a CSV file, in which you can continue processing them. → <i>Importing Queues by CSV File, Seite 130</i>



..... *To be continued*

## Importing Queues with Preview, Continuation

.....

This is how you import queues via a system:

import with pre-  
view via system

Step	Action
1	In the menu on the left, select:  Plug-in: easyPRIMA  Item: Manage Systems
2	Find the desired system in the list and click the  button at the end of the line.
3	Confirm the query. The data compilation will be started.  After the data compilation is finished, the data will be listed in a table. You may now check them and make adjustments, if necessary.
4	Click the <b>Execute Import</b> button above the list. The import is started.  After the import is finished, the results and a link to the log file is displayed.   <b>Hint - more extensive modifications:</b>  If you need to make more extensive modifications to the queue data, you may first save the data in a CSV file, in which you can continue processing them.  → <i>Importing Queues by CSV File, Seite 130</i>

.....

## Importing Queues by CSV File

Requirement	<p>.....</p> <p>→ <i>Importing Queues - General</i>, Seite 124</p> <p>.....</p>
naming	<p>The name of the CSV file is given automatically and contains the name of the systems or system group, from which the import has been started.</p> <p>.....</p>
directory	<p>The CSV file is stored in the following directory:</p> <p>\data\edc</p> <p>.....</p>
structure of the CSV file	<p>You define how the CSV file is structured and which queue parameters it contains in the <code>edc.cfg</code> configuration file in the [CSV] and [CSV\PARAMETERS] sections:</p> <p>→ <i>[CSV] Section</i>, Seite 259</p> <p>→ <i>[CSV\PARAMETERS] Section</i>, Seite 263</p> <p>.....</p>
notation	<p>The following parameters are synchronized with those existing in easyPRIMA in a case-insensitive way:</p> <ul style="list-style-type: none"> <li>• devicemodel</li> <li>• devicebrand</li> <li>• devicetemplate</li> <li>• saptemplate</li> <li>• windowstemplate</li> </ul> <p>..... <i>To be continued</i></p>

## Importing Queues by CSV File, Continuation

.....  
If a value is passed for a parameter, this value is verified.

- If the value is in the range of the particular parameter, it is saved in the database and overwrites an already existing value.
- If the value does not match the range of the particular parameter, the value is handled as an empty value and in the summary of the import results an appropriate warning is output.

validation and  
priority of the  
values

If there is no value passed for a parameter and there is already a value existing in the database, this value remains unchanged. In this case in the summary of the import results no message is output.


If for a parameter there is neither a value passed on nor set in the database, it is searched for a default, which is used. If there is no default, the value remains empty and a corresponding warning is output in the summary of the import results.

.....  
Independent of the way you process the data in the CSV file, you always must overwrite the original file when saving the modified data.

further process-  
ing

If you wish to process the CSV file by Microsoft Excel, you must save the changed file with the following file type:

CSV (Comma delimited)

 **Caution** - fur-  
ther processing  
by Excel


If you do not explicitly specify this data type, Excel will save the data in an incorrect format and they will be unusable for easyPRIMA.

..... *To be continued*

## Importing Queues by CSV File, Continuation

import by CSV  
file via system  
group

.....  
This is how you import queues via system group:

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage System Groups
2	Find the desired system group in the list and click the  button at the end of the line.
3	Confirm the query. The data compilation will be started. After the data compilation is finished, the data will be listed in a table.
4	Click the Import into CSV File button above the list. The data will be saved in a CSV file.
5	Modify the data according to your requirements and save the CSV file.
6	Click the Import <i>file_name</i> in DB button above the list. The import is started. After the import is finished, the results and a link to the log file is displayed.


..... *To be continued*

## Importing Queues by CSV File, Continuation

.....

This is how you import queues via a system:

import by CSV  
file via system



Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Systems
2	Find the desired system group in the list and click the  button at the end of the line.
3	Confirm the query. The data compilation will be started. After the data compilation is finished, the data will be listed in a table.
4	Click the Import into CSV File button above the list. The data will be saved in a CSV file.
5	Modify the data according to your requirements and save the CSV file.
6	Click the Import <i>file_name</i> in DB button above the list. The import is started. After the import is finished, the results and a link to the log file is displayed.

.....

## Parameter Specifics at the Import via CSV File

Requirement You have defined the appropriate columns for the CSV file in the edc.cfg:  
 → [CSV\PARAMETERS] Section, Seite 263

queue parameters When importing via CSV file you have to consider certain specifics concerning the following parameters:

Parameters	Description
group	Assigns the queue to the queue group specified in the column as value.  If the queue group is unknown in easyPRIMA, it is added.
marked_for_deletion	Sets or removes a deletion flag for the selected queue.   <b>Caution</b> - reimport  If you reimport a queue that is marked for deletion without a deletion flag, it is restored automatically and a warning is written into the log file.  Values: N,n,0 A potentially existing deletion flag is removed when importing. J,j,Y,y,1 The queue is marked for deletion.
SAP_OM_PADEST	Generates the value for the SAPSPool short name automatically during the import, if in the column there is not already specified a value.   <b>Caution</b> - activation required  You have to activate the automatic generation: → GENERATE_SAP_OM_PADEST_AT_IMPORT, Seite 321

## Importing Virtual Queues


easyPRIMA is able to import virtual queues like other queues.

description

If you import via CSV file, configure the corresponding parameters in the [CSV\PARAMETERS] section in the edc.cfg file.

Configure the following parameters for the CSV file:

CSV parameters

Parameters	Description
isvirtual	<p>Defines a queue as virtual queue.</p> <p>Values:</p> <p>N The queue will not be marked as virtual.</p> <p>Y The queue will be marked as virtual..</p>
virtualqueue_- type	<p>Defines the function of the virtual queue.</p> <p>Values:</p> <p>virtualqueue_failover</p> <p>virtualqueue_loadbalancer</p> <p>virtualqueue_router</p>
virtual- queue_strict_ro uting	<p>Limits the number of target queues.</p> <p> <b>Caution</b> - only if</p> <p>This parameter is required, if you have selected the virtualqueue_router function for the virtual queue.</p> <p>Values:</p> <p>N Several target queues are allowed.</p> <p>Y Only one single target queue is allowed.</p>
virtualltarget- queues	<p>contains information about virtual target queues.</p> <p>Format:</p> <p><i>"position:name of target queue:condition if virtu- alqueue_router,position:name of target queue:con- dition if virtualqueue_router,..."</i></p> <p>Example:</p> <p>'1:Target-Queue1:job.getMax- Page().le('a4')0x0A&amp;&amp;0x0Ajob.COLOR_MODEL[0] == 'COLOR',2:Target-Queue2:true'</p> <p>with</p> <p>0x0A Hexadecimally encoded line break</p>

## 14 Export Queues

---

in this chapter

This chapter deals with the following topics:

Topic	Page
Standard Export Behavior - General	137
Standard Export Behavior - SAP Systems	138
Exported Files	139
Modify the Export Properties	140
Export Queues	141

---

## Standard Export Behavior - General

easyPRIMA is regarded as the leading system, in which all queues are managed. You are advised to make changes explicitly here and then export them to the corresponding systems.

description

Depending on the way you start the exporting process the export leads to different results. If you start the exporting process for example via systems or system groups a system cleanup is done.

easyPRIMA behaves as follows when exporting:

standard export properties

Queue in easyPRIMA	Queue in the Target System	Export via	export behavior
X	X	system groups systems queue groups queues	The queue is updated.
X	-	system groups systems queue groups queues	The queue is added.
-	X	system groups systems	The queue is deleted.
		queue groups queues	The queue is ignored.
Marked for deletion	X	system groups systems Deleted queues	The queue is deleted.
		queue groups queues	The queue is ignored.

## Standard Export Behavior - SAP Systems

description

When exporting to SAP Systems you need to consider additional conditions.

standard export properties

easyPRIMA behaves during the export to SAP systems according to the parameter settings:

SAP\_EXPORT\_WITHOUT\_LOMS = Y (default):

LOMS in Queue Data	LOMS in System Data	export behavior
-	-	The queue is exported.
LOMS_1	LOMS_2	The queue is ignored.

SAP\_EXPORT\_WITHOUT\_LOMS = N:

LOMS in Queue Data	LOMS in System Data	export behavior
X	-	The queue is exported.
-	X	The queue is exported.
LOMS_1	LOMS_1	The queue is exported.
LOMS_1	LOMS_2	The queue is ignored.

SAP\_EXPORT\_WITHOUT\_DEST = N (default):

LOMS in Queue Data	LOMS in System Data	export behavior
-	-	The queue is ignored.

SAP\_EXPORT\_WITHOUT\_DEST = Y:

LOMS in Queue Data	LOMS in System Data	export behavior
-	-	The queue is exported globally to the SAP system.

SNC encryption

easyPRIMA supports the SNC encryption. If you have activated Secure Network Communications, the corresponding parameters are written into the `saprfc.ini` file.



reference

You will find further information in [SAP\_BASECONF\_SNC\_TEC]

## Exported Files

---

.....  
The export of queues to PLOSSYS netdome systems includes all files belonging to the queue templates and all PLOSSYS netdome printer driver files. This includes

PLOSSYS net-  
dome

- Output scripts
- P2P configuration files
- DB files
- Printer configuration files independent of them containing customer-specific changes.

All these files will be overwritten in the target systems during the export.

.....

## Modify the Export Properties

### description

After you have finished the assignments for the queues, you may adjust the export properties. However, this is necessary only, if the standard export properties do not answer your requirements.

### changing possibilities

You can change the export behavior via:

- system parameters in the user interface  
→ *System Cleanup for Queues*, Seite 199  
→ *Delete printers without LOMS*, Seite 207
- the edc.cfg configuration file  
→ *[SETTING] Section*, Seite 323

### instructions

This is how you adjust the export behavior in the edc.cfg configuration file:

Step	Action
1	Open the command prompt or shell of easyPRIMA.
2	Switch to the \server\edc\conf directory.
3	Open the edc.cfg file in a text editor.
4	Change the desired parameters according to your requirements. → <i>[SETTING] Section</i> , Seite 323
5	Save the configuration file and exit.


## Export Queues

- 
- You have the appropriate access rights to carry out the export. Usually, these are the access rights of an administrator. requirements
  - The systems, to which you wish to export, are running.
  - The firewalls allow accessing:  
→ *System-independent Preparations*, Seite 25
  - The defined export behavior matches your needs:  
→ *Modify the Export Properties*, Seite 140
- 


If in easyPRIMA you have created new queues, changed existing queues or marked queues for deletion that are no longer needed, you have to export the changes to the separate systems so they will be effective. description

---

If you export queues to a PLOSSYS netdome system, the exported configuration changes are active immediately only, if the queue is not processing jobs at the time of the export. Queues that are processing jobs at the time of the export, need to be stopped and restarted.

 **Caution** - export to PLOSSYS netdome systems


If you export queues to PLOSSYS netdome 4.7.0 systems, in rare cases particular Cyrillic, Chinese and Japanese UTF-8 characters are not decoded correctly. In this case, deactivate the rereading of the plossys.cfg:

 **Caution** - UTF-8 characters in PLOSSYS netdome 4.7.0

→ *EXPORT\_ISCLI\_QUEUE\_LIMIT*, Seite 267


---

If you export queues to SAP system, the queue configuration existing in the system is backed up automatically. In case of problems occurring with the new queue configuration, you may restore the old queue configuration by means of the /seal/oms\_impexp transaction.


 **hint** - export to SAP systems

The /seal/oms\_impexp transaction is part of SAP. How you start this transaction is described in [SAP\_OMS\_TEC].

---

 **further information**

You can only export queues of the Normal Printer device class into SAP systems.

 **Caution** - device classes in SAP systems

When importing queues from SAP systems additional values for the PAARCHIVER parameter, i. e. the device class, are stored in easyPRIMA. But these values are not supported by easyPRIMA. If you set another value than Normal Printer, the queue will no longer be exported to SAP systems.

---


..... *To be continued*

## Export Queues, Continuation


export options

.....  
The export may be carried out via system groups, systems, queue groups or as well for single queues. Which of these procedures you should select, depends firstly on the extent of the changes and secondly on whether you wish to clean up the systems:

- If only a single or a few queues are affected, it will be sufficient to export these.
- If the queues of a special system are affected, you should carry out the export via this system.
- If the queues belong to several systems, the export via a system group or queue group may be reasonable.
- If you wish to have the systems cleaned up, i. e. the queues that have been created in the systems by other applications than easyPRIMA are to be deleted, you have to carry out the export via system groups or systems in either case.

 **Caution** - queues are deleted

When exporting via systems and system groups a system cleanup is done, e. g. queues that are not registered in easyPRIMA are deleted from the systems.  
The procedures for the different options are described in the following.

 hint - using the search function:

.....  
You may use the search function above the queue list for selecting the queues.  
→ *Mark Queues for Deletion, Seite 154*

filtering the results


.....  
easyPRIMA shows the results after the export.  
If errors or warnings occurred during the export, you can filter for these.  
Activate the corresponding checkbox:  
easyPRIMA finds the appropriate results and shows them in the list.

..... *To be continued*

## Export Queues, Continuation

.....  
 This is how you export via queues:

export vial  
 queues




Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Queues
2	Select the desired queues in the list and click the  button above the list. A window with the list of assigned systems is opened.
3	Select the desired systems in the list and confirm the input. Then all selected queues are exported to the selected systems.

..... *To be continued*

## Export Queues, Continuation

export via queue groups

This is how you export via queue groups:




Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Queue Groups
2	Select the desired queue group in the list and click the  button at the end of the line.
3	Confirm the confirmation prompt with OK. The appropriate queues are exported to all systems, they belong to.
4	Repeat the steps 2 to 3 for any other queue group.  Hint - several queue groups: If you wish to export a larger number of queues in several queue groups, you may use the  button above the list. Then all queues are exported to the appropriate systems.

..... *To be continued*

## Export Queues, Continuation

.....  
 This is how you export via systems:

export via sys-  
 tems




Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Systems
2	Select the desired system in the list and click the  button at the end of the line.
3	Confirm the confirmation prompt with OK. The appropriate queues will be exported to the system. The systems are cleaned up.
4	Repeat the steps 2 to 3 for any other system.  Hint - several systems: If you wish to export a larger number of queues in several systems, you may use the  button above the list. Then all queues are exported to the appropriate systems.

..... *To be continued*

## Export Queues, Continuation

export via system groups

.....  
This is how you export via system groups:

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage System Groups
2	Select the desired system group in the list and click the  button at the end of the line.
3	Confirm the confirmation prompt with OK. The appropriate queues are exported to all systems, they belong to. The systems are cleaned up.
4	Repeat the steps 2 to 3 for any other system group.  Hint - several system groups: If you wish to export a larger number of queues in several system groups, you may use the  button above the list. Then all queues are exported to the appropriate systems.




..... *To be continued*

## Export Queues, Continuation

.....

This is how you export via deleted queues:

export via deleted queues

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Deleted Queues
2	Select the desired queue in the list and click the  button at the end of the line.
3	Confirm the confirmation prompt with OK. The queue will be deleted from all systems, it belongs to.
4	Repeat the steps 2 to 3 for any other queue.  Hint - several queues: If you wish to delete a larger number of queues, you can select them and use the  button above the list. Then all queues are deleted from the appropriate systems.

.....

## 15 Managing Queues

description

This chapter describes how you work with easyPRIMA as a normal user.

in this chapter

The following table gives an overview about the separate applications, which are available for you as a standard user:

Topic	Page
Create Queues	149
Generating SAP Queue	150
Set up Virtual Queues	151
Change Queues	153
Mark Queues for Deletion	154
Restore Queues Marked for Deletion	155
Delete Queues from easyPRIMA	156
Remove Queues from the Systems	157
Use the Search Function	158






## Create Queues

→ *Log on to the System, Seite 40*

Requirement

This is how you add a new queue:

instructions

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Queues
2	Click the  button above the list.
3	Enter the required data of the queue: → <i>Queue - Mandatory Parameters, Seite 212</i> → <i>Queue - Optional Parameters, Seite 215</i>
4	Confirm the input.   <b>Caution</b> - assignments to queue groups: The new queue has to be assigned to at least one queue group, in order that it can be exported to the appropriate systems: → <i>Assign Particular Queue Groups and Queues, Seite 79</i> → <i>Assign Several Queue Groups and Queues, Seite 81</i>
5	Repeat the steps 2 to 4 for any other queue.   <b>Hint</b> - several queues with similar data: If several queues have similar data, for example the same brand or the same driver template, you may simplify the entry by copying the queue data. Click the  button at the end of the line.   <b>Caution</b> - new queue name when copying: You can give a new queue name only in the copying process itself. Afterwards the queue name is not editable any more.

## Generating SAP Queue

Requirement

→ *Create Queues*, Seite 149  
 → *ACTION\_PASSON\_SAPQUEUE*, Seite 284



description

Under certain circumstances SAP systems can pass on output jobs only with limited output parameters.

In order to ensure the output being processed with the desired parameters you may have SAP queues being generated that provide the required settings.

instructions

This is how you add a new SAP queue:

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Queues
2	Select the desired queue in the list and click the  button at the end of the line. The selected queue is used as master queue on the settings of which the generated SAP queues are based.
3	Change the required data of the SAP queue. → <i>Additional SAP Parameters for Subqueues</i> , Seite 228  hint - queue name: If you do not specify a new queue name, the queue will be named automatically by adding an extension to the name of the master queue depending on the changed output parameter, e. g: <ul style="list-style-type: none"> <li>• E for one-sided printing</li> <li>• F for color printing</li> <li>• Paper size for the media size, e. g. A3</li> <li>• L for landscape</li> <li>• M for the manual tray or the tray number</li> <li>• B for bank check printing or X for native printing</li> </ul>
4	Confirm the input. The SAP queue is displayed in the queue list with a preceding dash as a subqueue to the corresponding master queue.

## Set up Virtual Queues

Virtual queues are queues that do not lead to a specific device. Instead they contain a list of queues that are possible end devices. To which queue the print data are sent, depends on the purpose for which you have set up the virtual queue.

description

You can use a virtual Queue as

purpose

- **Failover queue**  
All queues you assign to the virtual queue have to be configured identically. If the initial queue is not available, the listed queues are sequentially used as target queue until the job can be output.
- **Load balancing queue**  
All queues you assign to the virtual queue have to be configured identically. The output job is sent to the first queue in the list that returns that it is idle.
- **Router**  
The queues you assign to the virtual queue can be configured differently. You have to specify at least one condition for each listed queue on which this queue is used as output queue. The job is sent to the queue from the list, the conditions of which match the output job.

The following systems are able to use virtual queues:

systems



- PLOSSYS Output Engine
- SEAL APW
- SAP

*To be continued*

## Set up Virtual Queues, Continuation

instructions

This is how you add a new virtual queue:

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Queues
2	Click the  button above the list.
3	Enter the required data of the virtual queue: → <i>Queue Data - Parameters, Seite 211</i>
4	Select the function of the virtual queue: → <i>Additional Parameters for virtual Queues, Seite 233</i>
5	Confirm the input.  Hint - virtual queue as router: If you use the virtual queue as router, now you have to enter the conditions for each assigned queue and then Apply.
6	Repeat the steps 2 to 5 for any other virtual queue.




## Change Queues

→ *Log on to the System, Seite 40*

Requirement

This is how you change queues:





instructions

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Queues
2	Select the desired queues in the list and click the  button above the list.   hint - using the search function: You may use the search function above the queue list for selecting the queues. → <i>Use the Search Function, Seite 158</i>
3	Change the required data of the queue. → <i>Queue - Mandatory Parameters, Seite 212</i> → <i>Queue - Optional Parameters, Seite 215</i>   <b>Caution</b> - non-editable parameters: The queue name is not editable.
4	Confirm the input. By the next export the changes will be transferred to the appropriate systems.

## Mark Queues for Deletion

Requirement → *Log on to the System, Seite 40*

instructions This is how you mark queues for deletion:

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Queues
2	Select the desired queues in the list and click the  button above the list.   Hint - mark a single queue for deletion: If you wish to mark a single queue for deletion, select the desired queue in the list and click the  button at the end of the line.   hint - using the search function: You may use the search function above the queue list for selecting the queues. → <i>Use the Search Function, Seite 158</i>
3	Confirm the confirmation prompt with OK.  The selected queues are marked for deletion in easyPRIMA, i. e. moved to the list of deleted queues.  By the next export via systems or system groups all queues marked for deletion will be deleted from the appropriate systems. However, in easyPRIMA they will remain in the list of deleted queues. → <i>Delete Queues from easyPRIMA, Seite 156</i>

## Restore Queues Marked for Deletion





→ *Log on to the System, Seite 40*

Requirement

→ *Mark Queues for Deletion, Seite 154*

This is how you restore queues marked for deletion:

instructions

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Deleted Queues
2	Select the desired queues in the list and click the  button above the list.   Hint - restore a single queue: If you wish to restore a single queue only, select the desired queue in the list and click the  button at the end of the line.   hint - using the search function: You may use the search function above the queue list for selecting the queues. → <i>Use the Search Function, Seite 158</i>
3	Confirm the confirmation prompt with OK.  The selected queues are restored in easyPRIMA, i. e. moved to the queue list.  By the next export via systems or system groups the restored queues will be integrated again in the appropriate systems.

## Delete Queues from easyPRIMA





Requirement

→ *Log on to the System, Seite 40*

→ *Mark Queues for Deletion, Seite 154*

instructions

This is how you delete a queue from easyPRIMA:

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Deleted Queues
2	Select the desired queues in the list and click the  button above the list.   Hint - delete a single queue: If you wish to delete a single queue, select the desired queue in the list and click the  button at the end of the line.   hint - using the search function: You may use the search function above the queue list for selecting the queues. → <i>Use the Search Function, Seite 158</i>
3	Confirm the confirmation prompt with OK. The queue will be deleted from easyPRIMA. If queues are not already deleted from all the systems, this will be done during the next export via systems or system groups.

## Remove Queues from the Systems

.....  
If you wish to delete queues that are marked for deletion from the systems, you have to export them, just as you do with any other changes. description

→ *Export Queues*, Seite 141

.....

## Use the Search Function

description

With the search function you may search for any parameters that exist for the wanted object. These are for example brand, output method and location for queues or address, e-mail and phone number for contact persons.

The advanced search is available for the following lists: queues, queue groups, systems, system groups, queue parameters, contact persons and deleted queues.

search terms

You may specify the following search terms:

- All values that are valid for the selected parameter.
- Any character string that is part of the value of the selected parameter.

The search is case-insensitive.

preferred search terms

You may define often used search terms as favorites:

- *QUEUE\_FILTERFAVORITES*, Seite 277
- *SYSTEM\_FILTERFAVORITES*, Seite 278
- *XXX\_FILTERFAVORITES*, Seite 279

relational operators

You may select the following relational operators:

- =  
All objects, the value of which exactly match the search term, are displayed.
- ~  
All objects, the value of which is part of the specified string, are displayed.
- !=  
All objects, the value of which exactly matches the search term, are hidden from the list.
- !~  
All objects, the value of which is part of the specified string, are hidden from the list.

example

You wish to have a list of all queues for which a comment is entered.

Select the relational operator != and the search term "".

*To be continued*

## Use the Search Function, Continuation

.....  
This is how you execute the search:

instructions

Step	Action
1	Select the desired parameter in the selection list.
2	Select the desired relational operator.
3	Enter the desired character string in the input field.
4	If you need further search criteria, add more lines with the +-character.
5	Select the desired logical operator for the search criteria.
6	Repeat the steps 1 to 3 for any other search criteria.
7	Click the Apply button. The search is executed immediately and the results are displayed in the list.

.....

## 16 Access Control

description

.....  
The access control enables you to define which user group is allowed to take which actions:

- The general access control applies to actions that concern easyPRIMA itself and the execution of certain actions in general.
- The specific access control enables you to assign privileges for each system group, queue group, system and queue separately.

in this chapter

.....  
The following table gives an overview of the several operations you have to do as an administrator:

Topic	Page
General Access Control	161
Specific Access Control	166

## 16.1 General Access Control

---

This chapter deals with the following topics:

in this chapter

Topic	Page
User Groups	162
Privileges of User Groups	163
Changing Privileges of User Groups	165

---

## User Groups

description


.....  
easyPRIMA is conceptually designed for an activated user management. You need to assign a user at least to one user group to specify which actions the user is allowed to take in easyPRIMA.

You can assign a user only to exactly one user group. Assigning to several user groups is impossible.  
.....

default user groups

The following user groups are available as default:

- ADMINISTRATOR
  - USER
  - ANONYMOUS
- .....

 further information

The access control is part of SEAL Control Center. Changes concerning users and user groups are described in [SEALCC\_TEC].  
.....

## Privileges of User Groups

easyPRIMA uses own privileges, privileges that are needed for the PostgreSQL database and privileges of SEAL Control Center and System Status.

description

Depending on the privileges a user has, the main menu of easyPRIMA may contain a different number of menu items. If a user is missing the privilege to change something, he may nonetheless have reading access to information.

effects

You may disable the reading access.

→ *USE\_STRICT\_SHOW\_RIGHTS*, Seite 292

The user groups have the following default privileges:

default privileges, part 1

Group Privilege	Administrator	User	Anonymous
SEAL DB Manage Departments	X	-	-
SEAL DB Display User Actions	-	-	X
SEAL DB Manage User Actions	X	-	-
SEAL DB Manage Contact Persons	X	-	-
SEAL DB Display Systems	-	-	X
SEAL DB Manage Systems	X	-	-
SEAL DB Display System Groups	-	-	X
SEAL DB Manage System Groups	X	-	-
SEAL DB Manage Access Permissions	X	-	-
Install SEAL Update Package	X	-	-
SEALCC Manage User Groups	X	-	-
SEALCC Manage User Accounts	X	-	-
SEALCC Change Own Password	X	X	-
SEALCC Show Installation Details in Start Window	X	-	-
SEALCC Manage Plug-ins	-	-	-
SEALCC Set Log Level for SEAL Control Center	X	-	-
SEALCC Show Log File	X	-	-
SEALCC Delete Log File	X	-	-

*To be continued*

## Privileges of User Groups, Continuation

default privileges, part 2

Continuation:

Group Privilege	Administrator	User	Anonymous
SEALCC Set Language for User Interface	X	X	X
SEALCC Change Defaults for SEAL Control Center	X	-	-
SEALCC Activate Access Control for SEAL Control Center	X	-	-
System Status Show Log File	X	-	-
System Status Show Status	X	X	X
System Status Start and Stop System	X	-	-
System Status Assign Systems	X	-	-
System Status Configure	X	-	-
easyPRIMA Manage Connector	X	X	-
easyPRIMA Manage Deleted Queues	X	X	-
easyPRIMA Display Queue Groups	-	-	X
easyPRIMA Manage Queue Groups	X	-	-
easyPRIMA Display Queues	-	-	X
easyPRIMA Export Queues	X	-	-
easyPRIMA Import Queues	X	-	-
easyPRIMA Manage Queues	X	X	-
easyPRIMA Export Queues via Groups	X	-	-
easyPRIMA Manage Windows Templates	X	X	-
easyPRIMA Manage Windows Drivers	X	X	-
easyPRIMA Manage Installation	X	-	-


## Changing Privileges of User Groups

.....  
You may grant further privileges to a user group or restrict them.  
.....


description

If you grant an export privilege to a user group, you need to consider the following:

- The export of queues via queue groups, systems or system groups is a cross-system process that includes the queues of complete output management systems. When exporting on one of these ways, always all queues of the particular system will be included, independent of whether the user, who starts the exporting process, has the privilege to view or change these queues.
- A user, who is responsible for specific queues, will only have these queues displayed in the regular views of easyPRIMA. If a different user is responsible for other queues in the same output management system, these queues will be included in the export via queue groups, systems and system groups as well. In the list of results the names of all queues are displayed, independent of whether the user, who starts the exporting process, has the privilege to view these queues. This is necessary to detect errors that might have occurred during the exporting process.

 **Caution** -  
changing the ex-  
port privileges

.....  
The access control is part of SEAL Control Center. Changes concerning users and user groups are described in [SEALCC\_TEC].  
.....

 further infor-  
mation

## 16.2 Specific Access Control

Requirement

The user group basically has the necessary general privileges:

→ *Privileges of User Groups*, Seite 163

description

The specific access control allows you to assign privileges for each system group, queue group, system and queue separately.



**Caution** - assignment required

By default the privileges for these objects are granted to any user group that has the necessary general privilege. As soon as you assign privileges of an object specifically to a user group all other use groups are deprived of these privileges.

in this chapter

This chapter deals with the following topics:

Topic	Page
Access to System Groups	167
Access to Systems	168
Access to Queue Groups	169
Access to Queues	170

## Access to System Groups


.....  
The following privileges are available:

- Permission for reading access
- Permission for reading access to assigned systems
- Permission for writing access
- Permission for writing access to assigned systems
- Permission for exporting
- Permission for exporting queues to assigned systems

available privi-  
leges

.....  
This is how you change the object privileges of system groups:

instructions

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage System Groups
2	Select the desired system group in the list. For this click the name of the system group or the  button at the end of the line.
3	At the privilege you wish to change select the desired user group in the Available User Groups list on the left and move it with the arrow > to the Authorized User Groups list.
4	Confirm the input.

## Access to Systems


available privileges

The following privileges are available:

- Permission for reading access
- Permission for writing access
- Permission for exporting

instructions

This is how you change the privileges of objects for systems:

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Systems
2	Select the desired system in the list. For this click the name of the system or the  button at the end of the line.
3	At the privilege you wish to change select the desired user group in the Available User Groups list on the left and move it with the arrow > to the Authorized User Groups list.
4	Confirm the input.

## Access to Queue Groups


.....  
The following privileges are available:

- Permission for reading access
- Permission for reading access to assigned queues
- Permission for writing access
- Permission for writing access to assigned queues
- Permission for exporting
- Permission for exporting assigned queues

available privi-  
leges

.....  
This is how you change the object privileges of queue groups:

instructions

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Queue Groups
2	Select the desired queue group in the list. For this click the name of the queue group or the  button at the end of the line.
3	At the privilege you wish to change select the desired user group in the Available User Groups list on the left and move it with the arrow > to the Authorized User Groups list.
4	Confirm the input.

## Access to Queues


available privileges

The following privileges are available:

- Permission for reading access
- Permission for writing access
- Permission for exporting

instructions

This is how you change the object privileges of queues:

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Queues
2	Select the desired queue in the list. For this click the name of the queue or the  button at the end of the line.
3	At the privilege you wish to change select the desired user group in the Available User Groups list on the left and move it with the arrow > to the Authorized User Groups list.
4	Confirm the input.

## 17 Log Files

---

This chapter deals with the following topics:

in this chapter

Topic	Page
View the edcchange.log Log File	172
Delete the edcchange.log Log File	173
View the Log File edc.log	174
Specify the log level of edc.log	175
Define the Maximum File Size of edc.log	176
Delete the edc.log Log File	177
Audit Log File for Kibana	178

---

## View the edcchange.log Log File

requirement

You are logged on to easyPRIMA as an administrator:

→ *Log on to the System*, Seite 40

Description

The edcchange.log log file logs all changes made in easyPRIMA.

instructions

This is how you can view the items in the edcchange.log log file:

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Changes
2	In the Log File edcchange.log section the items of the file are displayed.

## Delete the edcchange.log Log File

.....  
 You are logged on to easyPRIMA as an administrator:

requirement


→ *Log on to the System, Seite 40*

.....  
 The edcchange.log log file logs all changes made in easyPRIMA.

Description

.....  
 This is how you delete the edcchange.log log file:

instructions

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Changes
2	Click the  button above the window with the log data.
3	Confirm the notification. The items in the log file will be deleted. It will contain only the reference to the deletion afterwards.

.....

## View the Log File edc.log

### requirement

You are logged on to easyPRIMA as an administrator:

→ *Log on to the System, Seite 40*

### Description

The edc.log log file logs all actions in the program flow for a potentially necessary debugging.

You may define, how detailed these actions are logged, according to your needs:

→ *Specify the log level of edc.log, Seite 175*

### instructions

This is how you may view the items in the edc.log log file:

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Show Log
2	In the main window the items of the file are displayed.

## Specify the log level of edc.log

.....  
 You are logged on to easyPRIMA as an administrator:


requirement

→ *Log on to the System*, Seite 40


.....  
 The edc.log log file logs all actions in the program flow for a potentially necessary debugging.

Description

You are allowed to define, which information is logged in the file. The setting is done centrally in SEAL Control Center and is described in [SEALCC\_TEC].

 further information

If scripts, for example updateprinter.exe, record errors, these are written into the edc.log log file with the maximum log level, independent of the log level set for this file.

 **Caution** - messages from other scripts

.....  
 You may specify the following values:

values

Value	Description
Trace	Logs errors, warnings, detailed information about the program flow and information about the executed program code.
debug	Logs errors, warnings and detailed information about the program flow.
Info	Logs errors, warnings and information about the program flow.
Run	Logs errors, warnings and start and stop messages.
Warning	Logs errors and warnings.
Error	Logs errors only.

.....

## Define the Maximum File Size of edc.log

requirement

You are logged on to easyPRIMA as an administrator:

→ *Log on to the System*, Seite 40

Description


The edc.log log file logs all actions in the program flow for a potentially necessary debugging. If the file size exceeds the defined limit, it will be renamed to edc.log.old and the following actions will be written into a new edc.log file. You may view the data in the edc.log.old file only in an editor then. However, you may adjust the maximum size of the log file according to your needs.

default

- The maximum size of edc.log is about 100 MB (104857600 B).
- The limit for creating an edc.log.old is about 50 MB (52428800 B).

instructions

This is how you define the maximum size of the edc.log log file:

Step	Action
1	Open the command prompt or shell of easyPRIMA.
2	Change to the home directory of easyPRIMA, if necessary.
3	<p>Enter the MAX_LOG_SIZE environment variable with the desired file size in Byte. The value specified here will be used for the sum of the file sizes of edc.log and edc.log.old.</p> <p> <b>Caution</b> - further effects: The MAX_LOG_SIZE environment variable is used by several products of SEAL Systems. A change here will effect other programs as well.</p>

## Delete the edc.log Log File

.....  
 You are logged on to easyPRIMA as an administrator:

requirement

→ *Log on to the System*, Seite 40

.....

The edc.log log file logs all actions in the program flow for a potentially necessary debugging.


.....

Description

This is how you delete the edc.log log file:

.....

instructions

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Show Log
2	Click the  button above the window with the log data.
3	Confirm the notification. The items in the log file will be deleted. It will contain only the reference to the deletion afterwards.

.....

## Audit Log File for Kibana

requirement

You are logged on to easyPRIMA as an administrator:

→ *Log on to the System*, Seite 40




Description

easyPRIMA can provide an audit log file for Kibana. easyPRIMA saves the user actions in the following log file:

useractions\_json.log

instructions

This is how you activate the audit log file:

Step	Action
1	Activate the audit log file in the edc.cfg: → <i>ACTION_HISTORY_JSON_LOG</i> , Seite 281
2	Install Filebeat on the management server.  Hint - Filebeat version: Install the same version you use in PLOSSYS Output Engine, at least SEAL Elastic Stack version 1.1.0.  reference For further information on installing Filebeat, refer to the online documentation of PLOSSYS Output Engine or SEAL Elastic Stack.
3	Add the path to the audit log file of easyPRIMA in the following Filebeat configuration file: <ul style="list-style-type: none"> <li>Linux: /opt/seal/etc/filebeat-easyprima.yml</li> <li>Windows: C:\ProgramData\SEAL Systems\config\filebeat-easyprima.yml</li> </ul>  Example - path to the a Audit log file: <pre>filebeat:   inputs:     - type: log       paths:         - "C:\\ProgramData\\SEAL Systems\\log\\*.log"         - "C:\\SEAL\\applications\\data\\log\\useractions_json.log"</pre>
3	Rename the filebeat-easyprima.yml configuration file as filebeat.yml.
4	Restart Filebeat.

# 18 Backup

.....

This chapter deals with the following topics:

in this chapter

Topic	Page
Back Up the Currently Stored Data	180
Restore a Backup	181
Restoring a Backup on a new Server	182
Delete Obsolete Backups	183


.....

## Back Up the Currently Stored Data

requirement


You are logged on to easyPRIMA as an administrator:

→ *Log on to the System, Seite 40*

 hint - automatic backup

If you stop easyPRIMA, always a backup of the currently stored data is created. When restarting it is checked, whether the necessary tables are existing. If they are not existing, they are created anew. If the tables are empty, the backup will be restored.



You may create a manual backup at any time.

 **Caution** - product version

You can only restore a backup in the product version it has been created with.

instructions

This is how you create a manual backup:

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Changes
2	Click the  button above the List of available backups of the easyPRIMA database. A small pop-up window is opened.   Hint - manually created backups only: In the list only the manually created backups are displayed, not the one that easyPRIMA automatically creates when stopping.
3	Enter a comment in the text field, for example a reason for the backup, and confirm the input.  The pop-up window will be closed and the backup will be created and displayed in the list subsequently.


## Restore a Backup

You are logged on to easyPRIMA as an administrator:

→ *Log on to the System, Seite 40*


requirement

If you start easyPRIMA, it is always checked, whether the needed tables are existing in the database. If necessary, these will be created anew and the backup that has been created automatically when stopping, will be restored.

 hint - restore an automatic backup


You may create a manual backup at any time, anyway. In this case an additional backup is created, which you will find in the List of available Backups of the easyPRIMA database with the Autogenerated before database migration designation. The automatic data migration also checks these additional backups for required tables.

You can only restore a backup in the product version it has been created with.

 **Caution** - product version

This is how you restore a manually created backup:

instructions

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Changes
2	Find the desired backup in the List of available backups of the easyPRIMA database and click the  button at the end of the line.
3	Confirm the confirmation prompt with OK. The selected backup will be restored.

## Restoring a Backup on a new Server

### requirement

You are logged on to easyPRIMA on the old server as an administrator:

→ *Log on to the System*, Seite 40

You have installed easyPRIMA on the new management server:

→ *Install easyPRIMA*, Seite 35

### description

You can restore a backup from a easyPRIMA installation in a new installation of the same version: This is how you can move it to a new server



hint - configuration

The data backup always contains the configuration of easyPRIMA, too. Therefore you only need to install easyPRIMA on the new server.



**Caution** - product version

You can only restore a backup in the product version it has been created with.

### instructions

This is how you restore a backup on a new server:

Step	Action
1	Create an up-to-date backup on the old server. → <i>Back Up the Currently Stored Data</i> , Seite 180
2	In a PowerShell (Administrator) or a file manager, change to the following directory: C:\SEAL\applications\data\edc\rollback
3	Find the directory with the latest timestamp. This contains the newest backup.
4	Copy the directory with the backup completely into the corresponding directory on the new server: C:\SEAL\applications\data\edc\rollback
5	Start easyPRIMA on the new server.
6	Restore the latest backup: → <i>Restore a Backup</i> , Seite 181

## Delete Obsolete Backups

.....  
 You are logged on to easyPRIMA as an administrator:


requirement

→ *Log on to the System, Seite 40*

.....

This is how you delete a manually created backup:

instructions

Step	Action
1	In the menu on the left, select: Plug-in: easyPRIMA Item: Manage Changes
2	Find the desired backup in the List of available backups of the easyPRIMA database and click the  button at the end of the line.
3	Confirm the confirmation prompt with OK. The selected backup will be deleted.

.....

## 19 Tips and Tricks

---

in this chapter

This chapter provides help concerning the following topics:

Topic	Page
Adjusting the Generation of the SAPSPOOL Short Name	185
Adjust Output Parameters Depending on the Device	186
Driver Settings (DEVMODE) are not exported	189
Distribute Queue Templates to PLOSSYS netdome Systems without Export	190
Activate Stamping for Windows Printing	191

---

## Adjusting the Generation of the SAPSPPOOL Short Name

.....  
 You have activated the automatic generation of the SAPSPPOOL Short Name: requirement

→ *GENERATE\_SAP\_OM\_PADEST*, Seite 320

You have specified the desired initial value:

→ *SAP\_OM\_PADEST*, Seite 322

.....  
 Only alphanumeric characters are used for generating, i. e. the numbers 0-9 and the upper case letters A-Z. Lower case letters are automatically converted to upper case letters. standard method

Default initial value is 0000.

With each SAPSPPOOL short name that is assigned the fourth position is incremented by one as it is with natural numbers.

0000, 0001, 0002, ...

After number 9 has been assigned letters are next:

... 0009, 000A, 000B, ...

After Z has been assigned a carry to the third position is made:

... 000Z, 0010, 0011, ...

This way it is done with all other positions until the highest possible value is reached:

... ZZZZ

If gaps occur in the numbering, they will be filled. If all values in the namespace are in use, a warning is displayed.

.....  
 If you need further changes in the assignment method of the SAPSPPOOL short name apart from the initial value, you may enter these changes in the customer.pm file. changing the method

## Adjust Output Parameters Depending on the Device

problem description

.....  
Sometimes manufacturers use values for output parameters that can only be used for their own devices. Devices of other brands do not support these values.

If such a value would just be added in a standard parameter in easyPRIMA, it could be selected for devices of other brands and cause output errors.

solution

.....  
Create a second output parameter that contains all standard values as well as the required additional value.

This second output parameter is only allowed to be used for the corresponding devices and replaces the original output parameter for them.


You need to make the original output parameter invisible for these devices, i. e. delete it.



For all other devices you can use the standard parameter as before. Nothing changes for these devices.

..... *To be continued*

## Adjust Output Parameters Depending on the Device, Continuation


This is how you adjust output parameters depending on the device:

 example,  
part 1

Step	Action
1	<p>By default the tray1 parameter is defined.</p> <p>File:</p> <pre>/edc/conf/plossys/parameters.cfg</pre> <p>Extract:</p> <pre>[PARAMETERS\tray1] DATATYPE = "ENUM" DEFAULT = "INTRAYAUTODEV" NAME = "PLS_TRAY_1" RANGE = "INTRAYAUTODEV INTRAYMANUAL INTRAY1 INTRAY2 INTRAY3 INTRAY4 INTRAY5 INTRAY6" TYPE = "JOB"</pre> <p>In the driver the default drop down menu is displayed.</p> <p> Hint - date of change of the file</p> <p>If you overwrite the parameters.cfg file with a version with an older date of change, update the date of change in the file.</p>
2	<p>For printers of the XXX brand you need additional values that are not supported by other brands.</p> <p>Define the new tray1_XXX parameter.</p> <p>File:</p> <pre>/edc/conf/plossys/parameters.customer.cfg</pre> <p>Extract:</p> <pre>[PARAMETERS\tray1_XXX] DATATYPE = "ENUM" DEFAULT = "INTRAYAUTODEV" NAME = "PLS_TRAY_1" RANGE = "INTRAYAUTODEV INTRAYMANUAL INTRAY1 INTRAY2 INTRAY3 INTRAY4 INTRAY5 INTRAY6 PA DB FO SP1 SP6 SP10" TYPE = "JOB"</pre> <p> Hint - date of change of the file</p> <p>If you overwrite the parameters.customer.cfg file with a version with an older date of change, update the date of change in the file.</p>

..... *To be continued*

## Adjust Output Parameters Depending on the Device, Continuation

 example,  
part 2

Continuation:

Step	Action
3	<p>Allow the displaying of the new parameter.</p> <p>File:</p> <pre>tools\omsconfig\sealdrv\3\global_basic.lay</pre> <p>Extract:</p> <pre>[box_common] Content=tray1 tray2 tray1_XXX tray2_XXX UpdateChange=false</pre>
4	<p>tray1_XXX need to be activated, if brand XXX is specified.</p> <p>Create a new configuration file for this:</p> <pre>/edc/conf/plossys/devicebrand.cfg</pre> <p>Extract:</p> <pre>[XXX] default = tray1_XXX = "INTRAYAUDEV" line = [QUEUES\tray1_XXX]  default = tray2_XXX = "INTRAYAUDEV" line = [QUEUES\tray2_XXX]</pre> <p>In the driver the additional values are displayed in the drop down menu of the XXX devices.</p>
5	<p>For XXX devices the standard parameter must not be displayed any more.</p> <p>Delete the standard parameter for XXX devices.</p> <p>File:</p> <pre>/edc/conf/plossys/devicebrand.cfg</pre> <p>Extract:</p> <pre>[XXX] default = tray1_XXX = "INTRAYAUDEV" line = [QUEUES\tray1_XXX]  default = tray2_XXX = "INTRAYAUDEV" line = [QUEUES\tray2_XXX]  delete = tray1 delete = tray2</pre>

## Driver Settings (DEVMODE) are not exported

.....

If you select Windows at the System Type system parameter and specify a version, the driver settings (DEVMODE) that have been imported before are not exported to the system any more. problem description

.....

The driverconfigurationid in the wintemplates.resources table is assigned to the Windows Version a11. As soon as a Windows version is specified easyPRIMA searches in the table belonging to the version, which has no specified value. reason

.....

The DEVMODE files are exported, if the configuration in easyPRIMA is complete. This behavior is intended. solution

Depending on the behavior that you need you have the following possibilities:

1. variant 1 variant 1
- You have specified a Windows version.
  - You have not made version-specific changes in the settings.

Result: The DEVMODE files are exported to the Windows system.

2. variant 2 variant 2
- You have specified a Windows version.
  - You have made version-specific changes in the settings that correspond to the version of the Windows system.
  - You have not changed the driver settings.

Result: The DEVMODE files are not exported to the Windows system.

3. variant 3 variant 3
- You have specified a Windows version.
  - You have made version-specific changes in the settings that correspond to the version of the Windows system.
  - You have made changes in the driver settings.

Result: The DEVMODE files are exported to the Windows system.

.....

## Distribute Queue Templates to PLOSSYS netdome Systems without Export

description

.....  
You may distribute new or updated queue templates to any PLOSSYS netdome system configured in easyPRIMA without having to export queues. For this the following script is available:

```
edctransfertemplates.pl
```

Call

.....  
This is how you call the script:

```
edctransfertemplates.pl -i "Template_1|Template_2|Template_3"
```

.....

## Activate Stamping for Windows Printing

The stamping functionality is rarely needed for printing under Windows. The stamp configuration has been deactivated by default. You can reactivate it in SEAL Master Driver

description

This is how you activate the stamping functionality in SEAL Master Driver 6.x

instructions,  
SEAL Master  
Driver 6.x

Step	Action
1	Open the following file in an editor: <code>/tools/omsconfig/sealdrv/3/global_basic.lay</code>
2	Remove the comment character in the following lines:  <pre>[Global] #stamp0=Edit #stamp1=Edit #stamp2=Edit  [tab_seal2] #Content=box_stamp box_delete box_security Content=box_delete box_security UpdateChange=false      Stamps are optional.     If you want to use it, reactivate it in sections 'tab_     seal2' and 'Global' also (EDC-1394)     #[box_stamp]     #Content=stamp0 stamp1 stamp2 flagpage     #UpdateChange=false</pre>
3	Save the file.

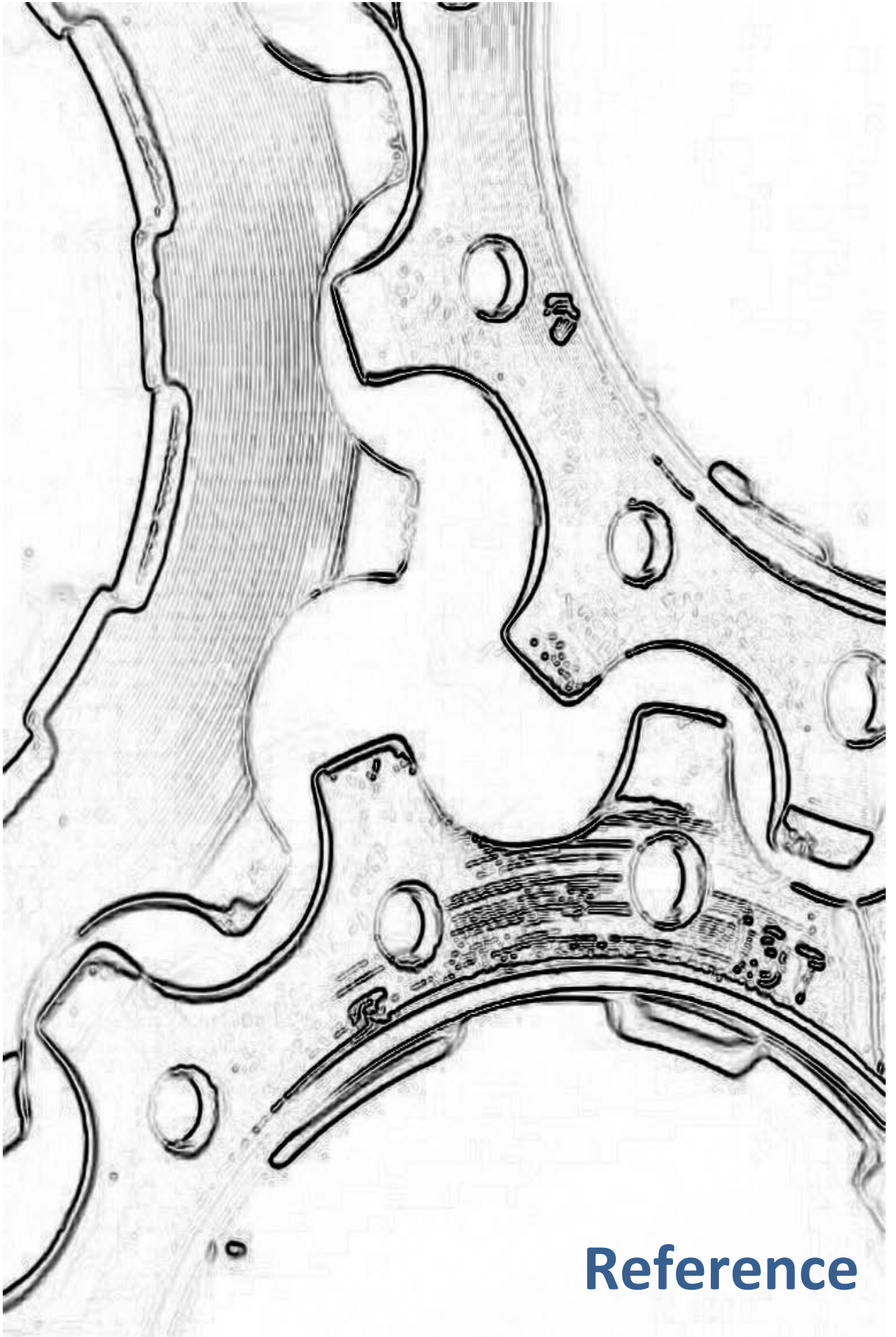
*To be continued*

## Activate Stamping for Windows Printing, Continuation

instructions,  
SEAL Master  
Driver 7.x

This is how you activate the stamping functionality in SEAL Master Driver 7.x

Step	Action
1	Open the following file in an editor: <code>/tools/omsconfig/sealdrv/3/global_basic70.lay</code>
2	Remove the comment character in the following lines:  <pre>[Global] #stamp0=Edit #stamp1=Edit #stamp2=Edit  [tab_seal2] #Content=box_stamp box_delete box_security box_costcenter Content=box_delete box_security box_costcenter</pre> <p>Stamps are optional. If you want to use it, reactivate it in sections 'tab_seal2' and 'Global' also (EDC-1394)</p> <pre>#[box_stamp] #Content=stamp0 stamp1 stamp2 #UpdateChange=false</pre>
3	Save the file.



**Reference**



## 20 Parameters - Reference

.....


The following chapter lists the data to be specified and their description.

description

Mandatory parameters are marked with an asterisk \* in the easyPRIMA user interface.

Designation

Except of customer-specific parameters you can change existing data fields only to a limited extent and cannot add more data fields.

 hint - changes of data fields

.....

This chapter deals with the following topics:

in this chapter

Topic	Page
Basic Data - Parameters	196
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.....

## 20.1 Basic Data - Parameters

in this chapter

This chapter deals with the following topics:

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## Contact Person - Parameters

---

You may enter the following data for contact persons:

parameters

Data Field	Description
Name (mandatory)	Distinct name of the contact person
Department (optional)	Name of the department You have to configure the items in the list box according to your requirements: → <i>Add Departments, Seite 49</i>
Address (optional)	Address of the location
E-Mail (optional)	E-mail address of the contact person
Comment (optional)	Any additional information, for example an additional phone number, under which the contact person may be contacted.
Telephone (optional)	Phone number of the contact person

---

## System Group - Parameters

parameters

You may enter the following data for system groups:

Data Field	Description
Name (mandatory)	Distinct name of the system group
Comment (optional)	Any additional information, for example a short description, which systems belong to the system group.
Use Systems for Failover (optional)	Use systems registered in this system group as systems for failover  Values: yes Use systems for failover no Do not use systems for failover

## System - General Parameters

You may enter the following data independent of the used system:

parameters

Data Field	Description
Name (mandatory)	Distinct name of the system
System Type (mandatory)	Type of the system, for example PLOSSYS netdome The items in the list box meet the systems supported by easyPRIMA.
Department (optional)	Name of the department, to which the system belongs The items in the list box correspond to the departments that you have entered: → <i>Add Departments, Seite 49</i>
Comment (optional)	Any additional information, for example a short description of the system.
Contact Person (optional)	Name of the responsible engineer The items in the list box correspond to the contact persons that you have entered: → <i>Add Contact Persons, Seite 52.</i>
Location (optional)	Location of the system
System Cleanup for Queues (optional)	Defines whether the automatic system cleanup when exporting via systems or system groups is to be done.
Version (optional)	Version of the system, for example 4.3.0, if you have installed PLOSSYS netdome 4.3.0.

## System - Mandatory PLOSSYS netdome Parameters

parameters

.....  
In addition, you have to enter the following data for a PLOSSYS netdome system:




Data Field	Description
Port (mandatory)	Port number, under which the system is to be contacted. The default is the port number of kNet server: 7125.
Server (mandatory)	Server name, under which the system is to be contacted

.....

## System - Optional PLOSSYS netdome Parameters

You may enter the following system data for a PLOSSYS netdome system in addition to the general data:

parameters, part  
1

Data Field	Description
Output via Remote System (optional)	defines the current system as central distribution system for output jobs.  Values: yes The central distribution is activated. no The central distribution is not activated.
Port for HTTP Access (optional)	Port number, under which the system is to be contacted via HTTP.   Further information:  You will find an overview of the port numbers used by SEAL Systems products in [PORTNUMBERS_TEC].
REST Export (optional)	URI with which you define which transfer protocol is used for the REST export   example: <ul style="list-style-type: none"> <li>Queue export via HTTP: http://%host%:8080/edc-restexport/printers with %host% SEAL APW server</li> <li>Queue export via SSL: https://%host%:8443/edc-restexport/printers with %host% SEAL APW server</li> </ul>
Secure "System Status" Connection (optional)	Protocol for the connection of SystemStatus to the System  Values: yes Connection via SSL (secure connection) no Connection via standard protocol
System Configuration (PNS) (optional)	Link with which the configuration program for PLOSSYS netdome can be connected:   example: <ul style="list-style-type: none"> <li>Starting PLOSSYS netdome Settings: http://%host%:8080/pcgui/ with %host% PLOSSYS netdome server</li> </ul>


..... To be continued

## System - Optional PLOSSYS netdome Parameters,

Continuation



parameters, part  
2

You may enter the following system data for a PLOSSYS netdome system in addition to the general data:

Data Field	Description
System Management (optional)	<p>Link with which a system administration program may be opened.</p> <p> example:</p> <ul style="list-style-type: none"> <li>• Starting PLOSSYS OCON http://%host%:9000/ocon/ocon.html with %host%OCON server</li> <li>• Starting DPF: http://%host%:%httpport%/cgi-bin/dpftracker with %host% DPF server</li> </ul>

## System - Mandatory PLOSSYS Output Engine Parameters

.....  
In addition to the general system data, you have to enter the following data for parameters a PLOSSYS Output Engine system:

Data Field	Description
User (mandatory)	Name of a user with the authorization to manage queues in the PLOSSYS Output Engine system.  Hint - OpenID Connect: If you use the access token of the SEAL Control Center session to authenticate, the user name is not required any more.
Password (mandatory)	Password belonging to the user name  Hint - OpenID Connect: If you use the access token of the SEAL Control Center session to authenticate, the password is not required any more.
Port (mandatory)	Port number, under which the system is to be contacted. Default is 631.
Server (mandatory)	Server name, under which the system is to be contacted. In case of PLOSSYS Output Engine clusters specify the name of the primary server.

## System - Optional PLOSSYS Output Engine Parameters

parameters, part  
1

In addition to the general system data, you may enter the following data for a PLOSSYS Output Engine system:



Data Field	Description
Alternative server (optional)	Server names by which the secondary servers of a PLOSSYS Output Engine cluster are to be contacted.  Values:  You have to specify the server names in the form of a comma separated list.
Print protocol (optional)	Protocol that is used to send the printing data to the output devices.  Values: <ul style="list-style-type: none"> <li>• IPP</li> <li>• IPPS</li> <li>• LPR</li> </ul>
Monitoring Time (optional)	defines whether PLOSSYS Administrator retrieves the printer status via IPP.  Values: <ul style="list-style-type: none"> <li>• "" PLOSSYS Output Engine manages the parameter centrally.</li> <li>• AFTER_PRINT The printer status is retrieved after the printing.</li> <li>• NEVER The printer status is never retrieved.</li> </ul> Internal name: monitorMode
Monitoring URL (optional)	URI via which the printer status is retrieved.  This option is used only, if Monitoring Time is set to AFTER_PRINT:  Value: <ul style="list-style-type: none"> <li>• ipp://&lt;printerURI&gt;</li> </ul> Internal name: monitorConnection

..... To be continued

## System - Optional PLOSSYS Output Engine Parameters, Continuation

In addition to the general system data, you may enter the following data for a PLOSSYS Output Engine system:

parameters, part  
 2

Data Field	Description
PLOSSYS Output Engine REST export URL (optional)	URL with which you define which transfer protocol is used for the REST export   example: <ul style="list-style-type: none"> <li>• Queue export via HTTP:                          http://%host%:8085/edc-restexport/printers                          with                          %host% SEAL APW server</li> <li>• Queue export via SSL:                          https://%host%:8085/edc-restexport/printers                          with                          %host% SEAL APW server</li> </ul> Default is https://%host%:8080/v2/printers.
System Management (optional)	Link by which PLOSSYS Administrator can be connected.   example: <ul style="list-style-type: none"> <li>• Queue export via HTTP:                          https://%host%:9000/administration/printers                          with                          %host% PLOSSYS Administrator server</li> </ul>

## System - SAP Mandatory Parameters

parameters

You have to enter the following data for an SAP system in addition to the general system data:

Data Field	Description
User (mandatory)	Name of a user with the authorization to manage queues in the SAP system.
Client (mandatory)	Name of the SAP Client, which is to be used for the logon to the system.
Password (mandatory)	Password belonging to the user name
SAP Type (mandatory)	SAP output type that is to be assigned to the queues, which are to be exported.  Values: DDD SAP Spool SAP Spool + DDD
Server (mandatory)	Name of the server, on which the SAP system is installed.
SNC Quality of Protection (mandatory)	SNC quality of protection of the SAP system
Language (mandatory)	Language, with which the logon to the SAP system is made.
System (mandatory)	Name of the SAP system, to which the queues are to be exported.
System Number (mandatory)	Number of the SAP system
Connection Type (mandatory)	Type of server to which an RFC destination is to be set up.  Values: Application Server Message Server

## System - Optional SAP Parameters

.....  
 You may enter the following system data for an SAP system in addition to the general system data:

parameters, part  
 1

Data Field	Description
Output Systems (DDD) (optional)	List of the Repro output systems existing in SAP, to which the queues that are to be exported, are to be assigned.
Description (optional)	Any additional information, for example a short description of the system.
Use Detailed Logging (optional)	Debugging mode for the export or import of queues. Values: yes      The debugging mode is activated. no        The debugging mode is deactivated.
Delete printers without LOMS (optional)	Defines for each SAP system individually whether queues without LOMS/Output System are to be deleted.
Group (optional)	
Designation (optional)	Designation of the type of connection
Logical OMS (SAP spool) (optional)	List of the logical output systems existing in SAP, to which the queues that are to be exported, are to be assigned.  This parameter is required only, if the output is to be done via PLOSSYS netdome.
Queue Name Pattern (optional)	Specification for the naming of queues in SAP
SAP Color Printer (optional)	Setting for color printing or black and white
SAProuter String (optional)	Router of the SAP System

..... *To be continued*

## System - Optional SAP Parameters, Continuation

parameters, part  
2

You may enter the following system data for an SAP system in addition to the general system data:

Data Field	Description
SNC Single Sign-On (optional)	Values: yes Single sign-on is activated. no Single sign-on is deactivated.
SNC Name (optional)	
SNC Partner Name (optional)	
Use SNC (optional)	Activate SNC (Secure Network Communications) Values: yes SNC is activated. no SNC is deactivated.
Unicode Support (optional)	Unicode support is existing Values: yes Unicode support is existing no Unicode support is not existing

## System - Windows Parameters

.....  
You have to enter the following data for a Windows system in addition to the parameters general system data:

Data Field	Description
User Name (mandatory)	Name of the user with the authorization to administrate queues under Windows and with writing access to a WMI server of a remote Windows client.
Password (mandatory)	Password belonging to the user name
Server (mandatory)	Server name, under which the system is to be contacted
Secure "System Status" Connection	Protocol for the connection of SystemStatus to the System Values: yes Connection via SSL (secure connection) no Connection via standard protocol
System Management (optional)	Link with which a system administration program may be opened.
Windows Printer Template (mandatory)	Windows printer template, which is to be used for the queue.

## Queue Group - Parameters

parameters

You may enter the following data for queue groups:

Data Field	Description
Name (mandatory)	Distinct name of the queue group
Comment (optional)	Any additional information, for example a short description, which queues belong to this queue group.
Export Configuration for Queue Groups (optional)	Export configuration data Depending on the target system: <ul style="list-style-type: none"> <li>• SEAL APW under Windows</li> <li>• PLOSSYS netdome</li> </ul> Values: yes    Export configuration for queue groups no     Configuration for queue groups not required

## 20.2 Queue Data - Parameters

---

This chapter deals with the following topics:

in this chapter


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---

## Queue - Mandatory Parameters

parameters, part  
1

You have to enter the following data, if you want to add queues:




Data Field	Description
Output Trays (mandatory)	Number of the existing output trays  Internal name: outputbincount
Output Method (mandatory)	Method, which is used in PLOSSYS netdome for the activation of the queue.  The selectable values are fixed and include the output methods commonly used in the selected system.   Further information: The different output methods are described in [NETDOME_TEC].  Internal name: outputmethod
Output Destination (mandatory)	Additional information, which is needed for certain output methods for the activation of the queue.  This field is displayed only, if you select an appropriate output method.  Which information you have to specify depends on the output method, for example the IP address or the network name of the queue when using MTFILTER or the target directory when using COPY.  Internal name: outputdestination
Input Trays (mandatory)	Number of the existing paper trays  Internal name: traycount
Brand (mandatory)	Name of the producer of the device  The selectable brands depend on the ones that are available in easyPRIMA.  Internal name: brand

..... *To be continued*

## Queue - Mandatory Parameters, Continuation

Continuation:

parameters, part  
 2


Data Field	Description
Command (mandatory)	Script that is used by easyPRIMA to export the queues.  The specified path will not be verified.  This parameter is needed, if you use the COMMAND (P5 only) output method.  Internal name: command_cmd
Model (mandatory)	Model name of the device  The selectable models depend on the ones that are entered in easyPRIMA and on the brand, which you have selected.  Internal name: model
Name (mandatory)	Distinct name of the queue   <b>Caution</b> - double queue names:  Independent of upper and lower case you can specify queue names only once.   <b>Caution</b> - no changes:  You can enter the queue name only, if the queue is created anew by being added or being copied from an existing queue. Afterwards the queue name is not editable any more.   <b>Caution</b> - maximum length:  Names of queues that you wish to export to PLOSSYS netdome systems, are allowed to have a maximum length of 29 characters only.  Internal name: name

..... *To be continued*

## Queue - Mandatory Parameters, Continuation

parameters, part  
3

Continuation:

Data Field	Description
Tray <i>n</i> , Media Format (mandatory)	<p>Paper size, which has been fed in the tray.</p> <p>The selectable paper sizes depend on the ones that are available in easyPRIMA.</p> <p>Internal name: trayformat<i>n</i></p>
Tray <i>n</i> , Medium (mandatory)	<p>Medium, which has been fed in the tray.</p> <p>The selectable values are fixed and include the media commonly used in PLOSSYS netdome.</p> <p> Further information: The different media types are described in [NETDOME_TEC].</p> <p>Internal name: traymedium<i>n</i></p>
Tray <i>n</i> , Type (mandatory)	<p>Type of the output tray</p> <p>Values:</p> <p>Cartridge The medium is in a cartridge.</p> <p>manual The medium has to be fed manually.</p> <p>Roll The medium is on a roll.</p> <p>Internal name: traytypen</p>

## Queue - Optional Parameters

.....  
 You may enter the following data, additionally, if you add queues:

parameters, part  
 1

Data Field	Description
Department (optional)	Name of the department, in which the device is located.  Internal name: department
All Jobs Native (optional)	All jobs are sent to the queue without any processing.  Values: yes All jobs native no All jobs to be processed  Internal name: NATIVE_QUEUE
Number of output tries (optional)	Values: <i>n</i> any natural number  Internal name: jobMaxPostponedCount
Call Arguments (optional)	Options with which the script defined in Command is called.  The options are passed as text. They will not be verified.  This parameter is needed, if you use the COMMAND (P5 only) output method.  Internal name: command_args
Mailbox (optional)	Additional information, which is needed for certain output methods for the activation of the queue.

..... *To be continued*

## Queue - Optional Parameters, Continuation

parameters, part  
2

Continuation:

Data Field	Description
Output Queue/Port (optional)	Additional information, which is needed for certain output methods for the activation of the queue. This field is displayed only, if you select an appropriate output method.  Which information you have to specify depends on the output method, for example the port number of the queue when using MTFILTER or the LPR queue name when using MTLPR.  You may specify additional options for PLOSSYS netdome and PLOSSYS Output Engine separately.  Internal name: outputqueue
Output Option P4 (optional)	For the internal processing in P4 systems and depending on the output method.  Internal name: outputqueue_extension_p4
Output Option P5 (optional)	For the internal processing in P5 systems and depending on the output method.  Internal name: outputqueue_extension_p5
External location (for remote queues only) (optional)	Distant location, to which you wish to send output jobs.  You have to activate the parameter:  Move the parameter from the HIDDEN tab to the PLOSSYS tab and specify Relevant for PLOSSYS Output Engine.  Internal name: remoteSite

..... *To be continued*

## Queue - Optional Parameters, Continuation

Continuation:

parameters, part  
 3

Data Field	Description
Printer Management (optional)	URL by which access to the Web server of a network printer is allowed.  Default: http://%outputdestination% with %outputdestination% Host name or IP address of the output device  Internal name: linkurl
Duplex Output (optional)	double-sided output is possible  Values: yes Double-sided output is possible. no device can only print one-sided.  Internal name: duplex
Print Quality (Default) (optional)	Values: High Low normal  This parameter is used in PLOSSYS Output Engine only.  Internal name: qualitydefault
Duplex Output (Default) (optional)	Turning direction of the paper for duplex output  Values: LONG_SIDE LONG_SIDE lange Seite NONE none SHORT_SIDE short side  This parameter is used in PLOSSYS Output Engine only.  Internal name: duplexdefault

..... To be continued

## Queue - Optional Parameters, Continuation

parameters, part  
4

Continuation:

Data Field	Description
Use duplex always (optional)	<p>Duplex output is always used, independent of the setting in the job.</p> <p>Values: yes output always duplex no output as in the job</p> <p>This parameter is used in PLOSSYS Output Engine only.</p> <p>Internal name: duplexalways</p>
Expected Return Codes (optional)	<p>Expected return codes of the called script.</p> <p>The values are passed as an array. Specify different values separated by comma.</p> <p>This parameter is needed, if you use the COMMAND (P5 only) output method.</p> <p>Internal name: command_expectedExitCodes</p>
Export (optional)	<p>The queue will be included in the export.</p> <p>Values: yes The queue will be exported. no The queue will not be exported.</p> <p>The default is yes.</p> <p>Internal name: activated</p>
Color Output (optional)	<p>Colored output is possible</p> <p>Values: yes Colored output is possible. no Device can black and white only.</p> <p>Internal name: color</p>

..... *To be continued*

## Queue - Optional Parameters, Continuation

Continuation:

parameters, part  
5

Data Field	Description
Color Output (Default) (optional)	Default for the color output, if no value is specified in the job.  Values: yes Color output no Output in black and white  This parameter is used in PLOSSYS Output Engine only.  Internal name: colordefault
Finishing 1 (optional)	Values: FOLD Folding PUNCH Punching PUNCH&FOLD Punching and folding STAPLE Stapling STAPLE&FOLD Stapling and folding STAPLE&PUNCH Stapling and punching STAPLE, PUNCH&FOLD Stapling, punching and folding  Internal name: finisher
Finishing 2 (optional)	Additional information, which is needed for certain output methods for the activation of the queue.  Values: empty Option deactivated Sorter Sorter  Internal name: mailbox
Finishing Type (optional)	Brand name of the device that is connected for the end processing.  This parameter is necessary, if you use certain drivers, e. g.  seal.systems_ps_oms_generic.sealpls  Internal name: finishing

..... To be continued

## Queue - Optional Parameters, Continuation

parameters, part  
6

Continuation:


Data Field	Description
GEKKO Model (optional)	Name of the model used in PLOSSYS netdome for creating spool files via GEKKO.  Internal name: outputmode
Comment (optional)	Any additional information  Internal name: comment
Configuration Template (optional)	Queue templates that is supposed to be used.  The selectable drivers depend on the drivers that are installed and on the brand and model that you have selected.  Internal name: templates
Configuration Template (SAP) (optional)	SAP-specific queue template that is to be used.  The selectable drivers depend on the drivers that are installed and on the brand and model that you have selected.  Internal name: saptemplate
Configuration Template (Windows) (optional)	Windows-specific queue template that is to be used.  The selectable drivers depend on the drivers that are installed and on the brand and model that you have selected.  Internal name: windowstemplate
Contact Person (optional)	Engineer responsible for the queue  The selectable contact persons depend on the ones that are added in easyPRIMA.  Internal name: contactid

..... *To be continued*

## Queue - Optional Parameters, Continuation

Continuation:

parameters, part  
7

Data Field	Description
Paper Selection (optional)	Tray selection  Values: AUTO            The tray selection is delegated to the device. DRAWER         The tray number is passed to the device. MEDIA           The media type is passed to the device. PAPERSIZE      The page size is passed to the device.   Further information: The PAPER_SELECT parameter is described in [NETDO-ME_TEC].  Internal name: PAPER_SELECT
Paper Formats (optional)	Restriction of the admitted paper formats  Values: ANSI            Only ANSI formats are selectable. BOTH            ISO and ANSI formats are selectable. ISO              Only ISO formats are selectable.  Internal name: PLOTTER_ISOANSI
Pickup Queue (optional)	Checkbox to decide, whether the queue is used as a collector queue for Secure&Pickup Printing.  Internal name: PICKUP_QUEUE
PPD (optional)	PPD file that is to be used for the output.  Internal name: ppd

..... *To be continued*

## Queue - Optional Parameters, Continuation

parameters, part  
8

Continuation:

Data Field	Description
SAPWIN Windows Queue Name (optional)	<p>If you use the SAPWIN device type, you have to activate the <code>sapwinQueue</code> queue parameter in the assigned PLOSSYS Output Engine systems. Move the parameter from the HIDDEN tab to the PLOSSYS tab and specify <code>Relevant</code> for PLOSSYS Output Engine.</p> <p>Internal name: <code>sapwinQueue</code></p>
Use Copier Service (optional)	<p>checkbox, with which you activate the Copier Service.</p> <p>If you need several copies of a document, the Copier Service enables PLOSSYS Output Engine to send each copy separately to the printer. The output order then is 1-2-3, 1-2-3, ...</p> <p>Move the parameter from the HIDDEN tab to the PLOSSYS tab and specify <code>Relevant</code> for PLOSSYS Output Engine.</p> <p>Internal name: <code>useCopier</code></p>
Socket Close Timeout (optional)	<p>Interval after which a TCP connection to a queue is closed, if the queue does not close it correctly.</p> <p>You have to activate this parameter by making it visible in the PLOSSYS tab.</p> <p>This parameter is used in PLOSSYS Output Engine only.</p> <p>Values:</p> <p>You may specify any number, with or without unit, e. g. <code>2m</code> for 2 minutes.</p> <p>Internal name: <code>socketCloseTimeout</code></p>

..... *To be continued*

## Queue - Optional Parameters, Continuation

Continuation:

parameters, part  
9

Data Field	Description
Socket Close Timeout causes Error (optional)	<p>Defines, whether an error message is returned, after a TCP connection to a queue had to be closed explicitly.</p> <p>You have to activate this parameter by making it visible in the PLOSSYS tab.</p> <p>This parameter is used in PLOSSYS Output Engine only.</p> <p>Values:</p> <p>You may specify any number, with or without unit, e. g. 2m for 2 minutes.</p> <p>Internal name: socketCloseTimeOutIsError</p>
Location (optional)	<p>Location, where the device is located.</p> <p>Internal name: location</p>
snmpcommunity (optional)	<p>SNMP community to which a device belongs.</p> <p>→ <i>SNMP_COMMUNITY</i>, Seite 300</p> <p>Internal name: snmpcommunity</p>
Secure Print (optional)	<p>Values:</p> <p>yes Secure printing active no Secure printing deactivated</p> <p>Internal name: enablesecureprint</p>

## Additional Pool Device Parameters

parameters



You may add the following pool device parameters automatically:

Parameter	Internal Name
PLOT_MAX_SIZE	
PLOT_MIN_SIZE	
Pool: Split set collation	POOL_SET_SEPARATE
Pool: Missing sheet when splitting a set collation	POOL_GENERATE_SPLITTINGOFF
Pool: Main device for missing sheets	POOL_PLT_FOR_SPLITTINGOFF
Pool: Medium for missing sheets	POOL_PAP_FOR_SPLITTINGOFF
Pool: Split multi-page files	POOL_PAGES_SEPARATE
Pool: Pool members	POOL_FOR_PLOTTER
Pool: Collective missing sheet	POOL_COLLECT_SPLITTINGOFF
Pool: Tolerance for output queue	POOL_PAGES_TOLERANCE
Pool-Prio: 1:1 output required	POOL_PRIO_PLOT_MAX_SIZE
Pool-Prio: Consider minimum page number	POOL_PRIO_PAGE_MIN_NUMBER
Pool-Prio: Consider fold size	POOL_PRIO_FOLDER_MAX_SIZE
Pool-Prio: Folder bypass required	POOL_PRIO_FOLDER_BYPASS
Pool-Prio: Colored output required	POOL_PRIO_COLOR_TYPE
Pool-Prio: Medium required	POOL_PRIO_MEDIUM
Pool-Prio: Minimum size required	POOL_PRIO_PLOT_MIN_SIZE
Pool-Prio: b/w output required	POOL_PRIO_BW_TYPE
Pool-Prio: Consider maximum page number	POOL_PRIO_PAGE_MAX_NUMBER

## Additional SAP Parameters

You may add the following SAP parameters automatically:

parameters, part  
1

Parameter	Internal Name
DDD Output System	SAP_DV_SYSID
DDD User Group	SAP_DV_USGROUP
DDD Device Type	SAP_DV_DEVTYPE
DDD Disabled	SAP_DV_DISABLED
SAP Color Printer	SAP_COLOR
SAPSPPOOL Response Time	SAP_OM_PAREADTIME
SAPSPPOOL Authorization Group	SAP_OM_PADEVGRP
SAPSPPOOL Keep File	SAP_OM_PAKEEPPFILE
SAPSPPOOL Print Mode	SAP_OM_PRINTMODE
SAPSPPOOL Function Trace	SAP_OM_PATRACEF
SAPSPPOOL Device Class	SAP_OM_PAARCHIVER   <b>Caution</b> - Standard Printer only: easyPRIMA only processes SAP spool printers of the Standard Printer device class. Any other device classes are ignored during import and export.
SAPSPPOOL Device Class (Usage)	SAP_OM_PACLASS
SAPSPPOOL Device Type	SAP_OM_PATYPE   <b>Caution</b> - SAPWIN device type: If you use the SAPWIN device type, you have to activate the sapwinQueue queue parameter in the assigned PLOSSYS Output Engine systems. Move the parameter from the HIDDEN tab to the PLOSSYS tab and specify Relevant for PLOSSYS Output Engine.
SAPSPPOOL Disabled	SAP_OM_PADISABLED

..... *To be continued*

## Additional SAP Parameters, Continuation

parameters, part  
2

Continuation:

Parameter	Internal Name
SAPSPPOOL Horizontal Unit	SAP_OM_PAXSHUNIT
SAPSPPOOL Horizontal Shift	SAP_OM_PAXSHIFT
SAPSPPOOL Host Printer	SAP_OM_PAPROSNAME
SAPSPPOOL Hostspool Title	SAP_OM_PADFLTUTTL
SAPSPPOOL No Choice	SAP_OM_PANOCHOICE
SAPSPPOOL No Query	SAP_OM_PANOQUERY
SAPSPPOOL Command	SAP_OM_PAPROTCMD
SAPSPPOOL Copy as Job	SAP_OM_PADUPCOPY
SAPSPPOOL Access Method	SAP_OM_PAMETHOD
SAPSPPOOL Short Name	SAP_OM_PADEST
SAPSPPOOL Level-2 Trace	SAP_OM_PATRACE2
SAPSPPOOL Logical OMS	SAP_OM_PALOMS
SAPSPPOOL Monitor	SAP_OM_PAMONI
SAPSPPOOL Novell Server	SAP_OM_PANOVSESRVSAP_OM_ - PANOVSESRV
SAPSPPOOL Paper Tray	SAP_OM_INPUTTRAY
SAPSPPOOL Pool Type	SAP_OM_PAPOOLART
SAPSPPOOL Port Number	SAP_OM_PALPDPORT
SAPSPPOOL Log	SAP_OM_PAPROTDATA
SAPSPPOOL Resource Control	SAP_OM_PAPROTRES
SAPSPPOOL Server Name	SAP_OM_PAMSSERVER
SAPSPPOOL Security Level	SAP_OM_PACRYPTMET
SAPSPPOOL Security Mode	SAP_OM_PACRYPTMOD
SAPSPPOOL Storage Location	SAP_OM_PASTORELOC
SAPSPPOOL Language Title	SAP_OM_PALANGU
SAPSPPOOL Synchronization	SAP_OM_PASYNC

..... To be continued

## Additional SAP Parameters, Continuation

Continuation:

parameters, part  
3

Parameter	Internal Name
SAPSPPOOL Front Page	SAP_OM_PADFLTSTTL
SAPSPPOOL Connection Time	SAP_OM_PACONNTIME
SAPSPPOOL Vertical Unit	SAP_OM_PAYSHUNIT
SAPSPPOOL Vertical Shift	SAP_OM_PAYSHIFT
SAPSPPOOL Target Host	SAP_OM_PALPDHOST

## Additional SAP Parameters for Subqueues

requirement

→ *ACTION\_PASSON\_SAPQUEUE*, Seite 284

parameters

You may add the following SAP parameters for sub-queues automatically:

Parameter	Internal Name
Print Mode	sapqueue_printmode
Duplex Printing	sapqueue_duplex
Color Printing	sapqueue_color
Device Type	sapqueue_patype
Host Printer	sapqueue_hostprinter
Access Method	sapqueue_pamethod
Shaft Feed	sapqueue_shaftfeed
Destination Host	sapqueue_palpdhost

## Additional SEAL APW Parameters

You may add the following SEAL APW parameters automatically:

parameters, part  
 1


Data Field	Description
Booklet Printing (optional)	Switch for booklet printing  You have to activate this option by making it visible in the SEAL APW Parameters tab.  Values: Device Driver Simplex  The default is None.  Internal name: bookletsupport
Printer Type (optional)	Values: Laser Printer Multi-function device Printer  Internal name: printertype
Building (optional)	---  Internal name: building
Command after Spooling (optional)	---  Internal name: sealcmdafterspool_operator
Postal Code (optional)	---  Internal name: zipcode
Room (optional)	---  Internal name: room
City (optional)	---  Internal name: city
Floor (optional)	---  Internal name: floor

*To be continued*

## Additional SEAL APW Parameters, Continuation

parameters, part  
2

Continuation:

Data Field	Description
Street (optional)	--- Internal name: street
Available Media (optional)	<p>List of the available values</p> <p>You have to activate this option by making it visible in the SEAL APW Parameters tab.</p> <p>Keyword: available_media</p> <p>Values:</p> <p>TrayA: Printer automatic selection            TrayM: Manual Tray            Tray1: Tray 1            Tray2: Tray 2            Tray3: Tray 3            Tray4: Tray 4            Tray5: Tray 5            Tray6: Tray 6            Tray7: Tray 7            TrayPa: Paper            TrayTr: Transparency film            TrayPr: Pre-printed            TrayLe: Letterhead            TrayLa: Label            TrayBo: Bond            TrayFp: Fine paper            TrayRe: Recycling paper            TrayCl: Color paper            TrayCa: File card            TrayPp: Pre-perforated            TrayVe: Parchment            TrayEn: Envelope            TrayRo: Rough            TrayTh: Thick            TrayCo: Coated            TrayHi: High quality</p> <p> example: "TrayPo, TrayPp, TrayRo, TrayVe"</p>

## Additional Windows Parameters

You may add the following Windows parameters automatically:

parameters, part  
 1

Parameter	Description
OMS Update Timeout (optional)	Interval in which SEAL APW or SEAL Master Driver retrieve the queue configuration for Windows printing from the easyPRIMA server.  You specify the value in hours.  Internal name: OMSTimeout
OMS Update Method (optional)	defines, whether SEAL APW or SEAL Master Driver are to retrieve the queue configuration for Windows printing from the easyPRIMA server.  Values: Never            No update Timeout        Update in the defined interval  Internal name: OMSUpdateMode
OMS Server Type (optional)	Type of the system from which SEAL APW or SEAL Master Driver are to retrieve the configuration for Windows printing.  Internal name: OMSServerType
OMS Connection Port (optional)	KNet port number of the easyPRIMA server, from which SEAL APW or SEAL Master Driver are to retrieve the queue configuration for windows printing.  Internal name: OMSPort

*To be continued*

## Additional Windows Parameters, Continuation

parameters, part  
2

Continuation:

Parameter	Description
Windows Permissions (optional)	<p>List of users or groups, for which the Active Directory permission for "Printing" is set when a queue is created.</p> <p>You may separate the values of the list by comma or pipe character.</p> <p>Internal name: WIN_SHARED_OBJECTS</p>
Windows Share Name (optional)	<p>Name, under which the queue is to be contacted under Windows.</p> <p>Internal name: sharename</p>
Windows Sharing (optional)	<p>Checkbox with which you define, whether a printer is available as network printer.</p> <p>Internal name: WIN_SHARE_FLAG</p>
Windows Port Name (optional)	<p>Name of the port, by which the queue is connected under Windows.</p> <p>Internal name: WIN_PORTNAME</p>
Windows Publishing (optional)	<p>Checkbox with which you define, whether the printer is allowed to be found via Windows Active Directory.</p> <p>Internal name: WIN_PUBLISH_FLAG</p>

## Additional Parameters for virtual Queues

.....  
You can specify the following parameters for virtual queues:

parameters



Parameter	Description
Function of Virtual Queue (mandatory)	Function that the virtual queue is to have.  Values: Failover      Alternative queue in case of de- vice failure Loadbalancer   Queues for load balancing Router        Automatic selection of a suitable device

.....

## Customer-Specific Parameters - Mandatory

parameters, part  
1

You have to enter the following data, if you want to add customer-specific parameters:

Data Field	Description
Display Type (mandatory)	<p>Way of displaying the parameter in the entry form of the queue data</p> <p>Values:</p> <p>checkbox</p> <p>hidden           Hidden</p> <p>option menu</p> <p>password</p> <p>text area       Multi-line text field</p> <p>text field</p> <p> <b>Caution</b> - multiline text field:</p> <p>The text area display type can only be selected in customer-specific parameters. As systems are not able to process multiline queue parameters, parameters of this display type must be excluded from being exported. For this the name has to start with CUS_.</p>
Data Type (mandatory)	<p>Data type of the parameter</p> <p>Values:</p> <p>boolean       Boolean value</p> <p>float</p> <p>integer</p> <p>string</p>
Name (mandatory)	<p>Name of the parameter</p> <p>Besides alphanumeric characters, the name is allowed to contain underscore characters only.</p> <p> <b>Caution</b> - exclude from being exported:</p> <p>If a parameter is to be or has to be excluded from being exported, the name has to start with CUS_.</p>

..... *To be continued*

## Customer-Specific Parameters - Mandatory, Continuation

Continuation:


parameters, part  
 2

Data Field	Description
Position (mandatory)	<p>Position number of the parameter in the displaying order of the queue parameters</p> <p>You may enter any positive integer.</p> <p>When you create a new queue parameter the input field "Position" is set by default: highest assigned value + 10</p> <p>The distance of 10 ensures that there are enough positions that may be assigned between existing parameters.</p> <p>You may assign positions several times, whereat the order among themselves is not guaranteed.</p> <p>Basis parameters and system-specific parameters have reserved the following number intervals:</p> <ul style="list-style-type: none"> <li>• General parameters: 0 - 2050, whereat position 0 is exclusively reserved for the "Name" parameter.</li> <li>• PLOSSYS parameters: 1000 - 1160</li> <li>• SAP parameters: 1200 - 1610</li> <li>• Windows parameters: 2000 - 2040</li> <li>• SEAL APW parameters: 2500 - 2560</li> </ul>

## Customer-Specific Parameters - Optional

parameters, part  
1

You may enter the following data, additionally, if you add customer-specific parameters:


Data Field	Description
Job Parameter (optional)	<p>Checkbox to decide, whether the parameter is to be used as a job parameter.</p> <p>This parameter is only visible, if you have selected the PLOSSYS tab and Relevant for PLOSSYS Output Engine or PLOSSYS netdome &amp; PLOSSYS PLOSSYS Output Engine.</p> <p> Hint - Default and override mode:</p> <p>If you set up queues later, you can set the values for each queue separately. You can define a default that is used, if in the job no value is specified, or you define an override mode for the value that overwrites any other values.</p>
Filter (optional)	<p>Checkbox to decide, whether the parameter is allowed to be used in the search function.</p>
In Table (optional)	<p>Checkbox for the decision, whether the parameter is displayed in the overview table or not.</p> <p>Parameters that are not displayed in the overview table, may be seen in the detailed queue information.</p>
Options (optional)	<p>List of allowed values</p> <p>You have to specify the particular values separated by a pipe character.</p> <p>These values will be displayed in the table of the queue data in the form of a list box.</p> <p>This parameter is only visible, if you have selected the option menu display type.</p>
Mandatory (optional)	<p>Checkbox for the decision, whether the parameter must be entered when adding a queue or not.</p> <p>This parameter is only visible, if you have selected an appropriate display type.</p>

..... *To be continued*

## Customer-Specific Parameters - Optional, Continuation

.....  
 You may enter the following data, additionally, if you add customer-specific parameters:

parameters, part  
 2

Data Field	Description
Regular Expression (optional)	Condition for the checkup of the validity of a parameter
Relevant for (optional)	Values: PLOSSYS Output Engine PLOSSYS netdome PLOSSYS netdome & PLOSSYS Output Engine  This parameter is only visible, if you have selected the PLOSSYS tab.
Bulk Edit (optional)	Checkbox by which you decide, whether this parameter is available for bulk changes.
Tab (optional)	Tab on which a queue parameter is to be displayed in the queue information.  Values: COMMON Tab Common Parameters HIDDEN Hidden parameter that is not allowed to be displayed on any tab.  PLOSSYS Tab PLOSSYS Parameters SAP Tab SAP Parameters WINDOWS Tab Windows Parameters   Hint - export to PLOSSYS systems  If you want to use customer-specific parameters in PLOSSYS systems, you have to assign them to the PLOSSYS tab and specify the corresponding systems at Relevant for.
Default (optional)	Default of the parameter

.....

## Windows Queue Templates - Parameters

parameters, part  
1

You may enter the following data for Windows queue templates:

Data Field	Description
Connector (mandatory)	Unique name of the Windows port
Print Processor (mandatory)	The default is WinPrint.
Print Processor Data Type (mandatory)	The default is RAW.
Name (mandatory)	Unique name of the queue template
Driver (mandatory)	Driver that is to be used for the queue.
Duplex (optional)	Values: Simplex Short side Long side
Print Quality (optional)	Resolution that is used for printing  Values: 0 100 1200 200 300 400 600 draft high low normal
Colored (optional)	Activates the color printing  Values: yes Color printing no Black/white printing
Orientation (optional)	Values: portrait landscape
Paper Size (optional)	Selection of the paper size

..... *To be continued*

## Windows Queue Templates - Parameters, Continuation

Continuation:

parameters, part  
2

Data Field	Description
Driver Settings (optional)	Driver settings that are to be used for the queue.
Use Driver Settings (optional)	defines, whether the driver settings are allowed to be used for the export.  Values: yes The driver may be used. no The driver is not allowed to be used.

## Windows Driver - Parameters

parameters


You may enter the following data for Windows drivers:

Data Field	Description
Name (mandatory)	Unique name of the Windows driver
Activated (optional)	defines, whether the driver is allowed to be used for devices.  Values: yes The driver may be used. no The driver is not allowed to be used.
Brand (optional)	Printer manufacturer
Configuration (optional)	Name of the file in which the driver configuration is stored.
Model Name (optional)	Printer model

## Windows Driver Settings - Parameters

You may enter the following data for Windows driver settings:

parameters

Data Field	Description
Repository (mandatory)	Directory in which the files with the driver settings are stored.
Driver Setting (mandatory)	Unique name of the driver settings. This name is used for <ul style="list-style-type: none"> <li>• the subdirectory for the driver:                ../server/edc/templates/windows/<i>driver_name</i>/  <i>your_name</i>/</li> <li>• the imported file with the driver settings.</li> </ul>
Modification Options (optional)	The default is "d u g 8 r". with d printer data u DEVMODE settings of the user g global DEVMODE 8 PRINTER_INFO_8  related topics For further information about this read: <a href="https://docs.microsoft.com/en-us/windows-server/administration/windows-commands/rundll32-printui">https://docs.microsoft.com/en-us/windows-server/administration/windows-commands/rundll32-printui</a> r resolve name conflicts

## Windows Connectors - Parameters

parameters

You may enter the following data for Windows ports:

Data Field	Description
Output Queue/ Port (mandatory)	Internal name: outputqueue
Monitor Type (mandatory)	Values: SEAL Monitor Standard TCP/IP Port The default is Standard TCP/IP Port.
Name (mandatory)	Unique name of the Windows port
Port Name (mandatory)	Default is: IP_!outputdestination!_!outputqueue!
Protocol (mandatory)	

## 21 Configuration Parameters - Reference

The following chapter lists the configuration parameters and their description.

description

This chapter deals with the following topics:

in this chapter

Topic	Page
Sections and Keywords at a Glance	244
[APWREST] Section	249
[CSV] Section	259
[CSV\PARAMETERS] Section	263
[EDCEXPORREST] Section	266
[FILTERFAVORITES] Section	276
Section [GENERAL]	280
[GETTING] Section	294
[MAPPING] Section	303
[MAPPING\PARAMETER\ParameterName] Section	305
[OIDC] Section	309
[OUTNGNREST] Section	315
[PREDEFINITION\QUEUES] Section	318
[QUEUES\PARAMETERS] Section	319
[SETTING] Section	323
[SYSTEMS] Section	341

## Sections and Keywords at a Glance

overview, part 1

The following table gives an overview of the sections and the keywords included in each case. You will find the descriptions of the keywords on the pages specified in each case subsequent to this table.

Sections and Keywords	Page
[APWREST]	249
CONFIG_URI	250
EXPORT_LOG_JSON	251
EXPORT_PASSWORD	252
EXPORT_REALM	253
EXPORT_TO_APWREST	254
EXPORT_URI	255
EXPORT_USERNAME	256
OMSCONFIG_URI	257
RELOADCACHE_URI	258
[CSV]	259
COLUMN_NAMES	260
QUOTE_VALUES	261
SEPARATOR	262
[CSV\PARAMETERS]	263

..... *To be continued*

## Sections and Keywords at a Glance, Continuation

Continuation:

overview, part 2

Sections and Keywords	Page
[EDCEXPORREST]	266
EXPORT_ISCLI_QUEUE_LIMIT	267
EXPORT_ISCLI_TIMEOUT	268
EXPORT_LOG_JSON	269
EXPORT_PASSWORD	270
EXPORT_REALM	271
EXPORT_STORE_LIMIT	272
EXPORT_URI	273
EXPORT_USERNAME	274
EXPORT_WAITFORCONFIRMATION	275
[FILTERFAVORITES]	276
QUEUE_FILTERFAVORITES	277
SYSTEM_FILTERFAVORITES	278
XXX_FILTERFAVORITES	279

..... *To be continued*

## Sections and Keywords at a Glance, Continuation

overview, part 3

Continuation:

Sections and Keywords	Page
[GENERAL]	280
ACTION_HISTORY_JSON_LOG	281
ACTION_HISTORY_LOG_USERNAME	282
ACTION_HISTORY_USERCOMMENT	283
ACTION_PASSON_SAPQUEUE	284
EXPORT_MODE	285
QUEUESINI_DIR	286
QUEUESINI_SINGLE_FILE	287
SAVE_TEMPORARY_FILES	289
SEAL_WINDOWS_CONFIG	289
SHOW_LAST_ACTION	290
USE_ACTION_HISTORY	291
USE_STRICT_SHOW_RIGHTS	292
VALIDATE_QUEUE_NAME_CASEINSENSITIVE	293
[GETTING]	294
ADD_UNKNOWN_DEPARTMENTS	295
MERGE_QUEUE_DATA	296
ODM_MAX_PROCESSES	297
ODM_TIMEOUT	298
PING_TIMEOUT	299
SNMP_COMMUNITY	300
UPDATE_QUEUES_IN_DB	301
USE_ODM_TOOLS	302

..... To be continued

## Sections and Keywords at a Glance, Continuation

Continuation:

overview, part 4

Sections and Keywords	Page
[MAPPING]	303
FILTER	304
[MAPPING\PARAMETER\ParameterName]	305
VALUE	306
[OIDC]	309
AUTH_ACCESS_MODE	310
AUTH_CLIENT_ID	311
AUTH_CLIENT_SECRET	312
AUTH_ISSUER_URL	313
AUTH_SESSION_MIN_EXPIRETIME	314
[OUTNGNREST]	315
EXPORT_LOG_JSON	316
GET_QUEUES_SINGLE_LIMIT	317
[PREDEFINITION\QUEUES]	318
[QUEUES\PARAMETERS]	319
GENERATE_SAP_OM_PADEST	320
GENERATE_SAP_OM_PADEST_AT_IMPORT	321
SAP_OM_PADEST	322

..... *To be continued*

## Sections and Keywords at a Glance, Continuation

overview, part 5

Continuation:

Sections and Keywords	Page
[SETTING]	323
COMBINE_TRAYS_AND_MEDIA	324
FILTER	325
FIX_FILTER	326
FRANS_TIMEOUT	327
KNET_MAX_CONNECT_RETRY	328
PLOSSYS_COPY_TEMPLATES	329
PLOSSYS_ISCLI_TIMEOUT	330
PLOSSYS_RESTART	331
PLOSSYS_SORT_PARAMETER	332
SAP_AUTOSAVE_SAPGENERATED_SHORTNAME	333
SAP_EXPORT_WITHOUT_DEST	334
SAP_EXPORT_WITHOUT_LOMS	335
SAP_SINGLE_FILES	337
SHARE_ALL_QUEUES	338
USE_SEAL_INHOUSE_SWITCH	339
WINDOWS_TEMPLATE	340
[SYSTEMS]	341
PLOSSYS	342
SAP	343
WINDOWS	344

## 21.1 [APWREST] Section

.....  
The [APWREST] section contains the settings for the SEAL APW REST interface. description

.....  
This section contains the following parameters: in this section

Topic	Page
CONFIG_URI	250
EXPORT_LOG_JSON	251
EXPORT_PASSWORD	252
EXPORT_REALM	253
EXPORT_TO_APWREST	254
EXPORT_URI	255
EXPORT_USERNAME	256
OMSCONFIG_URI	257
RELOADCACHE_URI	258

## CONFIG\_URI

purpose	<p>.....</p> <p>CONFIG_URI defines the address to which the settings of SEAL APW REST Service are exported.</p> <p>This setting is used, if SEAL APW Service is installed on the management server with easyPRIMA.</p> <p>If SEAL APW Service is installed on a server different from the management server with easyPRIMA, the following variable is used:</p> <p>→ <i>OMSCONFIG_URI</i>, Seite 257</p> <p>.....</p>
type	<p>.....</p> <p>This setting is optional.</p> <p>.....</p>
section	<p>.....</p> <p>The keyword is recorded in the [APWREST] section.</p> <p>.....</p>
format	<p>.....</p> <p>The item has to have the following format:</p> <p>CONFIG_URI = "<i>http://server name:port number/directory</i>"</p> <p>.....</p>
values	<p>.....</p> <p>You may specify any path.</p> <p>.....</p>
default	<p>.....</p> <p>Default is</p> <p><i>http://localhost:8084/apw-rest/settings/sealapw.</i></p> <p>.....</p>

## EXPORT\_LOG\_JSON

EXPORT\_LOG\_JSON defines, whether log file for the export of the queue data is created.

This setting is optional.

type

The keyword is recorded in the [APWREST] section.

section

The item has to have the following format:

format

EXPORT\_LOG\_JSON = "*value*"

You may specify the following values:

values

Value	Description
N	The log file is not created.
Y	The log file is created.

Default is N.

default

## EXPORT\_PASSWORD

purpose	..... EXPORT_PASSWORD defines, which password is to be used for the queue export. .....
type	..... This setting is optional. .....
section	..... The keyword is recorded in the [APWREST] section. .....
format	..... The item has to have the following format: EXPORT_PASSWORD = <i>value</i> .....
values	..... You may specify any string. .....
default	..... There is no default. .....

## EXPORT\_REALM

..... EXPORT_REALM defines in which domain, e. g. Kerberos, the user who wants to execute the export to SEAL APW REST service is to be authenticated. .....	purpose
..... This setting is optional. .....	type
..... The keyword is recorded in the [APWREST] section. .....	section
..... The item has to have the following format: EXPORT_REALM = <i>value</i> .....	format
..... You may specify any string. .....	values
..... There is no default. .....	default

## EXPORT\_TO\_APWREST

purpose	<p>.....</p> <p>EXPORT_TO_APWREST defines whether the export of the queue data to SEAL APWREST service is allowed.</p> <p>.....</p>						
type	<p>.....</p> <p>This setting is optional.</p> <p>.....</p>						
section	<p>.....</p> <p>The keyword is recorded in the [APWREST] section.</p> <p>.....</p>						
format	<p>.....</p> <p>The item has to have the following format:</p> <p>EXPORT_TO_APWREST = "value"</p> <p>.....</p>						
values	<p>.....</p> <p>You may specify the following values:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Value</th> <th style="text-align: left;">Description</th> </tr> </thead> <tbody> <tr> <td>N</td> <td>The export is not allowed.</td> </tr> <tr> <td>Y</td> <td>The export is allowed.</td> </tr> </tbody> </table> <p>.....</p>	Value	Description	N	The export is not allowed.	Y	The export is allowed.
Value	Description						
N	The export is not allowed.						
Y	The export is allowed.						
default	<p>.....</p> <p>Default is Y.</p> <p>.....</p>						

## EXPORT\_URI

.....  
EXPORT\_URI defines the directory to which the queue data are exported. purpose

.....  
This setting is optional. type

.....  
The keyword is recorded in the [APWREST] section. section

.....  
The item has to have the following format: format

EXPORT\_URI = "http://*server\_name*:*port\_number*/*directory*"

.....  
You may specify any path. values

.....  
Default is default

http://localhost:8084/apw-rest/admin/printers.  
.....

## EXPORT\_USERNAME

purpose	..... EXPORT_USERNAME defines, under which user name the queue export to SEAL APW is to be done. .....
type	..... This setting is optional. .....
section	..... The keyword is recorded in the [APWREST] section. .....
format	..... The item has to have the following format: EXPORT_USERNAME = <i>value</i> .....
values	..... You may specify any string. .....
default	..... There is no default. .....

## OMSCONFIG\_URI

.....  
OMSCONFIG\_URI defines the directory to which the OMS configuration is to be exported. purpose

This setting is used, if SEAL APW Service is installed on a server different from the management server with easyPRIMA.

If SEAL APW Service is installed on the management server with easyPRIMA, the following variable is used:

→ *CONFIG\_URI*, Seite 250

.....  
This setting is optional. type

.....  
The keyword is recorded in the [APWREST] section. section

.....  
The item has to have the following format: format


OMSCONFIG\_URI = "*http://server name:port number/directory*"

.....  
You may specify any path. values

.....  
There is no default. You have to activate the keyword first. Then the default is default

http://<hostname>:8084/apw-rest/admin/omsconfig.  
.....

## RELOADCACHE\_URI


purpose	RELOADCACHE_URI defines the route to the SEAL APW REST service, by which the update of the queue data in the SEAL APW user interface is triggered immediately after the export.
type	This setting is optional.
section	The keyword is recorded in the [APWREST] section.
format	The item has to have the following format: RELOADCACHE_URI = "http://server name:port number/directory"
values	You may specify any path.
 hint - multiple paths	If you wish to enter more than one path, you have to enter them separated by commas and without spaces.
default	Default is http://localhost:8084/apw-rest/admin/commands/reload-cache.

## 21.2 [CSV] Section

---

The settings in the [CSV] section are necessary only, if the batch scripts of easyPRIMA are supposed to import or export queues via CSV files.

---

 **Caution** -  
without data-  
base only

This section contains the following parameters:

in this section

Topic	Page
COLUMN_NAMES	260
QUOTE_VALUES	261
SEPARATOR	262


---

## COLUMN\_NAMES

.....  
purpose COLUMN\_NAMES defines, whether the CSV file contains a headline with column headings.  
.....

type This setting is optional.  
.....

section The keyword is recorded in the [CSV] section.  
.....

 example The CSV file contains no headline with column headings:  
COLUMN\_NAMES = "N"  
.....

format The item has to have the following format:  
COLUMN\_NAMES = "value"  
.....

values You may specify the following values:

Value	Description
N	The CSV file contains no headline with column headings.
Y	The CSV file contains a headline with column headings.

.....  
default Default is Y.  
.....

## QUOTE\_VALUES

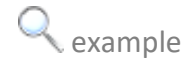
.....  
QUOTE\_VALUES defines, whether the separate values in the CSV file are quoted. purpose

.....  
This setting is optional. type

.....  
The keyword is recorded in the [CSV] section. section

.....  
The values in the CSV file are quoted:

QUOTE\_VALUES = "Y"



.....  
The item has to have the following format:

QUOTE\_VALUES = "*vaLue*"

format

.....  
You may specify the following values:


values

Value	Description
N	The values in the CSV file are not quoted.
Y	The values in the CSV file are quoted.

.....  
Default is N.


default

## SEPARATOR

purpose	..... SEPARATOR defines, by which character the values in the CSV file are separated. .....
type	..... This setting is optional. .....
section	..... The keyword is recorded in the [CSV] section. .....
 example	..... The values in the CSV file are separated by a semicolon: SEPARATOR = ";" .....
format	..... The item has to have the following format: SEPARATOR = "vaLue" .....
values	..... You may specify any character as a value. .....
default	..... Default is ";" .....

## 21.3 [CSV\PARAMETERS] Section

.....  
The settings in the [CSV\PARAMETERS] section are necessary only, if the batch scripts of easyPRIMA are supposed to import or export queues via CSV files.  
.....

 **Caution** -  
without data-  
base only

.....  
The [CSV\PARAMETERS] section contains the assignments of the column headings to the appropriate easyPRIMA parameters.  
.....

description

If there are no column headings existing, you have to use the column numbers instead.  
.....

.....  
The in the CSV file contained columns with the name, the brand and the model type of the device and the information about the three paper trays are assigned to the appropriate easyPRIMA parameters:  
.....

 example

```
[CSV\PARAMETERS]
queuename = "QueueName"
devicebrand = "Brand"
devicemodel = "Model"
devicetraytype1 = "Type Drawer 1"
queuetrayformat1 = "Size Drawer 1"
queuetraymedium1 = "Medium Drawer 1"
devicetraytype2 = "Type Drawer 2"
queuetrayformat2 = "Size Drawer 2"
queuetraymedium2 = "Medium Drawer 2"
devicetraytype3 = "Type Drawer 3"
queuetrayformat3 = "Size Drawer 3"
queuetraymedium3 = "Medium Drawer 3"
```

.....  
The item has to have the following format:  
.....

format

```
parameter = "column_heading"
```

.....  
You may specify any parameter known by easyPRIMA or any freely definable values, as long as these only contain alphanumeric characters or underlines.  
.....

values

The known easyPRIMA parameters will be mapped to the specific parameters of the output management system, when the queue configurations are exported. Additionally defined own parameters will be transferred to the output management system as they are.  
.....

.....  
There is no default.  
.....

default

..... *To be continued*

**[CSV\PARAMETERS] Section, Continuation**easyPRIMA pa-  
rameters, part 1

By default the following values are available in easyPRIMA:

<b>Parameters</b>
devicebrand
devicecolor
deviceduplex
devicefinishing
deviceformatlanguage
devicemarginbottom
devicemarginleft
devicemarginright
devicemargintop
devicemaxpage
devicetraycount
devicemodel
deviceoutputbincount
deviceresolution
devicetemplate
<b>devicetraytypen</b>
queuecomment
queuedepartment
queuedriver
queuefallbackfold
queuefallbackformat
queuefallbackmaterial
queuefallbackoutbin
queuefallbackpunch
queuefallbacksort
queuefallbackstaple
queuegroupsallowed
queuegroupsdenied
queuelocation
<b>queuename</b>

..... *To be continued*

## [CSV\PARAMETERS] Section, Continuation

---

Continuation:

easyPRIMA pa-  
rameters, part 2

Parameters
queueoutputdestination
queueoutputmethod
queueoutputmode
queueoutputqueue
queuesharename
queueservers
queuetemplate
queuetrayformat <i>n</i>
queuetraymedium <i>n</i>
queueupdateflag

---

## 21.4 [EDCEXPORREST] Section

description

The [EDCEXPORREST] section contains the settings for the REST interface for the export to PLOSSYS netdome systems.

in this section

This section contains the following parameters:

Topic	Page
EXPORT_ISCLI_QUEUE_LIMIT	267
EXPORT_ISCLI_TIMEOUT	268
EXPORT_LOG_JSON	269
EXPORT_PASSWORD	270
EXPORT_REALM	271
EXPORT_STORE_LIMIT	272
EXPORT_URI	273
EXPORT_USERNAME	274
EXPORT_WAITFORCONFIRMATION	275

## EXPORT\_ISCLI\_QUEUE\_LIMIT

.....  
EXPORT\_ISCLI\_QUEUE\_LIMIT defines the maximum number of queues that easyPRIMA is allowed to export without initiating the rereading of the plossys.cfg.

purpose

easyPRIMA exports the queues to the PLOSSYS netdome systems and then sends the command to reread the plossys.cfg. As soon as ISCLI confirms that the plossys.cfg has been reread, easyPRIMA registers the export as successfully finished.

If you wish to export only a single or a few queues, the rereading of the plossys.cfg is too time-consuming. Therefore, the changed queue data are written into the plossys.cfg, whereas the queue data of the running system are updated by separate ISCLI commands.

As the time advantage is only given at the export of a few queues, you are advised to not set the limit too high.

.....  
This setting is optional.

type

.....  
The keyword is recorded in the [EDCEXPORREST] section.

section

.....  
The item has to have the following format:

format

EXPORT\_ISCLI\_QUEUE\_LIMIT = "value"


- .....
- You may enter any natural number.
  - 0 deactivates the rereading of the plossys.cfg.
- .....

values

.....  
Default is 0.

default

.....  
If you export queues to PLOSSYS netdome 4.7.0 systems, in rare cases particular Cyrillic, Chinese and Japanese UTF-8 characters are not decoded correctly. In this case set the value to 0.

 **Caution - UTF-8 characters in PLOSSYS netdome 4.7.0**

## EXPORT\_ISCLI\_TIMEOUT

purpose

EXPORT\_ISCLI\_TIMEOUT defines the time interval in seconds that easyPRIMA waits for a confirmation of ISCLI. If this is expired, easyPRIMA aborts the export and adds an appropriate message in the edc.1og log file.



**Caution** -  
only if

This setting is only included, if the export is done directly by ISCLI commands, i. e. if only a few queues are exported.

type

This setting is optional.

section

The keyword is recorded in the [EDCEXPORREST] section.



example

easyPRIMA is to abort the export, if a connection to Frans Server cannot be established within 50 seconds.

```
EXPORT_ISCLI_TIMEOUT = 50
```

format

The item has to have the following format:

```
EXPORT_ISCLI_TIMEOUT = "value"
```

values

You may enter any natural number.

default

Default is 30.

## EXPORT\_LOG\_JSON

.....  
EXPORT\_LOG\_JSON defines, whether a log file for the export of the queue data to PLOSSYS netdome systems is to be created. purpose

.....  
This setting is optional. type

.....  
The keyword is recorded in the [EDCEXPORREST] section. section

.....  
The item has to have the following format: format

EXPORT\_LOG\_JSON = "value"

.....  
You may specify the following values: values

Value	Description
N	The log file is not created.
Y	The log file is created.

.....  
Default is N. default

## EXPORT\_PASSWORD

purpose	..... EXPORT_PASSWORD defines which password is to be used for the queue export to PLOSSYS netdome systems. .....
type	..... This setting is optional. .....
section	..... The keyword is recorded in the [EDCEXPORREST] section. .....
format	..... The item has to have the following format: EXPORT_PASSWORD = <i>value</i> .....
values	..... You may specify any string. .....
default	..... There is no default. .....

## EXPORT\_REALM

..... EXPORT_REALM defines in which domain, e. g. Kerberos, the user who wants to execute the export to PLOSSYS netdome systems is to be authenticated. .....	purpose
..... This setting is optional. .....	type
..... The keyword is recorded in the [EDCEXPORREST] section. .....	section
..... The item has to have the following format: EXPORT_REALM = <i>value</i> .....	format
..... You may specify any string. .....	values
..... There is no default. .....	default

## EXPORT\_STORE\_LIMIT

purpose	<p>.....</p> <p>EXPORT_STORE_LIMIT defines the maximum number of temporary directories that are allowed to be saved when exporting to PLOSSYS netdome systems.</p> <p>During the export the required files are written in a temporary directory and copied to the system in one go at the end. The current files are saved in the same temporary directory. Thus the original status of the system can be restored in case of error.</p> <p>During a new export a new temporary directory is created.</p> <p>If the number of temporary directories exceeds the number configured here, the oldest directory is deleted.</p> <p>.....</p>
type	<p>.....</p> <p>This setting is optional.</p> <p>.....</p>
section	<p>.....</p> <p>The keyword is recorded in the [EDCEXPORREST] section.</p> <p>.....</p>
format	<p>.....</p> <p>The item has to have the following format:</p> <p>EXPORT_STORE_LIMIT = "value"</p> <p>.....</p>
values	<p>.....</p> <p>You may enter any natural number.</p> <p>.....</p>
default	<p>.....</p> <p>Default is 100.</p> <p>.....</p>

## EXPORT\_URI

.....  
EXPORT\_URI defines the directory to which the queue data are exported. purpose

.....  
This setting is optional. type

.....  
The keyword is recorded in the [EDCEXPORREST] section. section

.....  
The item has to have the following format: format

EXPORT\_URI = "http://*server\_name*:*port\_number*/*directory*"

.....  
You may specify any path. values

.....  
Default is default

http://localhost:8080/edc-restexport/printers.  
.....

## EXPORT\_USERNAME

purpose	..... EXPORT_USERNAME defines under which user name the queue export to PLOSSYS netdome systems is to be executed. .....
type	..... This setting is optional. .....
section	..... The keyword is recorded in the [EDCEXPORREST] section. .....
format	..... The item has to have the following format: EXPORT_USERNAME = <i>value</i> .....
values	..... You may specify any string. .....
default	..... There is no default. .....

## EXPORT\_WAITFORCONFIRMATION


.....  
EXPORT\_WAITFORCONFIRMATION defines when easyPRIMA reports an export as successfully finished. purpose

easyPRIMA exports the queues to the PLOSSYS netdome systems and then sends the command to reread the plossys.cfg. As soon as ISCLI confirms that the plossys.cfg has been reread, easyPRIMA registers the export as successfully finished.

Waiting for the reply may possibly be very time-consuming. Therefore you may disable this option, if necessary.

If you export only a few queues a different exporting method will be used:

→ EXPORT\_ISCLI\_QUEUE\_LIMIT, Seite 267

 hint - exporting few queues

.....  
This setting is optional. type

.....  
The keyword is recorded in the [EDCEXPORREST] section. section

.....  
The item has to have the following format: format

EXPORT\_WAITFORCONFIRMATION = "vaLue"

.....  
You may specify the following values: values

Value	Description
N	easyPRIMA is not to wait for the confirmation of ISCLI.
Y	easyPRIMA is to wait for the confirmation of ISCLI.

.....  
Default is Y. default

## 21.5 [FILTERFAVORITES] Section

description

.....  
The [FILTERFAVORITES] section contains general parameters.  
.....

in this section

.....  
This section contains the following parameters:  
.....

Topic	Page
QUEUE_FILTERFAVORITES	277
SYSTEM_FILTERFAVORITES	278
XXX_FILTERFAVORITES	278

.....


## QUEUE\_FILTERFAVORITES

.....  
QUEUE\_FILTERFAVORITES defines preferred search terms for queues. purpose

Queue parameters that you enter here, will precede the selection list of the parameters in the search mask.

.....  
This setting is optional. type

.....  
The keyword is recorded in the [FILTERFAVORITES] section. section

.....  
You often use the name, location, department and model queue parameters in the search:  example

QUEUE\_FILTERFAVORITES = "name,location,department,model"

.....  
The item has to have the following format: format


QUEUE\_FILTERFAVORITES = "*value1;value2;value3;...;valuen*"

.....  
You may specify any queue parameter that is available in the selection list. values

The queue parameters are displayed in the order, in which you have specified them.

.....  
There is no default. You have to activate the keyword first. Then the default is default  
"name,location"

## SYSTEM\_FILTERFAVORITES

purpose	<p>.....</p> <p>SYSTEM_FILTERFAVORITES defines the preferred search terms for systems.</p> <p>System parameters that you enter here, will precede the selection list of the system parameters in the search mask.</p> <p>.....</p>
type	<p>.....</p> <p>This setting is optional.</p> <p>.....</p>
section	<p>.....</p> <p>The keyword is recorded in the [FILTERFAVORITES] section.</p> <p>.....</p>
 example	<p>You often use the name, system, version and location system parameters in the search:</p> <pre>SYSTEM_FILTERFAVORITES = "name,system,version,location"</pre> <p>.....</p>
format	<p>The item has to have the following format:</p> <pre>SYSTEM_FILTERFAVORITES = "value1;value2;value3;...;valuen"</pre> <p>.....</p>
values	<p>You may specify any system parameter that is available in the selection list.</p> <p>The system parameters are displayed in the order, in which you have specified them.</p> <p>.....</p>
default	<p>There is no default. You have to activate the keyword first. Then the default is "name"</p> <p>.....</p>

## XXX\_FILTERFAVORITES

.....  
XXX\_FILTERFAVORITES defines preferred search terms for any object for which the search is available, e. g. queue group, system group, contact, queue parameter, templates, driver, ...

purpose

Parameters that you enter here, will precede the selection list of the parameters in the search mask.

.....  
This setting is optional.

type

.....  
The keyword is recorded in the [FILTERFAVORITES] section.

section

.....  
The item has to have the following format:

format

.....  
XXX\_FILTERFAVORITES = "*value1;value2;value3;...;valuen*"

.....  
You may specify any parameter that is available in the selection list.

values

The parameters are displayed in the order, in which you have specified them.

.....  
There is no default. You have to enter keyword and values first.

default

## 21.6 Section [GENERAL]

description

The [GENERAL] section contains general parameters.

in this section

This section contains the following parameters:

Topic	Page
ACTION_HISTORY_JSON_LOG	281
ACTION_HISTORY_LOG_USERNAME	282
ACTION_HISTORY_USERCOMMENT	283
ACTION_PASSON_SAPQUEUE	284
EXPORT_MODE	285
QUEUESINI_DIR	286
SAVE_TEMPORARY_FILES	288
SEAL_WINDOWS_CONFIG	289
SHOW_LAST_ACTION	290
USE_ACTION_HISTORY	291
USE_STRICT_SHOW_RIGHTS	292
VALIDATE_QUEUE_NAME_CASEINSENSITIVE	293

## ACTION\_HISTORY\_JSON\_LOG

.....  
ACTION\_HISTORY\_JSON\_LOG defines, whether an additional log file in JSON format is to be created. This can be imported into Kibana.

purpose

.....  
This setting is optional.


type

.....  
The keyword is recorded in the [GENERAL] section.

section

.....  
The Kibana log file is to be created:

ACTION\_HISTORY\_JSON\_LOG = "Y"

 example

.....  
The item has to have the following format:

ACTION\_HISTORY\_JSON\_LOG = "vaLue"

format

.....  
You may specify the following values:

values

Value	Description
N	The Kibana log file is not required.
Y	The Kibana log file is to be created.

.....  
Default is N.


default

## ACTION\_HISTORY\_LOG\_USERNAME

.....  
purpose ACTION\_HISTORY\_LOG\_USERNAME defines, whether the action is to be saved in the Kibana log with the user name or an anonymized user.  
.....

type This setting is optional.  
.....

section The keyword is recorded in the [GENERAL] section.  
.....

 example The user name is to be anonymized.  
ACTION\_HISTORY\_LOG\_USERNAME = "N"  
.....

format The item has to have the following format:  
ACTION\_HISTORY\_LOG\_USERNAME = "*vaLue*"  
.....

values You may specify the following values:

Value	Description
N	The user name is to be anonymized.
Y	The user name is to be saved.

default Default is N.  
.....

## ACTION\_HISTORY\_USERCOMMENT

.....  
ACTION\_HISTORY\_USERCOMMENT defines, whether a comment has to be entered at specific changes in easyPRIMA that are logged. If this keyword is activated, a comment for executing an operation is mandatory.


purpose

The following operations are commented:

operations

- Creating, changing and deleting of a queue or a system
- Grouping queues and systems
- Connecting system groups and queue groups

.....  
This parameter is used only, if changes in easyPRIMA are logged that is the USE\_ACTION\_HISTORY parameter is set to "Y", see page 291.

 **Caution** - only if


.....  
This setting is optional.

type

.....  
The keyword is recorded in the [GENERAL] section.

section

.....  
The entry of a comment about the change is to be forced:

 example

ACTION\_HISTORY\_USERCOMMENT = "Y"

.....  
The item has to have the following format:

format

ACTION\_HISTORY\_USERCOMMENT = "*value*"

.....  
You may specify the following values:

values

Value	Description
N	Comments about changes are not needed.
Y	A comment about the change is mandatory.

.....  
Default is N.

default

## ACTION\_PASSON\_SAPQUEUE

### purpose

ACTION\_PASSON\_SAPQUEUE activates a button in the queue list with which you may create several SAP queues to a master queue.

This enables you to activate a physical output device within an SAP system with different output parameters.



### Caution - new queue pa- rameters

For these SAP queues new queue parameters are required. If you wish to generate SAP queues with this method, you need to set the ACTION\_PASSON\_SAPQUEUE parameter to "Y" and then re-import the SAP queue parameters in easyPRIMA:

→ *Add Customer-Specific Parameters*, Seite 116

### type

This setting is optional.

### section

The keyword is recorded in the [GENERAL] section.



### example

The operating sequences to generate SAP queues are to be activated:

```
ACTION_PASSON_SAPQUEUE = "Y"
```

### format

The item has to have the following format:

```
ACTION_PASSON_SAPQUEUE = "vaLue"
```

### values

You may specify the following values:

Value	Description
N	The button for the generation of SAP queues is deactivated.
Y	The button for the generation of SAP queues is activated.

### default

Default is N.

## EXPORT\_MODE

.....  
EXPORT\_MODE defines which method is used for exporting the queue data. purpose

.....  
This setting is optional. type

.....  
The keyword is recorded in the [GENERAL] section. section


.....  
The item has to have the following format: format

EXPORT\_MODE = "value"

.....  
You may specify the following values: values


- FILE  
Export via FransS/kNet, i. e. all queue configurations of a system are exported.
- REST  
Export via REST service, i. e. only those queue configurations are exported that have been added, changed or deleted since the last export.
- REST\_OR\_FILE  
The export is preferably done via REST service. If the REST service is not reachable, the export is done via FransS/kNet.

If you wish to export queue configurations to a PLOSSYS netdome system via REST service, a corresponding REST service has to be installed in the PLOSSYS netdome system.

 **Caution** -  
PLOSSYS net-  
dome systems

.....  
Default is FILE. default


## QUEUESINI\_DIR

 **caution** - not used any more

.....  
This parameter is no longer required.  
.....

## QUEUESINI\_SINGLE\_FILE

.....  
This parameter is necessary only if you have set up more than 256 queue groups in easyPRIMA and use SEAL Master Driver version 6.x for printing under Windows.

 **Caution** - required if

As of SEAL Master Driver Version 7.x this parameter is no longer required.

.....  
QUEUESINI\_SINGLE\_FILE specifies that easyPRIMA exports the queue data for SEAL Master Driver to one single queues.ini file.

purpose

Usually easyPRIMA creates several .ini files:

- One file for each existing queue group:  
queuegroup.queuegroupname.queues.ini.  
This contains the data of all queues that belong to this queue group.
- One queuegroups.ini file. This contains the list of the individual queue group .ini files.

SEAL Master Driver Version 6.x can only process a maximum number of 256 individual queue groups .ini files. If easyPRIMA exports the queue data to one single .ini file, the number of queue groups may be higher.

.....  
This setting is optional.

type

.....  
The keyword is recorded in the [GENERAL] section.

section

.....  
The item has to have the following format:

format

QUEUESINI\_SINGLE\_FILE = "value"

.....  
You may specify the following values:

values

Value	Description
N	easyPRIMA exports the queue data to the standard files.
Y	easyPRIMA exports the queue data to one single file.

.....  
Default is N.

default

## SAVE\_TEMPORARY\_FILES

purpose

SAVE\_TEMPORARY\_FILES defines, whether the temporary files that are needed during the export to SAP systems are to be saved.



**Caution** - increased memory requirements

You should activate SAVE\_TEMPORARY\_FILES only in case of export problems for error analysis. The temporary files are partially very large and allocate accordingly a lot of memory capacity. You have to delete the files manually, if you do not need them anymore.

type

This setting is optional.

section

The keyword is recorded in the [GENERAL] section.

format

The item has to have the following format:

SAVE\_TEMPORARY\_FILES = "Value"

values

You may specify the following values:

Value	Description
N	Temporary files are not saved.
Y	Temporary files are saved in the data\edc directory.

default

Default is N.

## SEAL\_WINDOWS\_CONFIG

.....  
SEAL\_WINDOWS\_CONFIG defines, whether the files with the queue information are created which are needed for Windows printing: purpose

→ *QUEUESINI\_DIR*, Seite 286

.....  
This setting is optional. type

.....  
The keyword is recorded in the [GENERAL] section. section

.....  
The files with the queue information are not to be created:  example

SEAL\_WINDOWS\_CONFIG = "N"

.....  
The item has to have the following format: format

SEAL\_WINDOWS\_CONFIG = "*value*"

.....  
You may specify the following values: values

Value	Description
N	The files with the queue information are not to be created.
Y	The files with the queue information are to be created:

.....  
Default is Y. default

## SHOW\_LAST\_ACTION

### purpose

SHOW\_LAST\_ACTION defines, whether in the queue data the additional queue parameter Last Modification is to be displayed, in which date and initiator of the last modification made in the queue data are saved.

### type

This setting is optional.

### section

The keyword is recorded in the [GENERAL] section.



### example

Date and initiator of the last modification in the queue data are to be displayed as queue parameter:

```
SHOW_LAST_ACTION = "Y"
```

### format

The item has to have the following format:

```
SHOW_LAST_ACTION = "vaLue"
```

### values

You may specify the following values:

Value	Description
N	The last modification is not to be displayed.
Y	The last modification is to be displayed.

### default

Default is N.

## USE\_ACTION\_HISTORY

.....  
USE\_ACTION\_HISTORY defines, whether changes in easyPRIMA are logged. purpose

.....  
This setting is optional. type

.....  
The keyword is recorded in the [GENERAL] section. section

.....  
The item has to have the following format: format

USE\_ACTION\_HISTORY = "*vaLue*"

.....  
You may specify the following values: values

Value	Description
N	Changes are not to be logged.
Y	Changes are to be logged.

.....  
Default is Y. default

## USE\_STRICT\_SHOW\_RIGHTS

purpose	<p>.....</p> <p>USE_STRICT_SHOW_RIGHTS defines, whether users that are not logged on are granted reading access to easyPRIMA or not.</p> <p>.....</p>						
type	<p>.....</p> <p>This setting is optional.</p> <p>.....</p>						
section	<p>.....</p> <p>The keyword is recorded in the [GENERAL] section.</p> <p>.....</p>						
format	<p>.....</p> <p>The item has to have the following format:</p> <p>USE_ACTION_HISTORY = "value"</p> <p>.....</p>						
values	<p>.....</p> <p>You may specify the following values:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Value</th> <th style="text-align: left;">Description</th> </tr> </thead> <tbody> <tr> <td>N</td> <td>Not logged on users do have reading access.</td> </tr> <tr> <td>Y</td> <td>Not logged on users do not have any access.</td> </tr> </tbody> </table> <p>.....</p>	Value	Description	N	Not logged on users do have reading access.	Y	Not logged on users do not have any access.
Value	Description						
N	Not logged on users do have reading access.						
Y	Not logged on users do not have any access.						
default	<p>.....</p> <p>Default is N.</p> <p>.....</p>						

## VALIDATE\_QUEUENAME\_CASEINSENSITIVE

.....  
VALIDATE\_QUEUENAME\_CASEINSENSITIVE defines, whether easyPRIMA validates queue names independent of their upper and lower case spelling when it creates queues. Thus you can avoid queue duplicates with the same character sequence.  
.....

purpose

.....  
This setting is optional.  
.....

type

.....  
The keyword is recorded in the [GENERAL] section.  
.....

section

.....  
The item has to have the following format:  
.....

format

VALIDATE\_QUEUENAME\_CASEINSENSITIVE = "*value*"  
.....

.....  
You may specify the following values:  
.....

values

Value	Description
N	easyPRIMA validates queue names case-sensitively.
Y	easyPRIMA validates queue names case-insensitively.

.....  
Default is Y.  
.....

default

## 21.7 [GETTING] Section

description

The settings in the [GETTING] section are used for the import of the queue configurations from the known output management systems.

in this section

This section contains the following parameters:

Topic	Page
ADD_UNKNOWN_DEPARTMENTS	295
MERGE_QUEUE_DATA	296
ODM_MAX_PROCESSES	297
ODM_TIMEOUT	298
PING_TIMEOUT	299
SNMP_COMMUNITY	300
UPDATE_QUEUES_IN_DB	301
USE_ODM_TOOLS	302

## ADD\_UNKNOWN\_DEPARTMENTS

ADD\_UNKNOWN\_DEPARTMENTS defines, whether departments that are not yet recorded in easyPRIMA, are to be accepted, when queues are imported into the easyPRIMA database.

purpose

This setting is optional.

type

The keyword is recorded in the [GETTING] section.

section

Departments not yet existing are not to be accepted in the easyPRIMA database:

 example

```
ADD_UNKNOWN_DEPARTMENTS = "N"
```

The item has to have the following format:

format

```
ADD_UNKNOWN_DEPARTMENTS = "value"
```

You may specify the following values:

values

Value	Description
N	Departments not yet existing are to be ignored. The item for the department in the easyPRIMA database will remain empty.
Y	Departments not yet existing are to be accepted in the easyPRIMA database.


Default is Y.

default

## MERGE\_QUEUE\_DATA

purpose

MERGE\_QUEUE\_DATA defines, whether data of existing queues are to be merged with newly imported data for the same queue, when queues are imported into the easyPRIMA database. This setting is always effective for all queues.

 **Caution** - only if


This parameter is used only, if updating the queue data in the easyPRIMA database is allowed in general, that means that the UPDATE\_QUEUES\_IN\_DB parameter is set to Y, see page 301.

type

This setting is optional.

section

The keyword is recorded in the [GETTING] section.

 example

Data of existing queues are not to be merged with newly imported data for the same queue, but remain unchanged:

```
MERGE_QUEUE_DATA = "N"
```

format

The item has to have the following format:

```
MERGE_QUEUE_DATA = "value"
```

..... *To be continued*

values

You may specify the following values:

Value	Description
N	Data of existing queues remain unchanged.
Y	Data of existing queues are merged with newly imported data for the same queue.  The data are merged as follows: <ul style="list-style-type: none"> <li>• All parameters of the queue will be overwritten with the specific values of the newly imported data.</li> <li>• If the values of the newly imported data are empty, the old value will continue.</li> <li>• Data of brand, model and template will be accepted only, if proper values, for which a template is existing in the easyPRIMA database, are provided by the external system, or if here no values are recorded yet for this queue. In any other case the existing values will continue.</li> </ul>

default


Default is Y.

## ODM\_MAX\_PROCESSES

.....  
ODM\_MAX\_PROCESSES defines the maximum number of query processes  
easyPRIMA is allowed to start in parallel to directly retrieve the device configu-  
ration of network printers.

purpose

This parameter is used only, if the direct inquiry of network printers is activated  
in general, i. e. the parameter USE\_ODM\_TOOLS is set to Y, see page 302.

 **Caution** -  
only if


.....  
This setting is optional.

type

.....  
The keyword is recorded in the [GETTING] section.

section

.....  
easyPRIMA is allowed to start a maximum of 50 processes in parallel to directly  
retrieve the device configuration of network printers:

 example

ODM\_MAX\_PROCESSES = 50

.....  
The item has to have the following format:

format

ODM\_MAX\_PROCESSES = "VaLue"

.....  
You may enter any natural number.

values

.....  
Default is 40.

default

## ODM\_TIMEOUT

purpose

.....  
ODM\_TIMEOUT defines the time period in seconds that easyPRIMA waits for a response of the network printer. If this is expired, easyPRIMA aborts its query and adds an appropriate message in the edc.1og log file.



**Caution** -  
only if

This parameter is used only, if the direct inquiry of network printers is activated in general, i. e. the parameter USE\_ODM\_TOOLS is set to Y, see page 302.

type

.....  
This setting is optional.

section

.....  
The keyword is recorded in the [GETTING] section.



example

.....  
The query of the network printer is to be aborted after 20 seconds, in which no response has been received:

ODM\_TIMEOUT = 20

format

.....  
The item has to have the following format:

ODM\_TIMEOUT = "VaLue"

values

.....  
You may enter any natural number.

default


.....  
Default is 15.  
.....

## PING\_TIMEOUT

.....  
PING\_TIMEOUT defines the time period in seconds that easyPRIMA waits for a response of the network printer. If this is expired, easyPRIMA does not send a request to the network printer.

purpose

.....  
This parameter is used only, if the direct inquiry of network printers is activated in general, i. e. the parameter USE\_ODM\_TOOLS is set to Y, see page 302.

 **Caution** - only if


.....  
This setting is optional.

type

.....  
The keyword is recorded in the [GETTING] section.

section

.....  
easyPRIMA is to wait 10 seconds for the response of the network printer:

 example

PING\_TIMEOUT = 10

.....  
The item has to have the following format:

format

PING\_TIMEOUT = "value"

.....  
You may specify the following values:


values

- any natural number  
time interval in seconds
- 0  
easyPRIMA does not send a ping.

.....  
Default is 5.

default

## SNMP\_COMMUNITY

purpose	<p>.....</p> <p>SNMP_COMMUNITY defines the SNMP community string, with which requests via SNMP interface are authorized.</p> <p>.....</p>
SNMP community string	<p>.....</p> <p>The SNMP community string is a simple form of access protection, comparable to a password. This is supposed to protect the statistics data of a device, for example a router or printer, from unauthorized access.</p> <p>Different SNMP managers may be combined to a group, the Community, the access rights of which are defined in a Community Profile. The SNMP community string confirms the affiliation to such a group.</p> <p>If requests are sent to the SNMP interface of a device, the SNMP community string has to be attached. If this is correct, the device will provide the requested information, otherwise it will not reply.</p> <p>Devices are delivered usually with the default <code>public</code>. This has to be changed, when the devices are setup by the administrator, if necessary.</p> <p>.....</p>
SNMP protocols	<p>SNMP community strings are used only by devices that support the SNMPv1 and SNMPv2c protocols.</p> <p>.....</p>
type	<p>.....</p> <p>This setting is optional.</p> <p>.....</p>
section	<p>.....</p> <p>The keyword is recorded in the [GETTING] section.</p> <p>.....</p>
 example	<p>.....</p> <p>The ODM request is supposed to be made with the Community <code>private</code>:</p> <pre>SNMP_COMMUNITY = "private"</pre> <p>.....</p>
format	<p>.....</p> <p>The item has to have the following format:</p> <pre>SNMP_COMMUNITY = "value"</pre> <p>.....</p>
values	<p>.....</p> <p>You may specify any string that is accordingly set at the device.</p> <p>.....</p>
default	<p>.....</p> <p>The default is <code>public</code>.</p> <p>.....</p>

## UPDATE\_QUEUES\_IN\_DB

.....  
UPDATE\_QUEUES\_IN\_DB defines, whether during the importing of queues into the easyPRIMA database, existing queues are to be overwritten. This setting is always effective for all queues.

purpose


.....  
This setting is optional.

type

.....  
The keyword is recorded in the [GETTING] section.

section

.....  
Existing queues are not to be overwritten during potentially made later imports:

 example

UPDATE\_QUEUES\_IN\_DB = "N"


.....  
The item has to have the following format:

format

UPDATE\_QUEUES\_IN\_DB = "*Value*"

.....  
You may specify the following values:

values

Value	Description
N	Existing queues are to be ignored during following imports..
Y	Existing queues are to be overwritten during following imports.  <b>Caution</b> - no confirmation prompt: With this setting the queues will be overwritten in any case. There is no confirmation prompt.

.....  
Default is Y.

default

## USE\_ODM\_TOOLS

purpose


USE\_ODM\_TOOLS defines, whether easyPRIMA shall try to directly contact network printers and retrieve their current device configuration, when importing queues from external systems. This setting is always effective for all queues.

type

This setting is optional.

section

The keyword is recorded in the [GETTING] section.

 example

easyPRIMA is to try to directly contact network printers and retrieve their current device configuration, when importing queues:

```
USE_ODM_TOOLS = "Y"
```


format

The item has to have the following format:

```
USE_ODM_TOOLS = "value"
```

values

You may specify the following values:

Value	Description
N	easyPRIMA is to use the data imported from the system.
Y	<p>easyPRIMA is to try to directly contact network printers and retrieve their current device configuration, when importing queues.</p> <p> <b>Caution</b> - performance: This setting is always effective for all queues. If you activate this parameter, this will have significant effect on the duration of the import process.</p>

default


Default is N.

## 21.8 [MAPPING] Section


.....  
The settings in the [MAPPING] section are used for the mapping of the parameters. The imported queue configurations will be modified according to the specified rules and completed with parameters from the template files.

description

If you need to define settings that are to be used exclusively for importing queue configurations, you have to add a section named [MAPPING\GETTING] in the `edc.cfg` configuration file and there enter the parameters with their import-specific settings, the values of which differ from the settings in the [MAPPING] section.

 hint - specific rules for the import

If you need to define settings that are to be used for the export of the queue configurations exclusively, you have to add a section with the name [MAPPING\SETTING] and there enter the parameters with their export-specific settings, the values of which differ from the settings in the [MAPPING] section.

 hint - specific rules for the export

.....  
This section contains the following parameters:

in this section

Topic	Page
FILTER	304

## FILTER

purpose

FILTER defines, which queues are to be included in the export.



**Caution** -  
time of using

The FILTER parameter is interpreted at different times in the [MAPPING] and [SETTING] sections. The parameter in the [MAPPING] section is checked before the changing of the queue parameters by the parameter mapping, the parameter in the [SETTING] section is checked after the changing of the queue parameters by the parameter mapping.

type

This setting is optional.

section

The keyword is recorded in the [MAPPING] section.



example

easyPRIMA is supposed to export only queues, the name of which begins with HP, independent of case sensitivity:

```
FILTER = "QueueName =~ /^HP/i"
```

format

The item has to have the following format:

```
FILTER = "QueueParameter =~ regular expression"
```

values

You may specify any queue parameters and any regular expressions. The syntax of the regular expressions corresponds to the common Perl syntax.

You may combine several regular expressions with the logical operators AND and OR, and influence the order of interpretation with ( ).

Queue parameters and regular expressions are allowed to contain environment variables in the form of *%Variable%*.

You may use the following special parameters to make the mapping dependent on the specific system:

Parameters	Description
OMS_PORT	Port number of the system, or the client of the SAP system
OMS_SYSTEM	Server name of the system, or the name of the SAP system
OMS_TYPE	Type of the system, for example PLOSSYS or DMS
OMS_USER	User name for accessing the system

default


There is no default.

## 21.9 [MAPPING\PARAMETER\ParameterName] Section


.....  
In the [MAPPING\PARAMETER\ParameterName] section the rules are defined according to which the parameter specified at the end of the section name is changed or created. Each line defines a new value and the rule, when it is to be set. The keyword remains unchanged.

description

If you need to define rules that are to be used exclusively for importing queue configurations, in the `edc.cfg` configuration file, you have to add a section named [MAPPING\GETTING\PARAMETER\ParameterName] and there enter the import-specific rules.

 hint - specific rules for the import

If you need to define rules that are to be used exclusively for exporting queue configurations, in the `edc.cfg` configuration file, you have to add a section named [MAPPING\SETTING\PARAMETER\ParameterName] and there enter the export-specific rules.

 hint - specific rules for the export

.....  
This section contains the following parameters:

in this section

Topic	Page
VALUE	306

## VALUE

purpose


.....  
VALUE defines a value to which the queue parameter specified in the section name is to be set, and a rule, when this value is to be set.  
.....

type

.....  
This setting is optional.  
.....

section

.....  
The keyword is recorded in the [MAPPING\PARAMETER\ParameterName] section.  
.....

 example

.....  
The cdout.pdf\_vr\_pdf queue template is suppose to be used, if no devicetemplate is specified and if the value of devicemodel contains cdout independent of case sensitivity:

```
[MAPPING\PARAMETER\devicetemplate]
VALUE = "cdout.pdf_vr_pdf" IF "devicetemplate =~ /^$/ and
      devicemodel =~ /cdout/i"
```

format

.....  
The item has to have one of the following formats:

type	Format and Meaning
1	VALUE = "Value" The parameter is set to the specified value.
2	VALUE = "Value" IF "regular expression" The parameter is set to the specified value only, if the queue matches the specified regular expression.
3	VALUE = REMOVE The parameter will be deleted.
4	VALUE = REMOVE IF "regular expression" The parameter will be deleted only, if the queue matches the specified regular expression.

..... To be continued

## VALUE, Continuation

.....  
You may specify any queue parameters and any regular expressions. The syntax values of the regular expressions corresponds to the common Perl syntax.

You may combine several regular expressions with the logical operators AND and OR, and influence the order of interpretation with ( ).

Queue parameters and regular expressions are allowed to contain environment variables in the form of *%Variable%*.

You may use the following special parameters to make the mapping dependent on the specific system:

Parameters	Description
OMS_PORT	Port number of the system, or the client of the SAP system
OMS_SYSTEM	Server name of the system, or the name of the SAP system
OMS_TYPE	Type of the system, for example PLOSSYS or DMS
OMS_USER	User name for accessing the system

..... *To be continued*

## VALUE, Continuation

values with references to other parameters

.....  
The value may contain references to other queue parameters. The syntax of these variables has to match one of the following.:

Variant	Syntax and Meaning
1	<i>%ParameterName%</i> The specified queue parameter will be replaced by its value.
2	<i>%index:ParameterName%</i> The specified queue parameter will be replaced by the part of its value that begins with the character, the number of which matches the number specified as index. The counting of the index starts with 0. This allows to cut off characters at the beginning that are not needed.
3	<i>%format:ParameterName%</i> The specified queue parameter will be replaced by its value, after this has been changed into the specified format. The format corresponds to the common printf format of C.
4	<i>%format:index:ParameterName%</i> The value will be cut according to the specified index as explained in variant 2, and then changed into the specified format as explained in variant 3. The value created this way will be used.

default

.....  
There is no default.  
.....

## 21.10 [OIDC] Section

.....  
The [OIDC] section contains the logon credentials to the OIDC or Keycloak server. description


If you have registered easyPRIMA at the OIDC or Keycloak server, you can configure the logon credentials here.

.....  
This section contains the following parameters:

in this section

Topic	Page
AUTH_ACCESS_MODE	310
AUTH_CLIENT_ID	311
AUTH_CLIENT_SECRET	312
AUTH_ISSUER_URL	313
AUTH_SESSION_MIN_EXPIRETIME	314

## AUTH\_ACCESS\_MODE

purpose	AUTH_ACCESS_MODE defines the method by which an access token is retrieved.
type	This setting is optional.
section	The keyword is recorded in the [OIDC] section.
format	The item has to have the following format: AUTH_ACCESS_MODE = "value"
values	<p>You may specify the following values:</p> <ul style="list-style-type: none"> <li>• REMOTE easyPRIMA retrieves the access token directly from Keycloak. In this case you have to configure the AUTH_ISSUER_URL, AUTH_CLIENT_ID and AUTH_CLIENT_SECRET parameters.</li> <li>• SESSION easyPRIMA uses the access token of SEAL Control Center Session. In this case you have to activate ENABLE_OIDC in der passwd.cfg configuration file. If necessary, adjust the value of AUTH_SESSION_MIN_EXPIRETIME.</li> </ul>
 <b>Caution</b> - SEALCC version	If you use the SESSION value, you need SEALCC version 2.1.0 or later versions.
default	Default is "REMOTE".

## AUTH\_CLIENT\_ID


..... AUTH_CLIENT_ID contains the identifier with which easyPRIMA has been registered at the Keycloak server. .....	purpose
..... This setting is optional. .....	type
..... The keyword is recorded in the [OIDC] section. .....	section
..... The item has to have the following format: AUTH_CLIENT_ID = "value" .....	format
..... You may specify any string. .....	values
..... Default is "seal-easyprima". .....	default

## AUTH\_CLIENT\_SECRET

.....  
purpose AUTH\_CLIENT\_SECRET contains the secret for easyPRIMA created by Keycloak.  
.....

type This setting is optional.  
.....

section The keyword is recorded in the [OIDC] section.  
.....

 example

Keycloak has delivered the following secret for easyPRIMA:

```
AUTH_CLIENT_SECRET = "aa78902d-b5ae-4529-9324-146e25583c2f"
```

.....

format The item has to have the following format:

```
AUTH_CLIENT_SECRET = "value"
```

.....

values You have to specify the secret created by Keycloak.  
.....


default There is no default.  
.....

## AUTH\_ISSUER\_URL

.....  
AUTH\_ISSUER\_URL contains the URL for the connection to the Keycloak server.

purpose

As of Keycloak version 21.0.1, the connection to the Keycloak server has to be secured.

 hint - connection

.....  
This setting is optional.

type

.....  
The keyword is recorded in the [OIDC] section.

section

.....  
easyPRIMA is to connect to the Keycloak server using the following URL:

 example

```
AUTH_ISSUER_URL = "https://<keycloak_server>:32769/realms/SEAL/protocol/openid-connect/token"
```

.....  
The item has to have the following format:

format

```
AUTH_ISSUER_URL = "URL"
```

.....  
You may specify any path.

values

.....  
Default is

default

- for a secure connection to Keycloak 21.0.1:  
`https://<OIDC-Server Hostname>:32769/realms/SEAL/protocol/openid-connect/token`
  - for a secure connection to Keycloak 15.0.0:  
`https://<OIDC-Server Hostname>:32769/auth/realms/SEAL/protocol/openid-connect/token`
  - for an insecure connection to Keycloak 15.0.0:  
`http://<OIDC-Server Hostname>:32768/auth/realms/SEAL/protocol/openid-connect/token`
- .....

## AUTH\_SESSION\_MIN\_EXPIRETIME

purpose	<p>.....</p> <p>AUTH_SESSION_MIN_EXPIRETIME defines the time in seconds that the current access token has to be valid at the least before it is renewed.</p> <p>If the access token is not valid long enough any more, a new access token is retrieved immediately. Then the export is started.</p> <p>.....</p>
type	<p>.....</p> <p>This setting is optional.</p> <p>.....</p>
section	<p>.....</p> <p>The keyword is recorded in the [OIDC] section.</p> <p>.....</p>
format	<p>.....</p> <p>The item has to have the following format:</p> <p>AUTH_SESSION_MIN_EXPIRETIME = "value"</p> <p>.....</p>
values	<p>.....</p> <p>You may enter any natural number.</p> <p>.....</p>
default	<p>.....</p> <p>Default is 900.</p> <p>.....</p>

## 21.11 [OUTNGNREST] Section

.....  
The [OUTNGNREST] section contains the settings for the REST interface for the export to PLOSSYS Output Engine systems.

description

.....  
This section contains the following parameters:

in this section

Topic	Page
EXPORT_LOG_JSON	316
GET_QUEUES_SINGLE_LIMIT	317

## EXPORT\_LOG\_JSON

purpose .....  
EXPORT\_LOG\_JSON defines, whether a log file for the export of the queue data to PLOSSYS Output Engine systems is to be created.

type .....  
This setting is optional.

section .....  
The keyword is recorded in the [OUTNGNREST] section.

format .....  
The item has to have the following format:  
EXPORT\_LOG\_JSON = "value"

values .....  
You may specify the following values:

Value	Description
N	The log file is not created.
Y	The log file is created.

default .....  
Default is N.  
.....

## GET\_QUEUES\_SINGLE\_LIMIT

.....  
GET\_QUEUES\_SINGLE\_LIMIT defines the maximum number of queues that easyPRIMA is allowed to export without retrieving the data of all queues from the PLOSSYS Output Engine system. purpose

If you wish to export only a single or a few queues, retrieving the data of all queues of the PLOSSYS Output Engine system is too time-consuming. Hence only the queue data of the queues to be updated are retrieved.

As the time advantage is only given at the export of a few queues, you are advised to not set the limit too high.

.....  
This setting is optional. type

.....  
The keyword is recorded in the [OUTNGNREST] section. section

.....  
The item has to have the following format: format

GET\_QUEUES\_SINGLE\_LIMIT = "*value*"

.....  
You may enter any natural number. values

.....  
Default is 20. default

## 21.12 [PREDEFINITION\QUEUES] Section



hint - alternative only

The settings in the [PREDEFINITION\QUEUES] section are needed only, if you do not want to specify the defaults in the user interface or if you wish to initialize other parameters.

You have to add this section in the edc.cfg in case of need.

description

In the [PREDEFINITION\QUEUES] section you may set the defaults for queue parameters or other parameters as well.



example

In the comment the text „Testqueue“ is to be written, followed by the queue name:

```
COMMENT= "Testqueue %Name%"
```

format

The item has to have the following format:

```
Parameter = "Value"
```

values

You may specify the following values:

- Fix texts
- Variables, whereat you may specify values of other parameters as variables as well.
- A combination of fix texts and variables

default

There is no default.

## 21.13 [QUEUES\PARAMETERS] Section

.....  
The settings in the [QUEUES\PARAMETERS] section are used for generating SAPSPOOL short names. description

.....  
This section contains the following parameters:

in this section


Topic	Page
GENERATE_SAP_OM_PADEST	320
GENERATE_SAP_OM_PADEST_AT_IMPORT	321
GENERATE_SAP_OM_PADEST	322

## GENERATE\_SAP\_OM\_PADEST

purpose .....  
GENERATE\_SAP\_OM\_PADEST defines, whether a unique SAPSPOOL short name is to be set automatically when a queue is copied.

type .....  
This setting is optional.

section .....  
The keyword is recorded in the [QUEUES\PARAMETERS] section.

 example .....  
SAPSPOOL short names are to be set automatically when creating a queue:  
GENERATE\_SAP\_OM\_PADEST = "Y"

format .....  
The item has to have the following format:  
GENERATE\_SAP\_OM\_PADEST = "*vaLue*"

values .....  
You may specify the following values:

Value	Description
N	The SAPSPOOL short name has to be set manually.
Y	The SAPSPOOL short name is set automatically. As the initial value for the generated names the value set in the following parameter is used: → <i>SAP_OM_PADEST</i> , Seite 322

default .....  
Default is N.

## GENERATE\_SAP\_OM\_PADEST\_AT\_IMPORT

.....  
GENERATE\_SAP\_OM\_PADEST\_AT\_IMPORT defines, whether a unique SAPSPOOL short name is to be set automatically when a queue is imported via CSV file.

purpose


.....  
This setting is optional.

type

.....  
The keyword is recorded in the [QUEUES\PARAMETERS] section.

section

.....  
SAPSPOOL short names are to be set automatically when creating a queue:

 example

GENERATE\_SAP\_OM\_PADEST = "Y"

.....  
The item has to have the following format:

format

GENERATE\_SAP\_OM\_PADEST = "*value*"

.....  
You may specify the following values:

values

Value	Description
N	The SAPSPOOL short name is not set.
Y	The SAPSPOOL short name is set automatically. As the initial value for the generated names the value set in the following parameter is used: → SAP_OM_PADEST, Seite 322

.....  
Default is N.

default

## SAP\_OM\_PADEST

purpose

.....  
SAP\_OM\_PADEST defines the initial value for the automatic setting of the SAPSPOOL short name.



**Caution** - only if

This parameter is used only, if the automatic generation of SAPSPOOL short names is activated that is the GENERATE\_SAP\_OM\_PADEST parameter is set to "Y", see page 320.

type

.....  
This setting is optional.

section

.....  
The keyword is recorded in the [QUEUES\PARAMETERS] section.



example

.....  
Initial value for the automatic setting of the SAPSPOOL short name is A001:  
SAP\_OM\_PADEST = "A001"

format

.....  
The item has to have the following format:  
SAP\_OM\_PADEST = "*value*"

values

.....  
You may specify any string.  
You may use regular expressions in the name.



**Caution** - value overflow

.....  
If you use numbers, we recommend to set the initial value not too high as it may reach the value overflow very soon which might cause problems.

default

.....  
There is no default.  
.....

## 21.14 [SETTING] Section

.....  
The settings in the [SETTING] section are used for the export of the queue configurations into the known output management systems. description

.....  
This section contains the following parameters: in this section

Topic	Page
COMBINE_TRAYS_AND_MEDIA	324
FILTER	325
FIX_FILTER	326
FRANS_TIMEOUT	327
KNET_MAX_CONNECT_RETRY	328
PLOSSYS_COPY_TEMPLATES	329
PLOSSYS_ISCLI_TIMEOUT	330
PLOSSYS_RESTART	331
PLOSSYS_SORT_PARAMETER	332
SAP_AUTOSAVE_SAPGENERATED_SHORTNAME	333
SAP_EXPORT_WITHOUT_DEST	334
SAP_EXPORT_WITHOUT_LOMS	335
SAP_SINGLE_FILES	337
SHARE_ALL_QUEUES	338
USE_SEAL_INHOUSE_SWITCH	339
WINDOWS_TEMPLATE	340


.....

## COMBINE\_TRAYS\_AND\_MEDIA

.....  
 purpose COMBINE\_TRAYS\_AND\_MEDIA specifies whether the Tray, Medium and Paper Selection queue parameters in SEAL Master Driver are to be combined to one single parameter.  
 .....

.....  
 type This setting is optional.  
 .....

.....  
 section The keyword is recorded in the [SETTING] section.  
 .....

 example

The Tray, Medium and Paper Selection queue parameters are to be combined to one single parameter

```
COMBINE_TRAYS_AND_MEDIA = "Y"
```

.....

format The item has to have the following format:

```
COMBINE_TRAYS_AND_MEDIA = "value"
```

.....

values You may specify the following values:

Value	Description
N	The Tray, Medium and Paper Selection queue parameters are used as two separate parameters in SEAL Master Driver. You may select both parameters separately in the Windows printing dialog.
Y	The "Tray, Medium" and "Paper Selection" parameters are combined to one single parameter in SEAL Master Driver. You can only select a combination of the two parameters in the Windows printing dialog.

.....


default Default is N.  
 .....

## FILTER

.....  
FILTER defines, which queues are to be included in the export.

purpose

The FILTER parameter is interpreted at different times in the [MAPPING] and [SETTING] sections. The parameter in the [MAPPING] section is checked before the changing of the queue parameters by the parameter mapping, the parameter in the [SETTING] section is checked after the changing of the queue parameters by the parameter mapping.

 **Caution** -  
time of using


.....  
This setting is optional.

type

.....  
The keyword is recorded in the [SETTING] section.

section

.....  
easyPRIMA is supposed to export only queues, the name of which begins with HP, independent of case sensitivity:

 example

```
FILTER = "QueueName =~ /^HP/i"
```

.....  
The item has to have the following format:

format

```
FILTER = "QueueParameter =~ regular expression"
```

.....  
You may specify any queue parameters and any regular expressions.

values

The syntax of the regular expressions corresponds to the common Perl syntax.


You may combine several regular expressions with the logical operators AND and OR, and influence the order of interpretation with ().

Queue parameters and regular expressions are allowed to contain environment variables in the form of %Variable%.

.....  
There is no default.

default

## FIX\_FILTER

purpose	<p>.....</p> <p>FIX_FILTER defines, which queues in the target system are to be excluded from changes by the export. The queues are not allowed to be updated or deleted.</p> <p>.....</p>
type	<p>.....</p> <p>This setting is optional.</p> <p>.....</p>
section	<p>.....</p> <p>The keyword is recorded in the [SETTING] section.</p> <p>.....</p>
 example	<p>easyPRIMA is supposed to leave those queues in the target systems unchanged, which have no item in the share name of the queue, the queue name of which contains either <code>_vr_</code> or <code>Native</code>, and which have no item in the PLOSSYS netdome queue parameter CONFIG:</p> <pre>FIX_FILTER = "(queuename =~ /^\$/ or queuename =~ /_vr_/ or queuename =~ /Native/) and CONFIG =~ /^\$/"</pre> <p>.....</p>
format	<p>The item has to have the following format:</p> <pre>FIX_FILTER = "QueueParameter =~ regular expression"</pre> <p>.....</p>
values	<p>You may specify any queue parameters and any regular expressions.</p> <p>The syntax of the regular expressions corresponds to the common Perl syntax. You may combine several regular expressions with the logical operators AND and OR, and influence the order of interpretation with ( ).</p> <p>Queue parameters and regular expressions are allowed to contain environment variables in the form of <code>%Variable%</code>.</p> <p>.....</p>
default	<p>.....</p> <p>There is no default.</p> <p>.....</p>

## FRANS\_TIMEOUT

.....  
ODM\_TIMEOUT defines the time interval in seconds in which easyPRIMA attempts to connect to Frans Server. If this is expired, easyPRIMA aborts the export and adds an appropriate message in the edc.log log file.

purpose


.....  
This setting is optional.

type

.....  
The keyword is recorded in the [SETTING] section.

section

.....  
easyPRIMA is to abort the export, if a connection to Frans Server cannot be established within 10 seconds.

 example

ODM\_TIMEOUT = 10

.....  
The item has to have the following format:

format

ODM\_TIMEOUT = "VaLue"


.....  
You may enter any natural number.

values

.....  
Default is 3.

default

## KNET\_MAX\_CONNECT\_RETRY

purpose	<p>.....</p> <p>KNET_MAX_CONNECT_RETRY defines the maximum number of attempts that easyPRIMA is allowed to start to connect to kNet Server.</p> <p>.....</p>
type	<p>.....</p> <p>This setting is optional.</p> <p>.....</p>
section	<p>.....</p> <p>The keyword is recorded in the [SETTING] section.</p> <p>.....</p>
 example	<p>.....</p> <p>easyPRIMA is allowed to start up to 3 attempts to connect to kNet Server:</p> <p>KNET_MAX_CONNECT_RETRY = 3</p> <p>.....</p>
format	<p>.....</p> <p>The item has to have the following format:</p> <p>KNET_MAX_CONNECT_RETRY = "value"</p> <p>.....</p>
values	<p>.....</p> <p>You may enter any natural number.</p> <p>.....</p>
default	<p>.....</p> <p>Default is 1.</p> <p>.....</p>

## PLOSSYS\_COPY\_TEMPLATES

PLOSSYS\_COPY\_TEMPLATES defines, whether in case of a queue export into a PLOSSYS netdome system all necessary template files are to be copied from the template directory of easyPRIMA to the installation directory of the queues %PLSPLS%/plotter in PLOSSYS netdome.

purpose


This setting is optional.

type

The keyword is recorded in the [SETTING] section.

section

The template files are not supposed to be copied to the installation directory of the queues in PLOSSYS netdome:

 example

PLOSSYS\_COPY\_TEMPLATES = "N"

The item has to have the following format:

format

PLOSSYS\_COPY\_TEMPLATES = "*Value*"

You may specify the following values:


values

Value	Description
N	The template files will not be copied to the installation directory of the queues in PLOSSYS netdome.
Y	The template files will be copied to the installation directory of the queues in PLOSSYS netdome.

Default is Y.

default

## PLOSSYS\_ISCLI\_TIMEOUT


purpose	<p>.....</p> <p>PLOSSYS_ISCLI_TIMEOUT defines the time interval in seconds that easyPRIMA waits for a confirmation by Infoserver. If this is expired, easyPRIMA aborts its call and adds an appropriate message in the edc.log log file.</p> <p>.....</p>
type	<p>.....</p> <p>This setting is optional.</p> <p>.....</p>
section	<p>.....</p> <p>The keyword is recorded in the [SETTING] section.</p> <p>.....</p>
 example	<p>The query of Infoserver is to be aborted after 60 seconds, in which no response has been received:</p> <pre>PLOSSYS_ISCLI_TIMEOUT = 60</pre> <p>.....</p>
format	<p>The item has to have the following format:</p> <pre>PLOSSYS_ISCLI_TIMEOUT = "value"</pre> <p>.....</p>
values	<p>You may enter any natural number.</p> <p>.....</p>
default	<p>By default this keyword is deactivated.</p> <p>.....</p>

## PLOSSYS\_RESTART

.....  
PLOSSYS\_RESTART defines, whether PLOSSYS netdome is to be restarted after updating the queues. purpose

.....  
This setting is optional. type

.....  
The keyword is recorded in the [SETTING] section. section

.....  
PLOSSYS netdome is not to be restarted after updating:  
PLOSSYS\_RESTART = "N"  example

.....  
The item has to have the following format:  
PLOSSYS\_RESTART = "*Value*" format

.....  
You may specify the following values: values

Value	Description
N	PLOSSYS netdome will not be restarted after updating the queues. The <code>plossys.cfg</code> configuration file will be reread at runtime.
Y	PLOSSYS netdome will be restarted after updating the queues.

.....  
Default is Y. default

## PLOSSYS\_SORT\_PARAMETER

purpose

PLOSSYS\_SORT\_PARAMETER defines the order in which queues are exported to a PLOSSYS netdome system.



**Caution** - restart required

As by sorting the order of the queues in the system might be changed PLOSSYS netdome has to be restarted after the export. For this the PLOSSYS\_RESTART parameter has to be set to "Y", see page 331.

type

This setting is optional.

section

The keyword is recorded in the [SETTING] section.



example

The queues are to be sorted by queue name when exported to PLOSSYS netdome systems:

```
PLOSSYS_SORT_PARAMETER = "NAME:A:ALPHA"
```

format

The item has to have the following format:

```
PLOSSYS_SORT_PARAMETER = "ParameterName:Direction:Type"
```

values

You may specify the following values:


Value	Description
<i>Parameter Name</i> (mandatory)	Name of the queue parameter by which the list is to be sorted.
<i>Direction</i> (mandatory)	Sorting direction Values: A Ascending D Descending
<i>type</i> (mandatory)	Sort type Values: ALPHA Alphabetical NUM Numerical

default

Default is "POSITION:A:NUM".

## SAP\_AUTOSAVE\_SAPGENERATED\_SHORTNAME

In order to use this setting you need to have installed the following transport in your SAP system:

 **Caution** - requirement

F:\Plossys\Produkte\SAP\sapnw-Netweaver\sapnw\_base\Core Base\Patch\010-b-basis-cr-patch\_1.0.10.3D\010-b-basis-cr-patch\_1.0.10.3D.zip (X47K913066)

SAP\_AUTOSAVE\_SAPGENERATED\_SHORTNAME defines, if the SAPSPOOL short name suggested by an SAP system when a queue is created is applied to the easyPRIMA database automatically during the export preview.

purpose

This setting is optional.

type

The keyword is recorded in the [SETTING] section.

section

The suggested SAPSPOOL short name is to be applied to the easyPRIMA database automatically during the export preview:

 example

SAP\_AUTOSAVE\_SAPGENERATED\_SHORTNAME = "Y"

The item has to have the following format:

format

SAP\_AUTOSAVE\_SAPGENERATED\_SHORTNAME = "*value*"

You may specify the following values:

values

Value	Description
N	The SAPSPOOL short name is saved automatically.
Y	The SAPSPOOL short name is set automatically.

Default is N.

default

## SAP\_EXPORT\_WITHOUT\_DEST

### purpose

SAP\_EXPORT\_WITHOUT\_DEST defines, whether queues are to be exported to SAPSPool systems, even if neither in the queue data nor in the system data a target system is specified.

In this case the queue is registered globally in the SAP system when exported.

### type

This setting is optional.

### section

The keyword is recorded in the [SETTING] section.



### example

Queues without a specified logical OMS are allowed to be exported globally to SAP systems:

```
SAP_EXPORT_WITHOUT_DEST = "Y"
```

### format

The item has to have the following format:

```
SAP_EXPORT_WITHOUT_DEST = "vaLue"
```

### values

You may specify the following values:

Value	Description
N	Queues without a specified target system are excluded from the export.
Y	Queues without a specified target system are exported.

### default

Default is N.

## SAP\_EXPORT\_WITHOUT\_LOMS

.....  
SAP\_EXPORT\_WITHOUT\_LOMS defines, whether queues are to be exported to SAPSPool systems, even if neither in the queue data nor in the system data a logical output management system is specified.

purpose


.....  
This setting is optional.

type

.....  
The keyword is recorded in the [SETTING] section.

section

.....  
Queues without a specified logical OMS are not to be exported to the appropriate SAPSPool system:

 example

SAP\_EXPORT\_WITHOUT\_LOMS = "N"

.....  
The item has to have the following format:

format


SAP\_EXPORT\_WITHOUT\_LOMS = "*value*"

..... *To be continued*

## SAP\_EXPORT\_WITHOUT\_LOMS, Continuation

values

You may specify the following values:

Value	Description
N	<p>Queues are exported to SAPSPool systems only, if</p> <ul style="list-style-type: none"> <li>• a logical OMS is specified only in the queue data, and the item in the system data is empty,</li> <li>• a logical OMS is specified only in the system data, and the item in the queue data is empty,</li> <li>• the logical OMS specified in the queue data is also listed in the system data.</li> </ul> <p>If there are different items in the queue data and system data, the queue is ignored when exporting.</p>
Y	<p>Queues are exported to SAPSPool systems, even if neither in the queue data nor in the system data a logical output management system is specified.</p> <p>If there are different items in the queue data and system data, the queue is ignored when exporting.</p> <p> <b>Caution</b> - effects on the deleting action</p> <p>If in the system data no logical output management system is specified, queues that are existing in the system but are unknown in easyPRIMA will be ignored in the regular export in order that they may not be deleted accidentally. In this case you can delete the queues from the systems only by marking them for deletion in easyPRIMA and then exporting them explicitly.</p>

default

Default is Y.

## SAP\_SINGLE\_FILES

.....  
SAP\_SINGLE\_FILES defines, whether for each queue, which is changed in an SAP system, a separate SAPCLI queue list file is created, or whether all queues will be combined in one big list for the separate actions, create, update or delete.

purpose


.....  
This setting is optional.

type

.....  
The keyword is recorded in the [SETTING] section.

section

.....  
For each queue a separate SAPCLI queue list file is to be created:

 example

SAP\_SINGLE\_FILES = "Y"

.....  
The item has to have the following format:

format

SAP\_SINGLE\_FILES = "*Value*"

.....  
You may specify the following values:

values

Value	Description
N	The queues will be combined in one big file for the separate actions create, update or delete.
Y	For each queue a separate SAPCLI queue list file is created.

.....  
Default is N.


default

## SHARE\_ALL\_QUEUES

purpose .....  
SHARE\_ALL\_QUEUES defines, whether all Windows queues are shared as network printers or only those which have specified a share name.

type .....  
This setting is optional.

section .....  
The keyword is recorded in the [SETTING] section.

 example .....  
Only Windows queues that have specified a share name are to be shared as network printers:

SHARE\_ALL\_QUEUES = "N"

format .....  
The item has to have the following format:

SHARE\_ALL\_QUEUES = "*value*"


values .....  
You may specify the following values:

Value	Description
N	Only Windows queues that have specified a share name are shared as network printers.
Y	All Windows queues are shared as network printers. If no share name is specified, the queue name is used as share name.


default .....  
Default is Y.

## USE\_SEAL\_INHOUSE\_SWITCH

.....  
The USE\_SEAL\_INHOUSE\_SWITCH parameter is needed for internal test at SEAL Systems only. Changes have no influence on the installation of the customer.  
.....

 **Caution** - for SEAL Systems-internal tests only

## WINDOWS\_TEMPLATE


purpose	<p>.....</p> <p>WINDOWS_TEMPLATE defines which Windows driver template is to be used when a new output device is added.</p> <p>.....</p>
type	<p>.....</p> <p>This setting is optional.</p> <p>.....</p>
section	<p>.....</p> <p>The keyword is recorded in the [SETTING] section.</p> <p>.....</p>
 example	<p>.....</p> <p>When adding an output device the "SEAL Systems PS Generic" template is to be used:</p> <p>SHARE_ALL_QUEUES = "SEAL Systems PS Generic"</p> <p>.....</p>
format	<p>.....</p> <p>The item has to have the following format:</p> <p>WINDOWS_TEMPLATE = "<i>value</i>"</p> <p>.....</p>
values	<p>.....</p> <p>You may specify the name of any Windows printer template existing in easyPRIMA.</p> <p>.....</p>
default	<p>.....</p> <p>Default is "EDC Template".</p> <p>.....</p>

## 21.15 [SYSTEMS] Section

---

The settings in the [SYSTEMS] section are necessary only, if the batch scripts of easyPRIMA are used without the database. In this case the connection data for the different systems have to be specified manually, with the system type being entered as the keyword.

---

 **Caution** - without database only

This is how you specify the connection data in general:


general syntax

*SYSTEM = "UserName/Password@ServerName:PortNumber"*

Depending on the system you need only parts of the general syntax.

Every keyword may be used repeatedly. You do not have to add numbers or the like to differentiate.

---

 **hint** - usable repeatedly

This section contains the following parameters:

in this section

Topic	Page
PLOSSYS	342
SAP	343
WINDOWS	344

---

## PLOSSYS

purpose PLOSSYS defines the connection data to a PLOSSYS netdome or PLOSSYS Output Engine system.

type This setting is optional.

section The keyword is recorded in the [SYSTEMS] section.

### example

The connection data of two PLOSSYS netdome systems are to be specified. The first one is on the server PLS\_TST25\_ROETT and is reachable under the port number 1234, the second is on the server PLS\_TST36\_ROETT and is reachable under port number 5678:

```
PLOSSYS = PLS_TST25_ROETT:1234
PLOSSYS = PLS_TST36_ROETT:5678
```


format The item has to have the following format:

```
PLOSSYS = "ServerName:PortNumber"
```

### hint - usable repeatedly

The keyword may be used repeatedly. You do not have to add numbers or the like to differentiate.

values You may specify the following values:

Value	Description
<i>server name</i> (mandatory)	Server name, under which the system is contacted
<i>Port Number</i> (mandatory)	kNet port number under which the system is contacted.  Further information: You will find an overview of the port numbers used by SEAL Systems products in [PORTNUMBERS_TEC].


default There is no default.

## SAP

.....  
SAP defines the connection data to an SAP system that contains DDD as well as SAPSPool systems. purpose

.....  
This setting is optional. type


.....  
The keyword is recorded in the [SYSTEMS] section. section

.....  
The connection to the SAP system X47 is to be established by using the system name:  example

SAPSPool = "X47"

.....  
The item has to have the following format: format

SAPSPool = "UserName/Password@SystemName:Client"

.....  
The keyword may be used repeatedly. You do not have to add numbers or the like to differentiate.  hint - usable repeatedly

.....  
You may specify the following values: values

Value	Description
<i>System Name</i> (mandatory)	Name of the SAP system
<i>User Name</i> (optional)	Name of the user to be logged on to the SAP system
<i>client</i> (optional)	Client of the SAP system
<i>Password</i> (optional)	Password belonging to the user name

.....  
There is no default. default

## WINDOWS

purpose .....  
WINDOWS defines the connection data to a Windows system.  
.....

type .....  
This setting is optional.  
.....

section .....  
The keyword is recorded in the [SYSTEMS] section.  
.....



example

The connection to the Windows system WIN37 is to be established by using the system name:

```
WINDOWS = WIN37
```

format .....  
The item has to have the following format:

```
WINDOWS = "UserName/Password@Server"
```



hint - usable  
repeatedly

The keyword may be used repeatedly. You do not have to add numbers or the like to differentiate.  
.....

values .....  
You may specify the following values:

Value	Description
<i>Server</i> (mandatory)	Server name, under which the system is to be contacted
<i>User Name</i> (optional)	Name of the user with the authorization to administrate queues under Windows and with writing access to a WMI server of a remote Windows client.
<i>Password</i> (optional)	Password belonging to the user name

default .....  
There is no default.  
.....

## 22 Scripts - Reference

.....  
 The following chapters describe the different scripts, which you may use for certain operations.

description

.....  
 This chapter deals with the following topics:

in this chapter

Topic	Page
edcimportdepartment.pl - Import Departments	346
edcextractdepartment.pl - Extract Departments	352
edcimporttemplatescsv.pl	356
edcextract.pl - Export to a CSV File	361
edcimport.pl - Importing Queue Data	378

.....

## 22.1 edcimportdepartment.pl - Import Departments

---

in this chapter

This chapter deals with the following topics:

Topic	Page
Description	347
Parameters	348
Input File	349
Result File	351


---

## Description

.....  
Using the edcimportdepartment.pl script you may create, rename or delete departments in the easyPRIMA database by means of a file. purpose

.....  
The script is located in the following directory: directory  
/server/edc/

.....  
This is how you call the script: Call  
edcimportdepartment.pl *parameters*  
→ *Parameters, Seite 348*

.....  
The departments recorded in the departments.txt file are to be imported to easyPRIMA. The importing process is to be logged in the edcimportdepartment.log file. Thus errors, warnings and important information are to be logged and the results are to be recorded in the results.txt file:  example

```
edcimportdepartment.pl -i D:\edc\data\customer\departments.txt  
-d INFO -l edcimportdepartment.log -o results.txt
```

.....

## Parameters

### Parameters

You can specify the following parameters:

Parameters	Description
-i <i>file</i> (mandatory)	Name of the input file. You may specify the file including a path. → <i>Input File</i> , Seite 349
-d (optional)	Defines, which information is to be written into the log file. This parameter is necessary only, if you specify a log file. Values: DEBUG      In the log file, errors, warnings and detailed information about the program flow are recorded. INFO        In the log file, errors, warnings and information about the program flow are recorded.
-db <i>DB_access</i> (optional)	specifies the access to the database. This is made up as follows: <i>user/password@DB_HOST:DB_PORT</i> Example: plsadmin/plsadmin@PCXY:7123 Keywords: <i>user</i> User name for accessing the database <i>password</i> Password for accessing the database <i>DB_HOST</i> Name of the server, on which the database is running. <i>DB_PORT</i> Port number of the server, on which the database is running.
-h (optional)	Displaying the online help
-l <i>file</i> (optional)	Name of the log file. You may specify the file including a path.
-o <i>file</i> (optional)	Name of the result file. You may specify the file including a path. → <i>Result File</i> , Seite 351

## Input File

.....  
 There are no special limitations concerning the naming of the file. naming

.....  
 The file is stored in the directory that you specify as a path with the name in the program call, for example D: \edc\data\customer\*FileName* directory

If you do not specify a path, the file will be stored in the directory, in which the program has been started.


.....  
 You need to write the departments into the file in INI format: file format

```
[department_name]  

name=department_name  

action=update
```

.....  
 The following keywords are written into the file: keywords

Keyword	Description
name	Name of the department
action	defines, whether a department is to be created, renamed or deleted.   Hint - program behavior:  The program behavior does not only depend on the value specified here, but also on the two department names specified in the file. The exact program behavior is described subsequent to this table.  Values: deleted    The department has been deleted. update    The department will be created or renamed.

..... *To be continued*

## Input File, Continuation

program behav-  
ior

.....  
The department that is specified as section name, is

- searched for in the database and
- compared to the value specified with the keyword name.

Depending on the results and on the value specified with the keyword name the following program behavior is triggered:

Value	Description
delete	If the department is found in the database, it will be deleted from the database. The deletion is done in the selection list and as assigned value of queue, systems and contacts.
update	<ul style="list-style-type: none"> <li>• If the department is not found in the database, and the section name and the value of the keyword name are identical, the department is created in the database and in the selection list.</li> <li>• If the department is not found in the database, and the section name and the value of the keyword name are different, the department will not be added to the database.</li> <li>• If the department is found in the database, and the section name and the value of the keyword name are identical, the database items remain unchanged.</li> <li>• If the department is found in the database, and the section name and the value of the name keyword are different, the department in the database will be renamed to the department specified by the name keyword. The renaming is done in the selection list and as assigned value of queue, systems and contacts.</li> </ul>

.....

## Result File

.....  
There are no special limitations concerning the naming of the file. naming

.....  
The file is stored in the directory that you specify as a path with the name in the program call, for example D:\edc\data\customer\*FileName* directory

If you do not specify a path, the file will be stored in the directory, in which the program has been started.

.....  
You need to write the departments into the file in INI format: file format

```
[department_name]  
name=department_name  
state=updated
```

.....  
The following keywords are written into the file: keywords

Keyword	Description
name	Name of the department
state	shows, which operation has been made with the department specified in the section name.  Values: created    The department has been created. deleted    The department has been deleted. unchanged The department has not been changed. updated    The department has been renamed.

## 22.2 edcextractdepartment.pl - Extract Departments

---

in this chapter

This chapter deals with the following topics:

Topic	Page
Description	391
Parameters	392
Input File	394


---

## Description

.....  
Using the edcextractdepartment.pl script you may extract the departments recorded in the easyPRIMA database into a file. purpose

.....  
The script is located in the following directory: directory  
/server/edc/

.....  
This is how you call the script: Call  
edcextractdepartment.pl *parameters*  
→ *Parameters, Seite 392*

.....  
All departments recorded in the database are to be written into the departments.txt file. The importing process is to be logged in the edcextractdepartment.log file. In doing so errors, warnings and important information are to be logged:  example  
edcextractdepartment.pl -o departments.txt -d INFO  
-l edcextractdepartment.log  
.....

## Parameters

### Parameters

You can specify the following parameters:

Parameters	Description
-o <i>file</i> (mandatory)	Name of the output file. You may specify the file including a path. → <i>Input File</i> , Seite 394
-d (optional)	Defines, which information is to be written into the log file. This parameter is necessary only, if you specify a log file. Values: DEBUG In the log file, errors, warnings and detailed information about the program flow are recorded. INFO In the log file, errors, warnings and information about the program flow are recorded.
-db <i>DB_access</i> (optional)	specifies the access to the database. This is made up as follows: <i>user/password@DB_HOST:DB_PORT</i> Example: plsadmin/plsadmin@PCXY:7123 Keywords: <i>user</i> User name for accessing the database <i>password</i> Password for accessing the database <i>DB_HOST</i> Name of the server, on which the database is running. <i>DB_PORT</i> Port number of the server, on which the database is running.
-h (optional)	Displaying the online help
-l <i>file</i> (optional)	Name of the log file. You may specify the file including a path.

## Output File

.....  
There are no special limitations concerning the naming of the file.

naming

.....  
The file is stored in the directory that you specify as a path with the name in the program call, for example D:\edc\data\customer\*FileName*

directory

If you do not specify a path, the file will be stored in the directory, in which the program has been started.

.....  
The data are written into the file in the INI format:

file format

```
[department_name]  
name=department_name  
state=used
```

.....  
The following keywords are written into the file:

keywords

Keyword	Description
name	Name of the department
state	specifies, whether a department is recorded in the selection list of the departments.  Departments, which have been added to easyPRIMA for example by importing queues, are recorded as values in the appropriate queues, but may not be selected in other queues, as long as they are not added to the selection list.  Values: used    The departments is recorded in the selection list. unused    The department is not recorded in the selection list.

## 22.3 edcimporttemplatescsv.pl

---

in this chapter

This chapter deals with the following topics:

Topic	Page
Description	357
Parameters	358
Input File	359


---

## Description

.....  
With the `edcimporttemplatescsv.pl` script you may import model information into the easyPRIMA database. purpose

.....  
The script is located in the following directory: directory  
`/server/edc/`

.....  
This is how you call the script: Call  
`edcimporttemplatescsv.pl parameters`  
→ *Parameters*, Seite 358

.....  
All queue templates listed in the CSV file are to be imported into the database.  example  
The importing process is to be logged in the `edcimporttemplatescsv.log` file. In doing so errors, warnings and important information are to be logged:  
`edcimporttemplatescsv.pl -i .\conf\templates.csv -d INFO`  
`-l edcimporttemplatescsv.log`  
.....

## Parameters

### Parameters

You can specify the following parameters:

Parameters	Description
-i <i>file</i> (mandatory)	Name of the input file. You may specify the file including a path. → <i>Input File</i> , Seite 359
-d (optional)	Defines, which information is to be written into the log file. This parameter is necessary only, if you specify a log file. Values: DEBUG      In the log file, errors, warnings and detailed information about the program flow are recorded. INFO        In the log file, errors, warnings and information about the program flow are recorded.
-db <i>DB_access</i> (optional)	specifies the access to the database. This is made up as follows: <i>user/password@DB_HOST:DB_PORT</i> Example: plsadmin/plsadmin@PCXY:7123 Keywords: <i>user</i> User name for accessing the database <i>password</i> Password for accessing the database <i>DB_HOST</i> Name of the server, on which the database is running. <i>DB_PORT</i> Port number of the server, on which the database is running.
-h (optional)	Displaying the online help
-l <i>file</i> (optional)	Name of the log file. You may specify the file including a path.

## Input File

.....  
There are no special limitations concerning the naming of the file. naming

.....  
The file is stored in the directory that you specify as a path with the name in the program call, for example D:\edc\data\customer\*FileName* directory

If you do not specify a path, the file will be searched for in the following directory:

`\server\edc\conf\templates.csv`

.....  
You need to write the departments into the file in CSV format: file format  
Brand;Model;Plossys template;PCL5;PCLXL;Postscript;PDF;TIFF/G4; Color  
TIFF;HPGL/2;Color;Max. paper size;Max. input trays;Max. output  
trays;Duplex;Stapling;Punching;Folding;MIB-Info;Comment;Data  
sheet;Plossys test state;SAP

.....  
The following keywords are written into the file in the specified order: keywords, part 1

Keyword	Description
Brand	Brand name
Model	Model name
PLOSSYS tem-- plate	Name of the PLOSSYS netdome template
PCL5	Values: N The file format is not supported. Y The file format is supported.
PCLXL	Values: N The file format is not supported. Y The file format is supported.
PostScript	Values: N The file format is not supported. Y The file format is supported.
PDF	Values: N The file format is not supported. Y The file format is supported.
TIFF/G4	Values: N The file format is not supported. Y The file format is supported.
Color TIFF	Values: N The file format is not supported. Y The file format is supported.

..... *To be continued*

## Input File, Continuation

keywords, part 2

Continuation:

Keyword	Description
HPGL/2	Values: N The file format is not supported. Y The file format is supported.
Color	Values: N The device has no color printing available. Y The device comes with color printing.
Max. paper size	Maximum paper size
Max. input trays	Maximum number of input trays
Max. output trays	Maximum number of output trays
Duplex	Values: N The device has no duplex printing available. Y The device comes with duplex printing.
Stapling	Values: N The device has no stapling available. Y The device comes with stapling.
Punching	Values: N The device has no punching available. Y The device comes with punching.
Folding	Values: N A folder is not available. Y A folder is connected to the output device.
MIB-Info	Management Information Base  The description files allow management programs to display the hierarchic structure of the data of an SNMP agent and to request for values of it.
Comment	Additional information about the device
Data sheet	Path and name of the data sheet of the device
Plossys test state	SEAL Systems-internal parameter
SAP	SEAL Systems-internal parameter

## 22.4 edcextract.pl - Export to a CSV File

---

This chapter deals with the following topics:

in this chapter

Topic	Page
Description	362
Parameters	363
Output File	365
Configuration File edcextract.cfg	366

---

## Description

purpose


.....  
Using the `edcextract.pl` script you may extract queue data from easyPRIMA to a CSV file.  
.....

directory

.....  
The script is located in the following directory:  
`/server/edc/`  
.....

Call

.....  
This is how you call the script:  
`edcextract.pl parameters`  
→ *Parameters, Seite 363*  
.....

 example

.....  
The queues recorded in the queue group HP-Queues are to be extracted to the `queues.csv` file in the `D:\edc\data\customer` directory:  
`edcextract.pl -o D:\edc\data\customer\queues.csv`  
`-f QUEUEGROUP=HP-Queues`  
.....

## Parameters

You can specify the following parameters:

parameters, part  
1

Parameters	Description
-o <i>file</i> (mandatory)	Name of the output file. You may specify the file including a path. → <i>Output File</i> , Seite 365
-c <i>file</i> (optional)	Name of the configuration file. You may specify the file including a path. → <i>Configuration File edcextract.cfg</i> , Seite 366
-d (optional)	Defines, which information is to be written into the log file. This parameter is necessary only, if you specify a log file.  Values: DEBUG      In the log file, errors, warnings and detailed information about the program flow are recorded. INFO        In the log file, errors, warnings and information about the program flow are recorded.
-db <i>DB_access</i> (optional)	specifies the access to the database. This is made up as follows:  <i>user/password@DB_HOST:DB_PORT</i>  Example: plsadmin/plsadmin@PCXY:7123  Keywords: <i>user</i> User name for accessing the database <i>password</i> Password for accessing the database <i>DB_HOST</i> Name of the server, on which the database is running. <i>DB_PORT</i> Port number of the server, on which the database is running.

..... *To be continued*

## Parameters, Continuation

parameters, part  
2

Continuation:

Parameters	Description
-f <i>group</i> (optional)	<p>filters the specified group out of the database, so that only this is extracted to the csv file. You may specify a queue group, system group, system or queue. As the case may be you have to precede the group name with the appropriate keyword.</p> <p>You have to specify the value as keyword and value pair.</p> <p>Values:</p> <p>QUEUE=<i>queue_name</i> Queue to be filtered for</p> <p>QUEUEGROUP=<i>queue_group_name</i> Queue group to be filtered for</p> <p>SYSTEM=<i>system_name</i> System to be filtered for</p> <p>SYSTEMGROUP=<i>system_group_name</i> System group to be filtered for</p>
-h (optional)	Displaying the online help
-l <i>file</i> (optional)	Name of the log file. You may specify the file including a path.

## Output File

There are no special limitations concerning the naming of the file.

naming

The file is stored in the directory that you specify as a path with the name in the program call, for example `D:\edc\data\customer\FileName`

directory

If you do not specify a path, the file will be stored in the directory, in which the program has been started.


The data are written into the file in the CSV format:

file format

```
keyword1;keyword2;keyword3;...;keywordn  
value1;value2;value3;...;valuen  
value1;value2;value3;...;valuen  
value1;value2;value3;...;valuen  
value1;value2;value3;...;valuen
```

Whether the file includes a headline with the keywords depends on the setting in the configuration file, see *Configuration File edcextract.cfg*, Seite 366

Extract from a CSV file created with a standard configuration file:

 example

```
QueueName;Brand;Model;Template;Connection;OutputMethod;Co-lor;Du-  
plex;Tray Count;Type Drawer 1;Size Drawer 1;Medium Drawer 1;Type Drawer  
2;Size Drawer 2;Medium Drawer 2;Type Drawer 3;Size Drawer 3;Medium  
Drawer 3;Type Drawer 4;Size Drawer 4;Medium Dra-  
wer 4;Type Drawer 5;Size  
Drawer 5;Medium Drawer 5;Department;Location;Comment  
P000092;HP;Generic LaserJet series;hp.laserjet.hppcl_vr_p-  
cl;;NO-NE;;;1;SHEET;PAPER_A4;PA;;;;;;;Haus 92;Zimmer 92  
P000093;HP;Generic LaserJet series;hp.laserjet.hppcl_vr_p-  
cl;;NO-NE;;;1;SHEET;PAPER_A4;PA;;;;;;;Haus 93;Zimmer 93
```

Which queue data are written into the CSV file depends on the setting in the configuration file, see *Configuration File edcextract.cfg*, Seite 366.

queue param-  
eters

## 22.4.1 Configuration File edcextract.cfg

description .....  
The following chapter lists the configuration parameters of edcextract.cfg and their description.

directory .....  
The configuration file is stored in the following directory:  
/server/edc/conf

in this chapter .....  
This chapter deals with the following topics:

Topic	Page
AbortOnError	398
[CSV] Section	368
[CSV\PARAMETERS\QUEUES] Section	372
Section [GENERAL]	375

## Sections and Keywords at a Glance

.....  
The following table gives an overview of the sections and the keywords included in each case, each in alphabetic order. You will find the descriptions of the keywords on the pages specified in each case subsequent to this table.

Overview

<b>Sections and Keywords</b>	<b>Page</b>
[CSV]	368
COLUMN_NAMES	369
QUOTE_VALUES	370
SEPARATOR	371
[CSV\PARAMETERS\QUEUES]	372
[GENERAL]	375
DB	376
RESOLVE_PATTERN	377

.....

### 22.4.1.1 [CSV] Section

---

in this section

This section contains the following parameters:

Topic	Page
COLUMN_NAMES	369
QUOTE_VALUES	370
SEPARATOR	371


---

## COLUMN\_NAMES

.....  
COLUMN\_NAMES defines, whether the CSV file contains a headline with column headings. purpose

.....  
This setting is optional. Type

.....  
The keyword is recorded in the [CSV] section. section

.....  
The CSV file contains no headline with column headings:  example  
COLUMN\_NAMES = "N"

.....  
The item has to have the following format: format  
COLUMN\_NAMES = "vaLue"

.....  
You may specify the following values: values

Value	Description
N	The CSV file contains no headline with column headings.
Y	The CSV file contains a headline with column headings.


.....  
Default is Y. default  
.....

## QUOTE\_VALUES

purpose QUOTE\_VALUES defines, whether the separate values in the CSV file are quoted.

Type This setting is optional.

section The keyword is recorded in the [CSV] section.

 example The values in the CSV file are quoted:

QUOTE\_VALUES = "Y"

format The item has to have the following format:

QUOTE\_VALUES = "*value*"

values You may specify the following values:

Value	Description
N	The values in the CSV file are not quoted.
Y	The values in the CSV file are quoted.

default Default is N.

## SEPARATOR

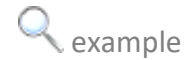
.....  
SEPARATOR defines, by which character the values in the CSV file are separated. purpose

.....  
This setting is optional. Type

.....  
The keyword is recorded in the [CSV] section. section

.....  
The values in the CSV file are separated by a semicolon:

SEPARATOR = ";"



.....  
The item has to have the following format:

SEPARATOR = "*value*"

format

.....  
You may specify any character as a value. values

.....  
Default is ";".


default

### 22.4.1.2 [CSV\PARAMETERS\QUEUES] Section

description

The [CSV\PARAMETERS\QUEUES] section contains the assignments of the column headings in the CSV file to the appropriate easyPRIMA parameters.

If there are no column headings existing, you have to use the column numbers instead.

 example

The in the CSV file contained columns with the name, the brand and the model type of the device and the information about the three paper trays are assigned to the appropriate easyPRIMA parameters:

```
[CSV\PARAMETERS\QUEUES]
queuename = "Queuename"
devicebrand = "Brand"
devicemodel = "Model"
devicetraytype1 = "Type Drawer 1"
queuetrayformat1 = "Size Drawer 1"
queuetraymedium1 = "Medium Drawer 1"
devicetraytype2 = "Type Drawer 2"
queuetrayformat2 = "Size Drawer 2"
queuetraymedium2 = "Medium Drawer 2"
devicetraytype3 = "Type Drawer 3"
queuetrayformat3 = "Size Drawer 3"
queuetraymedium3 = "Medium Drawer 3"
```

format

The item has to have the following format:

```
parameter = "column_heading"
```

values

You may specify any parameter known by easyPRIMA or any freely definable values, as long as these only contain alphanumeric characters or underlines.

The known easyPRIMA parameters will be mapped to the specific parameters of the output management system, when the queue configurations are exported. Additionally defined own parameters will be transferred to the output management system as they are.

..... *To be continued*

## [CSV\PARAMETERS\QUEUES] Section, Continuation

The following parameters are specified as default:

default

```
[CSV\PARAMETERS\QUEUES]
queuename = "Queuename"
devicebrand = "Brand"
devicemodel = "Model"
devicetemplate = "Template"
queueoutputdestination = "Connection"
queueoutputmethod = "Outputmethod"
devicecolor = "Color"
deviceduplex = "Duplex"
devicetraycount = "Tray Count"
devicetraytype1 = "Type Drawer 1"
queuetrayformat1 = "Size Drawer 1"
queuetraymedium1 = "Medium Drawer 1"
devicetraytype2 = "Type Drawer 2"
queuetrayformat2 = "Size Drawer 2"
queuetraymedium2 = "Medium Drawer 2"
devicetraytype3 = "Type Drawer 3"
queuetrayformat3 = "Size Drawer 3"
queuetraymedium3 = "Medium Drawer 3"
devicetraytype4 = "Type Drawer 4"
queuetrayformat4 = "Size Drawer 4"
queuetraymedium4 = "Medium Drawer 4"
devicetraytype5 = "Type Drawer 5"
queuetrayformat5 = "Size Drawer 5"
queuetraymedium5 = "Medium Drawer 5"
queuedepartment = "Department"
queuelocation = "Location"
queuecomment = "Comment"
```

The following values are known by easyPRIMA:

easyPRIMA pa-  
rameters, part 1

Parameters
devicebrand
devicecolor
deviceduplex
devicefinishing
deviceformatlanguage
devicemarginbottom
devicemarginleft
devicemarginright
devicemargintop
devicemaxpage
devicetraycount
devicemodel
deviceoutputbincount

*To be continued*

**[CSV\PARAMETERS\QUEUES] Section, Continuation**easyPRIMA pa-  
rameters, part 2

The following values are known by easyPRIMA:

<b>Parameters</b>
deviceresolution
devicetemplate
<b>devicetraytypen</b>
queuecomment
queuedepartment
queuedriver
queuefallbackfold
queuefallbackformat
queuefallbackmaterial
queuefallbackoutbin
queuefallbackpunch
queuefallbacksort
queuefallbackstaple
queuegroupsallowed
queuegroupsdenied
queuelocation
queuename
queueoutputdestination
queueoutputmethod
queueoutputmode
queueoutputqueue
queusharename
queueservers
queuetemplate
queuetrayformat <i>n</i>
queuetraymedium <i>n</i>
queueupdateflag

**22.4.1.3 Section [GENERAL]**

.....

This section contains the following parameters:

in this section

<b>Topic</b>	<b>Page</b>
DB	376
RESOLVE_PATTERN	377

.....

## DB

purpose DB specifies the access to the database.

Type This setting is mandatory.

section The keyword is recorded in the [GENERAL] section.

### example

The script is supposed to connect to the database on the server PCXY with the user name `plsadmin` and the identical password via port number 7123 to extract the queue data:

```
DB=plsadmin/plsadmin@PCXY:7123
```

format The item has to have the following format:

```
DB=user_name/password@server_name:port_number
```

values You have to specify the following values:

Value	Description
<i>User Name</i> (mandatory)	User name for accessing the database
<i>Password</i> (mandatory)	Password belonging to the user name
<i>server name</i> (mandatory)	Name of the server, on which the database is running.
<i>Port Number</i> (mandatory)	Port number, under which the database is to be contacted.

default There is no default.

## RESOLVE\_PATTERN

RESOLVE\_PATTERN defines whether variables specified in the values of queue parameters are to be resolved into their values, when extracting the queue data to a CSV file.

purpose


This setting is optional.

Type

The keyword is recorded in the [GENERAL] section.

section

Variables in values of queue parameters are not to be resolved:

 example

```
RESOLVE_PATTERN = "N"
```

The item has to have the following format:

format

```
RESOLVE_PATTERN = "value"
```

You may specify the following values:

values

Value	Description
N	Variables in values of queue parameters are not resolved. The variables are extracted to the CSV file.
Y	Variables in values of queue parameters are resolved. The values of the variables are extracted to the CSV file.

Default is Y.

default

## 22.5 edcimport.pl - Importing Queue Data

---

in this chapter

This chapter deals with the following topics:

Topic	Page
Description	379
Parameters	380

---

## Description

.....  
With the `edcimport.pl` script you may import queue configurations, output parameters and translation files into the easyPRIMA database from different external sources.

purpose

.....  
The script is located in the following directory:

directory

`/server/edc/`

.....  
This is how you call the script:

Call

`edcimport.pl parameters`

→ *Parameters*, Seite 380

## Parameters

parameters, part  
1

You can specify the following parameters:

Parameters	Description
-c <i>file</i> (optional)	Name of an alternative configuration file. You may specify the file including a path.
-cm (optional)	switches to the cache mode for data enquiries. In the cache mode new data are created only, if the configuration in the source system is newer than the data in the cache. If you do not specify this parameter, the data are always read from the cache. Values: Entry without value: New data are created only, if the configuration in source system is newer than the data in the cache. READ Data are read from the cache. The source system is not checked for changes. WRITE Data are created anew. The source system is not checked for changes.
-cm READ (optional)	→ -cm, Seite 380
-cm WRITE (optional)	→ -cm, Seite 380
-d (optional)	defines, which information is to be written into the log file. This parameter is necessary only, if you specify a log file. Values: DEBUG In the log file, errors, warnings and detailed information about the program flow are recorded. INFO In the log file, errors, warnings and information about the program flow are recorded. Default: INFO

..... To be continued

## Parameters, Continuation

Continuation:

parameters, part  
2

Parameters	Description
-db <i>DB_access</i> (optional)	<p>specifies the access data to the database into which the queue data are to be imported. The access data are made up as follows:</p> <p><i>user/password@DB_HOST:DB_PORT</i></p> <p>Example: plsadmin/plsadmin@PCXY:7123</p> <p>Values:</p> <p><i>user</i>            User name for accessing the database</p> <p><i>password</i>       Password for accessing the database</p> <p><i>DB_HOST</i>        Name of the server, on which the database is running.</p> <p><i>DB_PORT</i>        Port number of the server, on which the database is running.</p>
-dbid <i>Object ID</i> (optional)	Database ID of the object from which queues are to be imported into easyPRIMA.
-dboc <i>Object class</i> (optional)	<p>Object class in the database of easyPRIMA.</p> <p>If you specify an object class, queues from the object of the specified class are imported into easyPRIMA.</p> <p>If you do not specify this parameter, queues from all systems registered in easyPRIMA are imported.</p> <p>Values:</p> <p>SYSTEM           Queue data are imported into the database from a system</p> <p>SYSTEMGROUP     Queue data are imported into the Database from a system group</p>
-dbon <i>Object name</i> (optional)	Name of the object from which queues are to be imported into easyPRIMA.
-e <i>file_extension</i> (optional)	<p>File extension of the files that are to be read.</p> <p>→ <i>-i file</i>, Seite 382</p>

..... To be continued

## Parameters, Continuation

parameters, part  
3

Continuation:

Parameters	Description
<i>-f File format</i> (optional)	File format of the input or output file  Values: CVS            CVS format INI            INI format PLS            PLS format  Default: INI
<i>-g User group</i> (optional)	User group of the output management system  If you specify a user group, only queue data of this user group are output.
<i>-h</i> (optional)	Displaying the online help
<i>-i file</i> (optional)	Name of the input file that contains the original queue configuration.  If you specify a directory, any files in that with the specified file extension are read and concatenated.
<i>-l file</i> (optional)	Name of the log file. You may specify the file including a path.
<i>-m</i> (optional)	Queue data are imported according to the customer-specific mapping rules specified in the edc.cfg configuration file.  If the option <i>-m</i> is not specified, the queue data are imported without consideration of potentially existing mapping rules.
<i>-n</i> (optional)	Native queue parameters that are unknown in easyPRIMA are imported, too.
<i>-o file</i> (optional)	Name of the output file into which STDOUT and STDERR are redirected.
<i>-p parameter_type</i> (optional)	Outputs any known parameters of devices, queues and output jobs.  If you do not specify a parameter type, any known parameters are output independent of the type.  Values: DEVICE        Device data JOB            Output parameters QUEUE         Queue parameters

..... To be continued

## Parameters, Continuation

Continuation:

parameters, part  
4

Parameters	Description
-q [ <i>Queue name</i> ] (optional)	<p>Outputs the configuration of the specified queue.</p> <p>If you do not specify a queue name, the queue configurations of any system configured in easyPRIMA are output.</p> <p>You need to specify the file into which the output is to be written with the following parameter:  <i>-o file</i></p>
-st <i>System type</i> (optional)	<p>Type of the output management system that is to be enquired.</p> <p>If you do not specify this parameter, all systems configured in easyPRIMA are enquired.</p> <p>Values:            DVS            PLOSSYS            SAP            SAPSPOOL            WINDOWS</p>
-sl <i>File</i> (optional)	<p>Outputs a list of all output management systems that are registered in the used configuration file.</p> <p>Systems that are registered in the easyPRIMA database are not included.</p>
-t <i>Language</i> (optional)	<p>Outputs the language file for the specified language.</p> <p>As language abbreviation you use the country code, e. g. de for German, en for English, fr for French, etc.</p> <p>You need to specify the file into which the output is to be written with the following parameter:  <i>-o file</i></p>

## 23 Windows Printing

description

.....  
The following chapters describe the programs easyPRIMA uses to install and update printers under Windows.  
.....

in this chapter

This chapter deals with the following topics:

Topic	Page
readprinter.exe - Read Printer Data from Windows Systems	385
updateprinter.exe - Writing Printer Data into Windows Systems	390
Configuration File sealprinter.cfg	397

.....

## 23.1 readprinter.exe - Read Printer Data from Windows Systems

---

This chapter deals with the following topics:

in this chapter

Topic	Page
Description	386
Parameters	387
Output File	389

---

## Description

purpose

.....  
With the program `readprinter.exe` you can determine the information of the Windows printers and ports. The desired information is retrieved from the Windows systems and written into an output file. The output file is processed by `easyPRIMA`.

→ *Output File*, Seite 389

.....

directory

The script is located in the following directory:

`\tools\bin_winnt5`

.....


Call

This is how you call the script:

`readprinter.exe parameters`

→ *Parameters*, Seite 387

.....

 example

The program is supposed to retrieve the printer data from the Windows server `WinServ2` and write them into the file `printerinfo.txt`:

`readprinter.exe -o printerinfo.txt -s WinServ_2`

.....

## Parameters

You can specify the following parameters:

parameters, part  
1

Parameters	Description
-o <i>file</i> (mandatory)	Name of the output file. You may specify the file including a path. → <i>Output File</i> , Seite 389
-s <i>server</i> (mandatory)	Name of the Windows server, the printer information of which is to be retrieved.
-c <i>file</i> (optional)	Name of the configuration file. You may specify the file including a path. → <i>Configuration File sealprinter.cfg</i> , Seite 397
-d <i>value</i> (optional)	Defines, which information is to be written into the log file. This parameter is necessary only, if you specify a log file.  Values: NONE        No logging ERROR       In the log file, errors are recorded. WARNING     In the log file, errors and warnings are recorded. RUN         In the log file, errors, warnings and start and stop messages are recorded. INFO        In the log file, errors, warnings and information about the program flow are recorded. DEBUG       In the log file, errors, warnings and detailed information about the program flow are recorded. TRACE       In the log file, errors, warnings, detailed information about the program flow and information about run through code are recorded.
-h (optional)	Displaying the online help
-l <i>file</i> (optional)	Name of the log file. You may specify the file including a path.
-p <i>printer</i> (optional)	Name of the Windows printer, the information of which is to be retrieved.

..... *To be continued*

## Parameters, Continuation

---

parameters, part  
2

Continuation:

Parameters	Description
<i>-u user</i> (optional)	Windows user name under which the printer information is to be retrieved.
<i>-w info</i> (optional)	Amount of printer information, which is to be retrieved.  Values: PRINTER_1      Name and comment PRINTER_2      All printer information PRINTER_3      All printer information in DEVMODE PRINTER_PORT   All printer and port information

---

## Output File

.....  
There are no special limitations concerning the naming of the file. naming

.....  
The file is stored in the directory that you specify as a path with the name in the program call, for example D:\edc\data\customer\*FileName* directory

If you do not specify a path, the file will be stored in the directory, in which the program has been started.

.....  
The data are written into the file in the INI format: file format

```
[HP designjet 130nr]
Type=PRINTER
PortName=hpdesignjet130nr(C7791D)
DataType=RAW
Processor=WinPrint
ServerName=
ShareName=
DriverName=HP designjet 130nr
Comment=
DevMode=HP designjet 130nr.cfg

[Port_hpdesignjet130nr(C7791D)]
Type=PORT
PortName=hpdesignjet130nr(C7791D)
MonitorName=
```

.....  
Any available data of printers and ports may be specified as keywords. keywords

## 23.2 updateprinter.exe - Writing Printer Data into Windows Systems

---

in this chapter

This chapter deals with the following topics:

Topic	Page
Description	391
Parameters	392
Input File	394
Result File	395

---

## Description

.....  
With the program `updateprinter.exe` you can update, create or delete printers in Windows systems. The data to be updated are taken from an input file created by easyPRIMA and written into the appropriate Windows system. The results are summarized in a result file.

purpose

→ *Input File*, Seite 394

→ *Result File*, Seite 395

.....  
The script is located in the following directory:

directory

`\tools\bin_winnt5`


.....  
This is how you call the program:

Call

`updateprinter.exe parameters`

→ *Parameters*, Seite 392

.....  
According to the data contained in the `updatedata.txt` file the printers and ports on the Windows server `WinServ2` are to be updated. The results of this update are to be written into the `results.txt` file.

 example

`updateprinter.exe -i updatedata.txt -s WinServ2 -r results.txt`

## Parameters

parameters, part  
1

You can specify the following parameters:

Parameters	Description
-i <i>file</i> (mandatory)	Name of the input file. You may specify the file including a path. → <i>Input File</i> , Seite 394
-r <i>file</i> (mandatory)	Name of the result file. You may specify the file including a path. → <i>Result File</i> , Seite 395
-s <i>server</i> (mandatory)	Name of the Windows server, the printers of which are to be updated.
-c <i>file</i> (optional)	Name of the configuration file. You may specify the file including a path. → <i>Configuration File sealprinter.cfg</i> , Seite 397
-d <i>value</i> (optional)	Defines, which information is to be written into the log file. This parameter is necessary only, if you specify a log file.  Values: NONE        No logging ERROR       In the log file, errors are recorded. WARNING     In the log file, errors and warnings are recorded. RUN         In the log file, errors, warnings and start and stop messages are recorded. INFO        In the log file, errors, warnings and information about the program flow are recorded. DEBUG       In the log file, errors, warnings and detailed information about the program flow are recorded. TRACE       In the log file, errors, warnings, detailed information about the program flow and information about run through code are recorded.
-h (optional)	Displaying the online help
-l <i>file</i> (optional)	Name of the log file. You may specify the file including a path.

..... *To be continued*

## Parameters, Continuation

Continuation:

parameters, part  
2

Parameters	Description
-p (optional)	Preview function  If you specify this parameter, it is only checked, which of the desired changes are necessary in the Windows system and which can be processed. However, the printer data are not updated.
-u <i>user</i> (optional)	Windows user name under which the printer information is to be updated.

## Input File

naming There are no special limitations concerning the naming of the file.

directory The file is stored in the directory that you specify as a path with the name in the program call, for example D:\edc\data\customer\FileName  
If you do not specify a path, the file will be stored in the directory, in which the program has been started.

file format The data are written into the file in the INI format:

```
[PrinterName]
Type=PRINTER
action=update
```

keywords The following keywords are written into the file:

Keyword	Description
Type (mandatory)	Type of the object that is to be updated. Values: PORT A port is to be updated. PRINTER A printer is to be updated.
action (mandatory)	Defines, whether a printer is to be created, renamed or deleted. Values: delete The printer is deleted. update The printer is created or renamed.
PrintAfter-Spoiled (optional)	defines in which order a printer is to print jobs Values: Y Print jobs as they arrive at the printer N Print jobs regardless of the order of arrival Default: Y

## Result File

.....  
There are no special limitations concerning the naming of the file. naming

.....  
The file is stored in the directory that you specify as a path with the name in the program call, for example `D:\edc\data\customer\FileName` directory

If you do not specify a path, the file will be stored in the directory, in which the program has been started.

.....  
The data are written into the file in the INI format: file format

```
[PrinterName]
Type=PRINTER
Result=MODIFIED
```

..... *To be continued*

**Result File**, Continuation

keywords

The following keywords are written into the file:

<b>Keyword</b>	<b>Description</b>
Type (mandatory)	Type of the object that is to be updated.  Values: PORT        A port is to be updated. PRINTER    A printer is to be updated.
Result (mandatory)	Result of the update  Values: CREATE_FAILED    The printer could not be activated. CREATED            The printer has been created. DATA_MISSING     The information for creating the printer or port is incomplete.  DELETE_BUSY      The printer is still holding jobs. DELETE_FAILED    The printer could not be activated. DELETED            The printer has been deleted. DEVMODE_FAILED   DEVMODE could not be activated. DRIVER_MISSING    The printer driver is not existing. MODIFY_BUSY      The printer is still holding jobs. MODIFY_FAILED    The printer could not be activated. MODIFIED          The printer has been updated. PORT_MISSING     The port is not existing. PORT_USED         The port is still in use and cannot be deleted. PRINTER_MISSING   The printer is not existing. PUBLISH_FAILED   The printer could not be published. RIGHTS_MISSING    The necessary privileges are missing. UNTOUCHED        An update has not been necessary.
Message (optional)	Error message  If an error occurs while updating the data, a potentially existing error message is recorded here.

## 23.3 Configuration File sealprinter.cfg

.....  
The following chapter lists the configuration parameters of sealprinter.cfg and their description. description

.....  
The configuration file is stored in the following directory: directory  
\\server\edc\conf\windows

.....  
This chapter deals with the following topics: in this chapter

Topic	Page
AbortOnError	398
DeleteJobs	399
DeleteTCPMonDelayInMS	400
DeleteTCPMonRetries	401
Domain	402
Password	403
SetDevMode	404
User	405

## AbortOnError

purpose


.....  
AbortOnError defines, whether the processing is to be canceled, if an error occurs.  
.....

Type

This setting is optional.  
.....

section

The keyword is recorded in the [GENERAL] section.  
.....

 example

The processing is to be canceled:

AbortOnError=TRUE  
.....

format

The item has to have the following format:

keyword = *value*  
.....

values

You may specify the following values:

Value	Description
FALSE	The processing is not to be canceled.
TRUE	The processing is to be canceled.

default

.....  
The default is FALSE.  
.....

## DeleteJobs

.....  
DeleteJobs defines, whether jobs that are still held in the queue, are to be deleted, when the queue itself is to be deleted. purpose

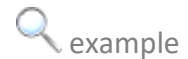
A queue can only be deleted, when it does not hold jobs any more.

.....  
This setting is optional. Type

.....  
The keyword is recorded in the [GENERAL] section. section

Jobs that are still held in the queue, are to be deleted:

DeleteJobs = TRUE



.....  
The item has to have the following format: format


DeleteJobs = "Value"

.....  
You may specify the following values: values

Value	Description
FALSE	The jobs are not to be deleted.
TRUE	The jobs are to be deleted.

.....  
The default is FALSE. default

## DeleteTCPMonDelayInMS


purpose	<p>.....</p> <p>DeleteTCPMonDelayInMS specifies the time in milliseconds the program has to wait for the next attempt to delete a port after one attempt has failed.</p> <p>.....</p>
Type	<p>.....</p> <p>This setting is optional.</p> <p>.....</p>
section	<p>.....</p> <p>The keyword is recorded in the [GENERAL] section.</p> <p>.....</p>
 example	<p>.....</p> <p>After a failed attempt to delete a port, the next attempt is to be made after a waiting time of 2500:</p> <p>DeleteTCPMonDelayInMS = 2500</p> <p>.....</p>
format	<p>.....</p> <p>The item has to have the following format:</p> <p>DeleteTCPMonDelayInMS = <i>Value</i></p> <p>.....</p>
values	<p>.....</p> <p>You may enter any natural number.</p> <p>You have to specify the value in milliseconds.</p> <p>.....</p>
default	<p>.....</p> <p>Default is 1000.</p> <p>.....</p>

## DeleteTCPMonRetries

.....  
DeleteTCPMonRetries specifies the maximum number of attempts that has to be made to delete a port. purpose

.....  
This setting is optional. Type

.....  
The keyword is recorded in the [GENERAL] section. section


.....  
A maximum of 3 attempts is to be made to delete a port:  example  
DeleteTCPMonRetries = 3

.....  
The item has to have the following format: format  
DeleteTCPMonRetries = *Value*

.....  
You may enter any natural number. values

.....  
Default is 10. default  
.....

## Domain

	.....
purpose	Domain contains the name of the domain, to which the used user name belongs. .....
Type	This setting is optional. .....
section	The keyword is recorded in the [GENERAL] section. .....
 example	This is what an entry with an encrypted value looks like: Domain = MTAwsuwrIw7ws+e6sfKIs4E+BA== .....
format	The item has to have the following format: Domain = <i>Value</i> .....
values	You may specify any string. The domain name will be encrypted by means of the program sealencrypt.exe. .....
default	There is no default. .....

## Password

.....  
PASSWORD contains the password belonging to the used user.

purpose


.....  
This setting is optional.

Type

.....  
The keyword is recorded in the [GENERAL] section.

section

.....  
This is what an entry with an encrypted value looks like:

 example

Password = MTAwoG9QI49i1J4M/JK+mriwQw==

.....  
The item has to have the following format:

format

PASSWORD = *Value*

.....  
You may specify any string.

values

The password will be encrypted by means of the program sealencrypt.exe.

.....  
There is no default.

default

## SetDevMode

purpose .....  
SetDevMode defines, whether the DEVMODE information is to be set.  
.....

Type .....  
This setting is optional.  
.....

section .....  
The keyword is recorded in the [GENERAL] section.  
.....

 example .....  
The DEVMODE information is always to be set:

SetDevMode = ALWAYS  
.....

format .....  
The item has to have the following format:

SetDevMode = *Value*  
.....

values .....  
You may specify the following values:

Value	Description
ALWAYS	The DEVMODE information is always set.
CREATE	The DEVMODE information is set only, if a printer is created or the printer driver is going to be changed.
NEVER	The DEVMODE information is ignored.


default .....  
The default is CREATE.  
.....

## User

.....  
USER contains the user name. purpose

.....  
This setting is optional. Type

.....  
The keyword is recorded in the [GENERAL] section. section

.....  
This is what an entry with an encrypted value looks like:  example

User = MTAwhQTPYWFy/3FFJ0kWy84ZKA==

.....  
The item has to have the following format: format

User = *Value*

.....  
You may specify any string. values

The user name will be encrypted by means of the program sealencrypt.exe.

.....  
There is no default. default

.....

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---

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---

## Terminology

The following section explains the most important terms that are used in this documentation. Terms identified by → refer to other terms in this section.

Cross-product terms:

DDB	Printer driver database of SEAL Systems
easyPRIMA	SEALCC plug-in from SEAL Systems for managing systems and queues across systems and components
SEAL Add Printer Wizard	Product from SEAL Systems, which allows the user to create his personal printer list out of the list of available printers
SEAL Control Center	Central, web-based user interface in plug-in technology for administrating SEAL Systems components
SEAL Operator	Web-based client framework for various SEAL Systems products (→PLOSSYS netdome, →PLOSSYS Output Engine, PLOSSYS@archive, DPF, Web Portal etc.)
SEAL Setup	Wizard for installing and updating SEAL Systems products
SEAL Service	Windows service from SEAL Systems for starting commands and command chains (for example, CAD applications or databases) at a specific time or event (for example, when booting the server) and in the background without interactive user logon.
System Status	Product from SEAL Systems for starting, stopping and displaying the status of SEAL Systems components
Web Portal	Browser-based application from SEAL Systems for the digital distribution and secure sending of any number of documents and documents of any size; based on →SEAL Operator, successor of PLOSSYS Webportal

Terms for documentations concerning PLOSSYS netdome:

Output device	Device on which the document is output
Output driver	Program for controlling an →output device
Printer configuration file	Configuration file for →multi-drawers as addition to the configuration in the PLOSSYS netdome configuration file <code>plossys.cfg</code>
Console	User interface of PLOSSYS netdome in order to administrate jobs and output devices; →PLOSSYS OCON
Multi-drawer	Output device with several media tray or rolls; the device is configured by a section in the →system configuration file and by a →printer configuration file.
PLOSSYS netdome	Alternative product name for →PLOSSYS netdome; used in connection with PLOSSYS Output Engine and in overarching documentation.
PLOSSYS Output Engine	New version of the output management system from SEAL Systems based on the microservice architecture and specifically designed for cloud operation
PLOSSYS Administrator	Graphical administration interface to →PLOSSYS Output Engine

---

PLOSSYS Infoclient	Application (Tray-Icon) on the workstation to display status messages of output jobs
PLOSSYS netdome	Output management system from SEAL Systems
PLOSSYS netdome Settings	configuration interface for PLOSSYS netdome
PLOSSYS OCON	Graphical user interface of PLOSSYS netdome
Pool device	Pseudo output device which combines several →individual printers to a pool and distributes incoming jobs to its individual printers
System configuration file	PLOSSYS netdome configuration file <code>plossys.cfg</code> in the directory <code>server/plotserv</code>

---

---

## Abbreviations

---

AD	Active Directory
ADDS	Active Directory Domain Services
API	Application Programming Interface
APW	Add Printer Wizard
ASCII	American Standard Code for Information Interchange
CAD	Computer Aided Design
DIN	German Institute of Standardization
DPF®	Digital Process Factory from SEAL Systems
FRANS	File Transfer Software by SEAL Systems
FTP	File Transfer Protocol
GB	Gigabyte
GUI	Graphical User Interface
IP	Internet Protocol
IPP	Internet Printing Protocol
ISO	International Standards Organization
JRE	Java Runtime Environment
KB	Kilobyte
kNet	Communications software by SEAL Systems on the base of TCP/IP
LDAP	Lightweight Directory Access Protocol
LPR line printer Remote	
NWC	PLOSSYS Webclient
OMS	Output Management System
PDF	Adobe Portable Document Format
PDF/A	Adobe Portable Document Format (PDF/A standard)
PLOSSYS®	Product family from SEAL Systems
P4	PLOSSYS netdome
P5	PLOSSYS Output Engine
PNE	PLOSSYS netdome Settings)
REST	Representational State Transfer
RFC	Remote Function Call
SEALCC	SEAL Control Center
SNC	Secure Network Communications (SAP)
TCP	Transmission Control Protocol
URI	Uniform Resource Identifier
XML	Extensible Markup Language



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