



Preh introduces Corporate Output Management from SEAL Systems

Printing from SAP: Safe, Fast and Efficient with PLOSSYS®netdome



As an automotive supplier, the Preh Group has

always been characterized by its inventive approach to new production. Preh currently employs over 2,600 people in Germany, Portugal, America, Mexico, Romania and China.

They develop and produce innovative driver controls, climate control, sensor systems, ECUs and instruments.

Preh offers maximum flexibility and speed in development and production of tailor - made

product solutions. With that, Preh achieved record sales of 351 Million Euro in 2010. „Preh goes global“ is the goal for the upcoming years, together with the new majority shareholder Joyson, they are aiming for growth into Asia. “Doubling sales within the next 5 years is in our future“ says Preh chief executive Dr. Michael Roesnick. The product areas of Preh are corresponding strongly with the ongoing megatrends in the automotive industry: reduction of CO2 emission, comfort and safety.

Job Definition

In collaboration with the strategic decision to use traceability for the backtracking of material and process data, together with SAP ERP, Preh introduced a proven standard for archiving and document distribution. Therefore, the SAP integrated solution from SEAL Systems was installed in 2008 for the automated provision of documents from production orders and purchase orders.



“We are able to control and optimize all relevant output processes centrally while achieving substantial savings!”

To ensure secure order processing, a customized web portal for document distribution directly out of the message control was installed within the ordering system, according to Preh’s specifications. With the web portal, long term archiving formats (TIFF, PDF) mixed with native formats like 3D modeling, data can be provided.



Continuous protocol software along with a comprehensive monitoring feature ensures industry wide communication.

It also enables administrators to trace all relevant data for every processing job. When the requirement to print across six different locations while managing all printers

centrally developed, it was also essential to print SAP forms on format neutral devices. From there, a decision was made to expand the system landscape with further solutions from SEAL Systems.

One Server for all Printing Requirements

On the new system, all documents from purchase and production orders are printed in the correct, sequenced order through PLOSSYS®netdome. In addition, with the SAP-certified BC-XOM interface, the complete SAP spool output is processed through central output management. This means:

- ➔ **All forms and lists from various locations are processed through a central output server from SEAL Systems and printed consistently on all types of devices.**

Transfer of SAP spool jobs to PLOSSYS®netdome is carried out using the generic format OTF. These changes represent a considerable decrease in workload for the SAP administrators because SAP forms have to be created and maintained for only a single printer model in the future (instead of all printer models used companywide). In addition, the OTF format is substantially more compact than that of the printer code (PostScript, PCL). Final processing of the actual print

data is done on decentralized installed output servers. This relieves the SAP application servers by reducing its work load considerably and optimizing the network load while printing.

High Availability of Output Processes

All local print servers are highly available and can use the main server in Bad Neustadt as fallback in case of a malfunction. In this way, high availability of all output processes is permanently ensured.

The BC-XOM integration of PLOSSYS®netdome enables all print servers to report current job status information to the corresponding SAP spool processes. The SAP spooler reports success of a print job only if the corresponding job is printed on paper in its output destination. Users or downstream processes are then informed about the real print job status at any time.

A special feature within production environments is label printing. No changes to SAP GOF have been made here. Labels are still being generated by SAP directly and then being spooled through PLOSSYS®netdome (without conversion). This ensures the designated failover and print job transparency as mentioned above and none of the specific options of label printing has to be abandoned.

An additional project phase is envisioning the processing of all Windows - related print jobs over central output management. The intension of Preh is to operate all Windows printers with the SEAL MasterDriver, which is available for all important Windows operating systems in 32 and 64 bit.

Central Printer Management for all Systems

The SEAL Systems tool, easyPRIMA, now enables Preh to centrally administer all output devices connected to the corporation's SAP, Windows and PLOSSYS systems. The central printer database of easyPRIMA can be accessed through a web interface.

In this way, local administrators can manage their printer data and install new printers on their own. The printer information can then be neutrally saved in the easyPRIMA database system and can be distributed to all corporate systems connected at the push of a button. In addition, the database is able to automatically synchronize itself with the existing printer and system landscape.



“Printer information on all systems can now conveniently be distributed and administered.”

Companywide printer management on multiple system environments can now be done in a matter of minutes.

Martin Limpert,

Department Head Organisation & IT at Preh:



"For many years now, SEAL Systems has been our preferred contact regarding questions and solutions around our output requirements. When we intro-

duced their first solution for document collection and printing of purchase and production orders,

we discovered the enormous potential which lie in the introduction of corporate output management solutions. This is particularly true if one is not only focusing on pure printer and output management, but also on the connected business processes.

With this experience in mind, we made the decision to expand our solution and are now running one system with which we are able to control and optimize all relevant output processes centrally. In doing so, we are achieving substantial savings in administration, ensuring security of the system - critical processes and providing safe and fast output even at small remote locations. In addition, there are paper saving potentials from electronic distribution and system-neutral Secure&Pickup Printing."

The business case at Preh Group shows:

The introduction of Corporate Output Management has a high ROI - even for medium sized enterprises!

Optimize your output processes in a reliable, transparent and cost efficient manner with PLOSSYS® netdome from SEAL Systems.

SEAL Systems AG

SEAL Systems is an internationally leading developer of information and document distribution solutions. With their "Corporate Output Management" the company is now delivering the power of 30 years of output management experience combined in one modular software platform to provide maximum customer value.

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