

FACTSHEET

Web Portal

Distribute documents comfortably and securely via Internet or intranet



What is the SEAL Systems Web Portal?

The SEAL Systems Web Portal is a **browser-based application for digital distribution** and secure sending of any number and any size of documents – across company boundaries. You retain **complete control** over your files and get an overview of which documents you have sent, whether the recipient has already read them and which documents you in turn have received.



What can the SEAL Systems Web Portal do?

With the Web Portal, you can **compile documents** for any number of recipients and deliver these files to them. Recipients can **search** for specific files, **sort** them, and **download** them individually or as a whole. Received documents can also be easily reused in other SEAL Systems applications. Thus, they can be assigned to other applications via drag & drop and thus, for example, **printed, converted** or **signed**.



Who needs the SEAL Systems Web Portal?

All companies that want to **digitally distribute any number of documents of any size to recipients** – even across company boundaries. The Web Portal ensures that the information arrives **precisely** and **securely** where it is needed. This ensures smooth business operations with employees, partners, suppliers and customers.

The benefits at a glance

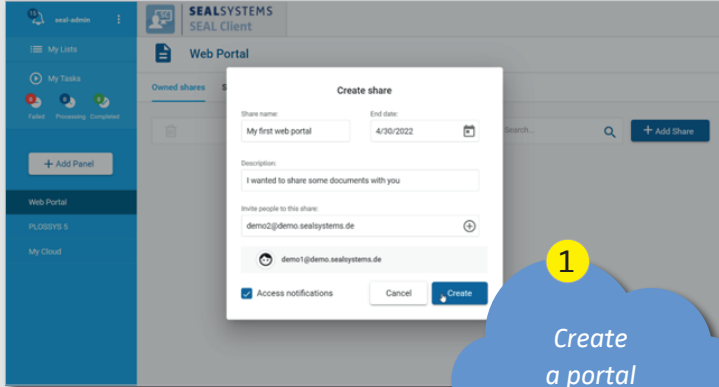
- + **Mobile-compatible:** The Web Portal can be used on all end devices and can thus also be used flexibly on smartphones and tablets.
- + **Seamless integration:** Thanks to single sign-on with OAuth2/OIDC, the web portal can be conveniently integrated into your IT landscape for all users (connection to Azure AD, AD). In addition, the web portal can be integrated into SEAL Systems' core processes – such as our output processes with PLOSSYS® 4 and 5 or our distribution processes with the Digital Process Factory® (DPF).
- + **Individually:** Logos, fonts and colors can be set to match your corporate design – even the wording can be customized according to your wishes.
- + **Multilingual:** English and German are provided by default, other languages can be integrated on your request.
- + **Unlimited:** Any number of documents of any size can be shared quickly and reliably with an unlimited number of recipients.
- + **Secure:** Since the security of your data is our top priority, it is securely encrypted during transport and on the platform itself.
- + **Controlled:** Your recipient receives a message as soon as documents are available for him. Conversely, you will be notified when the recipient has opened the portal and picked up the provided documents.
- + **Fail-safe:** Cluster operation and microservice architecture ensure the solution's high availability.
- + **Automatable:** The Web Portal has a full-featured REST API and also provides a script integration (CLI) tool.

Web Portal

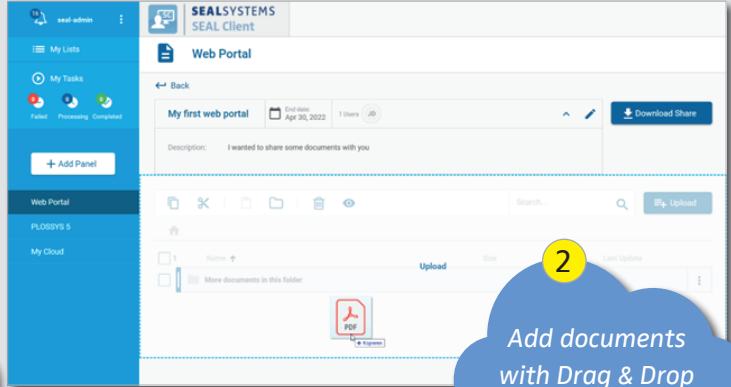
This is how the Web Portal works from the sender's and receiver's point of view:

Sender view 

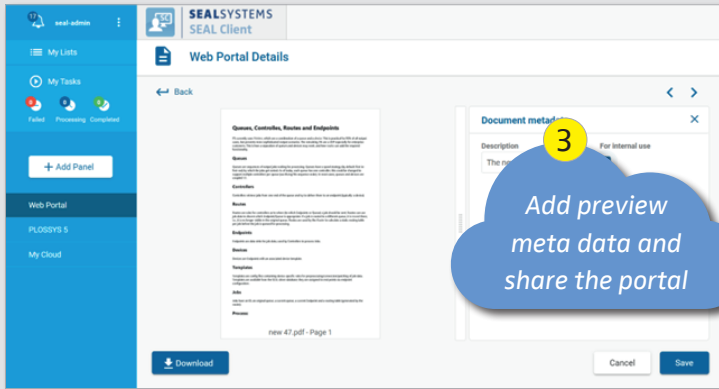
Recipient view 



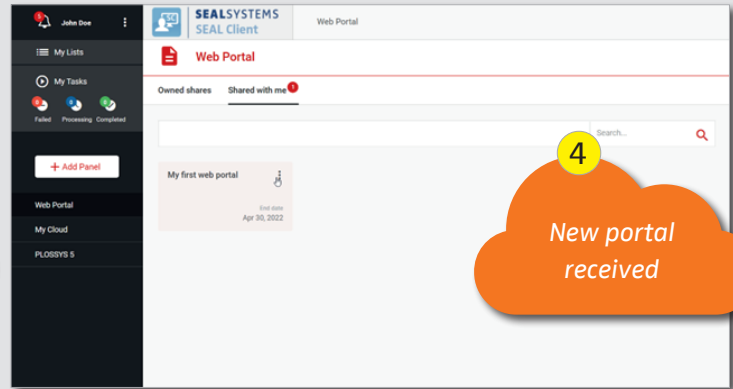
1
Create a portal



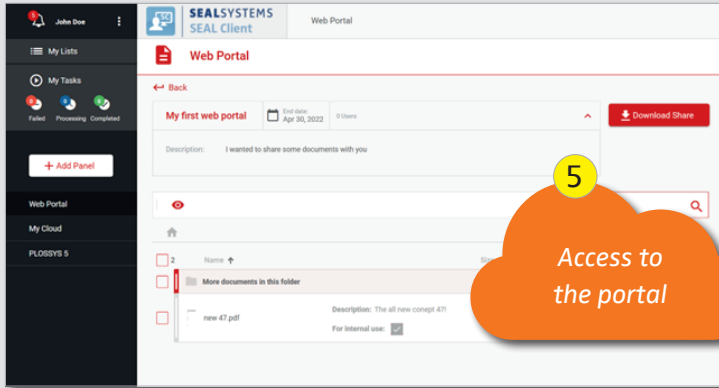
2
Add documents with Drag & Drop



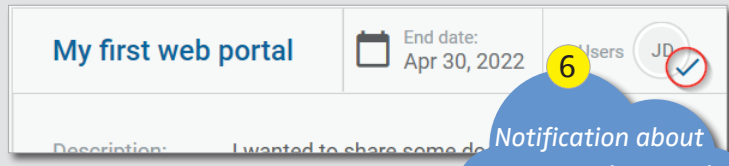
3
Add preview meta data and share the portal



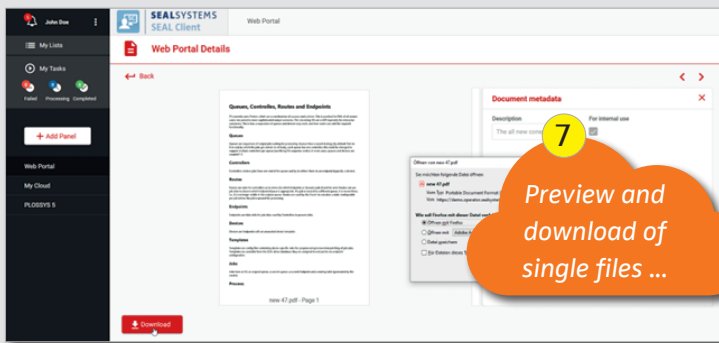
4
New portal received



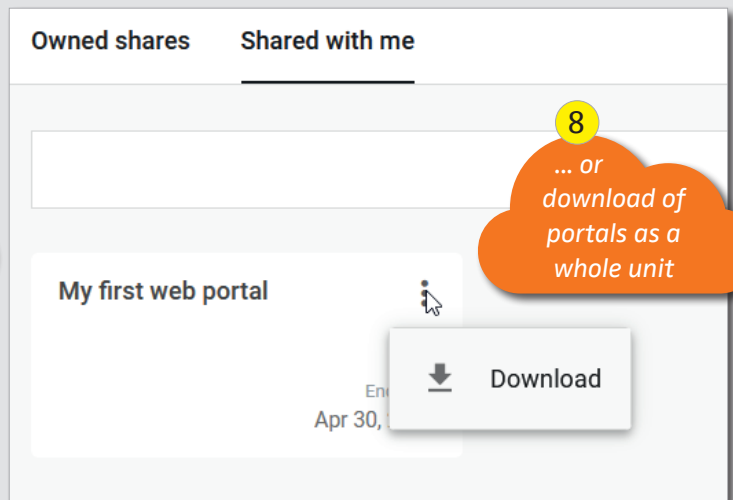
5
Access to the portal



6
Notification about access to the portal by the recipient

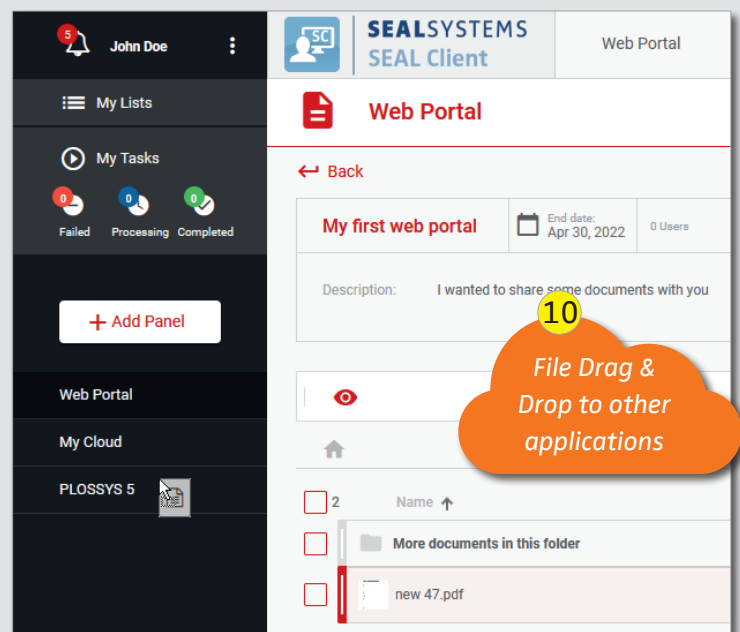
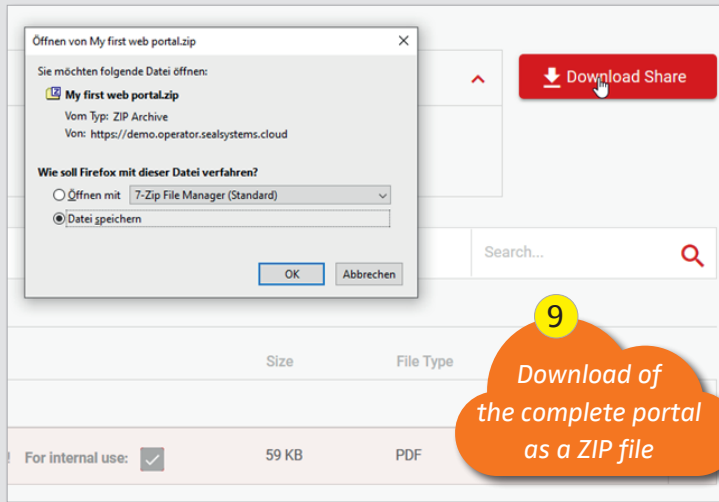


7
Preview and download of single files ...



8
... or download of portals as a whole unit

Web Portal



How the Web Portal works, step-by-step

1. Select your files (drag and drop or upload) and make them available to one or more recipients. Recipients are immediately informed that documents are ready for them.
2. In addition to the interactive use of the web portal, it is also possible to link it with our PLOSSYS 4, PLOSSYS 5 or DPF systems and thus trigger the automatic distribution of your documents to your customers, suppliers and partners from these solutions. The Web Portal can also be integrated directly into other applications in your company via a Rest-API.
3. For the documents, in addition to individual meta information, you can also specify a date by which the download must have taken place. This allows you to show the relevance and urgency of the files and gives recipients a better overview of the documents provided. The expiration date can be extended at any time and applies across the board to all documents stored in the portal.
4. The recipient can search for specific files, sort them and download them individually or as a whole.
5. A preview is available for all common file formats. This allows recipients to directly view the content of the documents and decide whether a download is really necessary.
6. Switch back and forth between received and sent documents with just one click.
7. Further processing: If you use other modules of SEAL Systems, you can easily drag and drop the provided files into other applications of SEAL Systems and use them there. For example for printing, converting or signing and releasing the documents.

Optimal interaction with other solutions

The Web Portal belongs to our so-called platform services, which can be used for SEAL Systems applications across solutions. It is based on our SEAL Operator, which serves with a proven API and our command line tool (OP-CLI) as technical basis and provides a seamless integration into your IT landscape.

The following modules are available for the operator framework, which can be combined with the web portal:

- PLOSSYS Print Client: For printing your documents – Secure & PickUp Printing/Pull Printing is also possible.
- Convert Client: Conversion processes for all documents (e.g. for merging several documents into one document or for creating a uniform document format from different formats).
- Digital Signature: This eliminates the need for manual or outsourced approval processes.
- More applications are being added all the time.

Your benefit

By combining the web portal with other modules from SEAL Systems you streamline your processes and do several steps around your documents in one single application.

Technology

Microservice Architecture with REST API
NodeJS and MongoDB
Single Sign On (OAuth2/OIDC)
Responsive Web UI for desktop and mobile devices

Scope of delivery

Operator Framework
Web Portal App
Command line client
Optionally: Identity Provider (KeyCloak)
Optionally: Log data base (Elastic)

Installation

On Servers (Windows/MSI, Linux/RPM) or in a Container (Docker Image)

Languages

English and German are supported by default, other languages can be integrated on request.

Licensing

Per user

Support

SEAL Systems support and maintenance agreement

System requirements

Server:
Windows Server 2016/2019, Linux SuSE 15.3+, RHEL7/8
2 Cores, 8 GB RAM, 500 GB Storage (minimal)
4 Cores, 16 GB RAM, 1.000+ GB Storage (typical)
Cluster: 3 Server or Cluster manager (Kubernetes, Openshift)

Product code

PR WPO

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