Traktionssysteme Austria

Intelligent SAP® PLM Optimization

Traction System Austria (TSA) utilizes SAP PLM and thereby also uses the documentation management system SAP DVS. Together with the SAP specialists at SEAL Systems innumerable innovative processes and functions at TSA were created for everything regarding the integration of documents from SAP DVS into the corporate processes.

The following illustration gives an overview of the implemented solutions in this project and shows some possibilities for companies who want to incorporate SAP DVS documents into their processes.

Customized Approval Workflow

At TSA documents are approved through a workflow, which far exceed the functions of the SAP status network. Information about the approval of a document is therefore not found in an SAP status protocol but in a customized workflow table. A SEAL Systems solution ensures that this information is determined and stamped on all documents every time documents are created.

Flexibly determined stamp information

The release data is determined regardless of the version, because in the subsequent versions of every document the ''first release date'' (the version 0 of a document) should always be evident.

These functions are available for graphics (TIFF), bill of materials (PDF), and change notifications (MS Word, realized here as a property update, because the field positions in word documents are variable).

Therefore during the release of new document versions it can happen that logistic transactions (e.g. open orders) are still in progress, and the older format of the document is used. SEAL Systems implements a function which detects these transactions and subsequently sends an automatic email to the respective consultant. There is information in the emails about the open transactions as well as the corresponding new document (including the appropriate change notifications).

Purchasing: Structured Delivery of Documentation

Documents can be directly sent by email for orders and inquiries. A zip file is thereby created, which contains a directory per order position with all documents corresponding to this position.
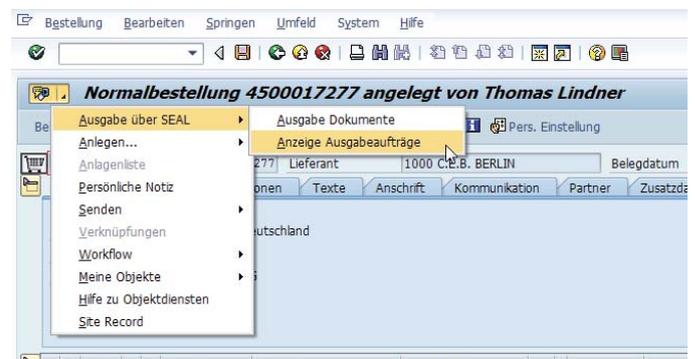
Moreover a table of contents is automatically created in which the order position is listed with the material data and the corresponding documentation. The table of contents is created in German and English.

This enables the definite assignment of documents to an order position and an effective completeness control.

Purchasing: Direct decent into the output jobs and the review of the documents

Agents in purchasing should be able to easily determine which documents have already been sent to a supplier for an order. You can jump directly to the relevant output jobs through object services in the SAP order transactions (me2xn) with a SEAL Systems function:

The function determines all output jobs, which have previously been generated by this order and simultaneously checks if new versions of the documents are available, which have not been previously issued. If yes, then this information is displayed in a pop-up (see the next page). Subsequently, the list of relevant output jobs will be shown in.
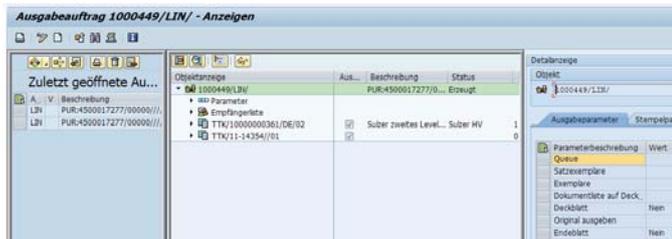

Example of a document list of an order

Pop up with a warning about a new version

SEAL Systems Document Distribution Director (DDD). The newest order is opened. The SEAL Systems DDD is a solution for the compilation of print and distribution orders from SAP DVS, SAP PLM and SAP Folders Management. Documents and formula files can be searched for and bundled from different environments and contexts. DDD can be integrated into many SAP transactions and processes. The issue takes places as a print or electronic distribution. All issues are provided with additional information and recipient data and can be managed at a later time, edited and re-issued.

The purchasers can therefore easily check (without searching directly from the order) which documents have been delivered to the suppliers. Moreover he receives a tip when new documents exist which still
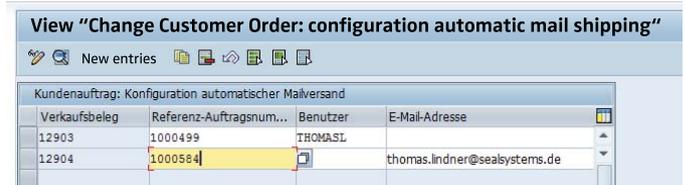

SEAL Systems DDD GUI

have yet to be delivered.

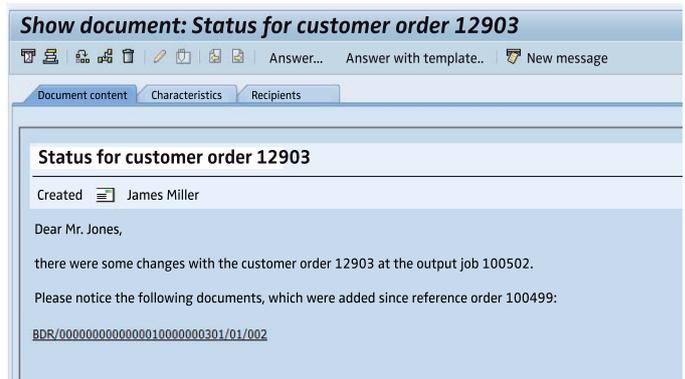The function is especially interesting for long term orders where they incur changes over time.

Project management: Delta determination of documents in a batch

The project manager for a customer order would like to automatically determine the document list for his project. It should be especially transparent which documents have changed in relation to the base line. The documents themselves should not be issued. The project manager has to interactively generate an output job for his baseline one

time for his sales order. He then enters it in an application table:

A resolution for all the entered customer orders is implemented with a batch report and the delta reference orders are determined. The user receives the result by email as a SAP office email or a regular email.

Notice of Amendment by SAP Office email

Manufacturing Order: Extended printing control

Thanks to a SEAL Systems solution various printing profiles can be used for the printing of manufacturing orders.

A printing profile encompasses the following configurable functions:

- Generating of additional printed copies (at level of single formulas, e.g. 3 batch cards, but only one staging list)
- Labeling of the additional copies (copy n of m)
- Issue of certain copies (e.g. the originals) on colored paper
- Control of finishing options (e.g. stapling, hole punches)