The Conversion Cockpit in Action at Thyssen Krupp Polysius
Conversion jobs, processes and servers at a glance - directly in SAP®

The Mission

At Thyssen Krupp Polysius, many documents from suppliers, customers, public authorities and own factories have to be processed every day. These documents are heterogeneous in structure, content and file formats. For this reason, all of them are being converted into neutral file formats. SAP DMS offers predefined interfaces and methods for this purpose.

The diversity and number of documents can cause errors in their automatic processing. For this reason, the conversion process has to be very stable. In case of an incident, the causes of error should be easy to identify and to repair.

Therefore Thyssen Krupp Polysius opted for conversion solutions from SEAL Systems.

The Solution

The conversion processes are running stable and efficient. However, if an error should occur, the Conversion Cockpit facilitates and accelerates the error diagnostics significantly.

Reasons for conversion errors can be:
- Corrupt input data
- Interruptions in RFC connections
- Disabled converters
- Very high load on the conversion server
- Servers disconnected from the network or crashed processes
- Disabled or missing input data

The Conversion Cockpit offers a complete SAP-View on all aspects of the SAP DMS conversion procedures:
- SAP-internal job status
- Status of servers and jobs outside of SAP
- Successive analysis of specific jobs
- Detailed filtering options for optimum information at a glance
- Methods to repeat incomplete or defective jobs

Conversion Cockpit can be customized according to the requirements of every customer. It is a highly serviceable tool for power users, SAP administrators and helpdesk staff.

What is...

SEAL Systems Conversion Cockpit (CoCo)

CoCo from SEAL Systems is a central, SAP-internal user interface for administration of conversion definitions, jobs and servers.

The tool can be used for multiple SAP servers and can also monitor multiple instances of conversion servers.

Who is...

ThyssenKrupp Polysius

Thyssen Krupp Polysius AG has foreign subsidiaries on all continents and more than 2,400 employees worldwide. It is one of the leading suppliers of equipment for the cement and mining industry.
SAP Main Job Overview

The main job overview is the standard surface of Conversion Cockpit. It offers a useful view of the complete system status. Detailed filtering options allow for refinement of the results shown.

From this view, conversion jobs can be restarted or deleted. The associated documents can be displayed and edited at the push of a button. Additionally, the protocols of conversions can be viewed - both inside and outside of the SAP system.

Frank Reuter, Project Manager at SEAL Systems:

“Even our SEAL Systems support team is benefitting from the advantages of the Conversion Cockpit: homogeneous and clearly arranged monitoring surfaces at our customer’s sites facilitate our efforts to find and eliminate errors significantly in case of a support call. This again is a benefit for our customers.”
SAP Converter Overview

The converter view shows the status of all converters on all connected systems. From here, defective converters can be detected and examined. Aside from that, disabled converters can be reset inside the SAP system.

SEAL Control Center

The SEAL Control Center can be launched and operated in the Conversion Cockpit. With SEAL Control Center, administrators can monitor different servers and processes and start and stop individual components without leaving the SAP environment.
Error Analysis

In case of error all steps of a conversion job can be retraced on the conversion server for detailed analysis.

Conclusion

**More than 500 conversions are carried out every day** at Thyssen Krupp Polysius. In case of error the Conversion Cockpit enables administrators to react in a quick and purposeful manner.

**Doris Stelzer, Project Manager at Thyssen Krupp Polysius:**

“The SEAL Systems Conversion Cockpit was an absolute necessity for us when we replaced our old conversion solution with the SAP standard conversion and the SEAL Systems DPF (Digital Process Factory). It is an ideal tool for the corresponding system administration.

In case of failure we can centrally detect all possible error causes and even correct most of them directly. The main overview of all conversion jobs, the drill-down into the SAP protocols as well as directly into the document info records, the converter overview and the external job view (DPF Tracker) are very helpful devices. The SEAL Conversion Cockpit combines everything we need to control in one instrument. Without it, multiple SAP transactions and SEAL tools would be necessary.”