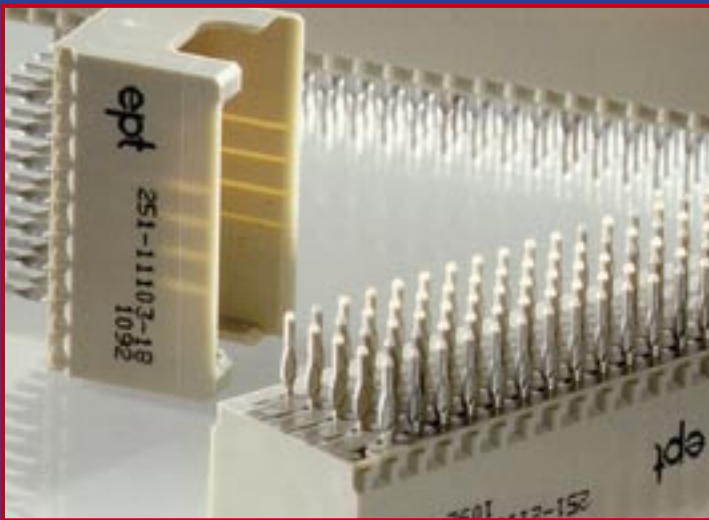


# ept GmbH & Co. KG



Production and machine data collection  
with HYDRA as SAP subsystem

**ept**  
*...the better connection*

## ■ The company

The name ept has been standing for complete solutions in the connector industry for more than 40 years. More than 600 employees produce numerous product families of connectors, components and the corresponding



processing technology in the ept plants in Buching, Peiting, Augsburg and Svatava (Czech Republic). The products of ept are characterized by expertise and a high quality standard on the basis of DIN EN ISO 9001:2000 and ISO TS 16949 as well as by creativity and precision.



ept sets high value on environmentally-sound manufacturing techniques. Thus, today the whole product range is based on unleaded components disposing of excellent working properties.



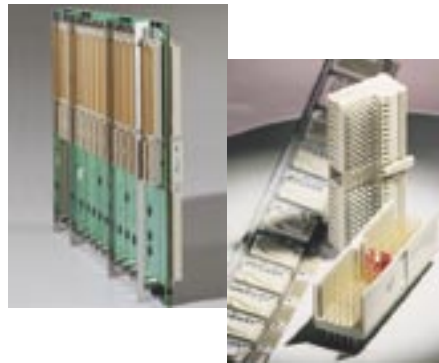
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## ■ Task and solution

In autumn 2003, ept decided to implement the applications of SAP as companywide ERP software. At the same time, the ept project team started to search for a subsystem in order to provide simple planning tools and current information on the order progress for the employees working close to the production. Furthermore, the system is supposed to be able to determine the machine performance on the basis of objective key figures and to upload the recorded order data to SAP PP. The machine data had to be uploaded directly from the press and the injection



molding machines or from the assembly machines via direct data communication.

At first, a pilot system was installed in the plant in Peiting in order to gain experiences and to test whether HYDRA is suitable for the ept environment. The results on the machine key figures that were already available after a short test stage confirmed the assumptions, that enormous improvements can be achieved, e.g. by increasing the machine utilization.

Thus, it became evident to introduce the HYDRA functions in all ept plants and to support therewith the thought of the continuous improvement process.

## MPDV-Locations:

Mosbach, Hamburg, Hamm,  
Heidelberg, Stuttgart, Munich,  
Amboise/F, Winterthur/CH,  
Fort Mill/USA

Since the implementation of the SAP PP functions, the order master data are



downloaded to HYDRA via the standard PP-PDC interface. Besides, via an additional function module HYDRA receives order-related information, which can be e.g. printed on in-production documents.

## ■ The project in brief

- Central Sun Solaris server with MS SQL database
- 66 PCs and IPCs for the collection of order and machine data
- 5 terminals of the type DS-100 for the collection of machine data at electroplating plants
- 32 HYDRA consoles clients with functions for the detailed planning of the production and for the evaluation of the order / machine data
- PP-PDC interface to SAP PP incl. extension for the download of order-related information
- Data interface to machinery and system controls

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