



SUCCESS STORY FACTORY AUTOMATION



„AIS Automation Dresden – an reliable partner convincing by innovation and stability. A premium provider of high-performance master computer solutions“

Thomas Schirmer,
Project Manager Prinovis

Prinovis

Retrofit

Refitting the guidance system and increase performance

High-quality production systems are running several years. Despite a flawless function there are occasionally upcoming problems through the years - e.g. discontinuation of operating systems and control components by the software provider. These problems can be evaded, but sometime they reach the point, when the facilities availability is in danger. The renewal of the line control technology in the production of intaglio printing / rotation at Prinovis Dresden ensures, that the facilities are still running stable and that there is a available support. Furthermore the production line system the plant gets a lot new functions in succession of the modernization.

Platforms & Services:

VAC NT 32 V5; Windows Server 2008 R2 und Windows 2010 Oracle Server 12, .Net 4



GOALS

- Ensuring long-range availability of the line control systems in the areas of intaglio printing / rotation



CHALLENGE

- Preparative tests in the factory - parallel to the ongoing production
- Restarting immediately without a loss of production



SOLUTION

- Increasing process quality
- Consistent software architecture of line control systems for the intaglio printing / rotation at the customers plant



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DETAILS ABOUT THE PROJECT

Along with the modernization of the production control system was a high performance software architecture called into action. Hence the interfaces of the transport devices in cell controller applications are relocated. As a result an interface standardization and a separation of duties between machine and system integration, visualization, operation and logic as well as data storage was achieved. The server systems are operated on an virtual VMware platform.

This is the base for an improved maintainability and availability. Graphical depiction of line dialogues and job management within the operator application is realized with WPF.

The worker reflected the new look and feel of the operator application as throughout positive and a distinct improvement of the order processing.



ABOUT PRINOVIS

Prinovis is the largest print service provider in Europe based in Hamburg, four printeries in Germany and Great Britain as well as a representation in Paris. Prinovis offers a wide range of solutions - from the conception of intaglio and web press print to the processing and logistics. On the base of longstanding experience of the employees of Prinovis supported by Bertelsmann they are offering high quality products and services.

For more information, please visit www.prinovis.com

ABOUT AIS AUTOMATION DRESDEN

AIS Automation Dresden GmbH, headquartered in Dresden, was established in 1990 and is currently a powerful system and software house in Germany with more than 145 employees. AIS provides software solutions for manufacturing and process automation mainly in the automotive, semiconductor, photovoltaic and railway industry.

Since 2011 AIS is part of Meyer Burger Technology Ltd (SIX Swiss Exchange: MBTN) which ensures a comprehensive service and support network for the project work and customer service worldwide.

For more information, please visit www.ais-automation.com