Retrofit of Line Controller to Increase Performance at Prinovis

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„Kontron AIS GmbH is a reliable partner convincing by innovation and stability. A premium provider of high-performance line controller solutions."

Thomas Schirmer,
Project Manager,
Prinovis GmbH & Co. KG (Dresden)

Prinovis

Retrofit

Prinovis GmbH & Co. KG
Dresden

Platform:
VAC NT, Microsoft Windows Server, ORACLE Database

Project:
Renewal of the line control technology in the production of intaglio printing/rotation

Kontron AIS services:
Efficient software architecture for modernization of the production control system

Goals

❯ Long-term availability of the line control systems in the areas of intaglio printing/rotation

Challenge

❯ Preparative tests in the factory – parallel to the ongoing production

❯ Seamless upgrade without interuption of production

Result

❯ Increasing process quality

❯ Consistent software architecture of line control systems for the intaglio printing/rotation at the customers plant

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 manufacturer. At some point, the facility operability can no longer be safely ensured.

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 technical support ist available. Furthermore the modernization of the production control system also opens up many new functions for the plant.

Details about the project

Along with the modernization of the production control system, a high performance software architecture was put in place. 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 a virtual VMware platform. This is the base for an improved maintainability and availability. Graphical representation of line controller dialogues and job management within the operator application is realized with WPF.

Operators have responded completely positive to the new look and feel of the operating application, which they see as a distinct improvement in order processing.

About Prinovis GmbH & Co. KG

Based in Hamburg, Prinovis is the largest print service provider in Europe comprising four print shops across Germany and Great Britain as well as a representative office in Paris. They offer their customers a wide range of solutions – from concept, to gravure printing and rotary offset printing, through to processing and logistics. Drawing on the long-term experience of our dedicated employees and supported by our associate Bertelsmann, the company stands for the development and realization of innovative and high-quality services and products. Individual customer care is one of their major goals. Therefore, Prinovis considers itself as main contact for their customers and gives them extensive advice in order to find the perfect solution for their needs.

For more information please visit: **www.prinovis.com**

About Kontron AIS GmbH

We set the benchmark in industrial software – for more than 30 years and with an experienced team of over 200 employees. Our proven software products and customized digitalization solutions enable machine and equipment builders as well as factory operators to break new ground in automation and secure long-term competitive advantages. Together with our customers we implement worldwide cross-industry, intelligent digitalization strategies and solutions for the smart manufacturing of tomorrow.

As a subsidiary of the Kontron AG, we offer integrated, end-to-end IoT concepts consisting of hardware and software as well as worldwide project management, service, and support thanks to a global network.

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