



Paper rolls in a Mondi Packaging Czech Republic facility



Customer Success Story

Mondi Packaging Paper Štětí a.s. Czech Republic



Final Control Process Station

About Mondi Packaging Paper Štětí a.s

Mondi Packaging Paper Štětí a.s. is one of the world's leading producers of industrial packaging and paper materials. They have been using ICONICS software at its Pulp and Paper plants in the Czech Republic. The Plant receives 1000 tons of timber daily and produces 1,500 tons of pulp and paper each day. This plant has over 100 buildings with over 1000 people employed producing 45 megawatts of electricity within their facility. This is the largest ICONICS Web application in Europe.

ICONICS Software Deployed

The HMI/SCADA System for the Mondi Packaging Paper Štětí a.s. production plant, known as the Technological Information System (TIS), is using ICONICS GENESIS32™, AlarmWorX32, TrendWorX32, GraphWorX32,

"ICONICS' WebHMI product integrated 18 different OPC servers from different manufacturers and helped us visualize our operations using the standard internet explorer. The GENESIS32 product tied together our SAP, OSI PI historian, Measurex, ABB and Siemens PLCs using OPC technology. Our integrator, KONTRON CZECH, helped us build the most advanced Web-based visualization and information system for analyzing our complete Pulp & Paper plant application."

Lubomir Rulisek, Pulp Mill Manager,
Mondi Packaging Paper Štětí a.s. Co.

DataWorX32 and WebHMI software. This was implemented by the KONTRON CZECH Company, a provider of industrial automation software solutions in the Czech Republic. KONTRON CZECH served as the system integrator for the TIS, which is based on OPC Data Access, Historical Data Access and Alarm and Events communications.

Key Features

The TIS, which uses many different types of OPC servers to integrate and process real-time data from all segments of the Mondi Packaging Paper Štětí a.s. production facility, employs 20 full ICONIC'S GENESIS32 systems with 150 graphic screens for real-time HMI visualization of the plant's operations. An ICONICS WebHMI server provides HMI displays to more than 50 client computers

running Microsoft Internet Explorer, enabling production, maintenance and management personnel to view real-time OPC data from Web browser stations throughout the facility.

Project Summary

OPC plug and play technology was critical for this extremely large application. The system integrated nine OPC servers to process real-time data from all segments of the large paper complex. An ICONICS WebHMI server, running on Windows 2000 and IIS delivered over 150 web pages to 70 WebHMI clients running standard internet explorer. This enabled production, maintenance and

Conclusion

ICONICS has worked closely with Mondi Packaging Paper Štětí a.s. and its IT staff as well as with KONTRON CZECH, their selected systems integrator, to make this Pulp and Paper production project successful in every aspect. Mondi Packaging Paper Štětí a.s. participates in the ICONICS End-User Support and Maintenance program to keep its software updated and for access to technical support personnel as needed and is looking forward to expanding this application to its other six plants in Europe.



Pulp processor system at Mondi Packaging



Paper manufacturing equipment

management personnel to view real-time plant operations throughout the facility with over 900 personal computers.

Benefits of the System

To handle the enormous amount of data generated by the plant, the plant information system (TIS) also uses ICONICS' DataWorX32 OPC data exchange product, which provided a homogenous data-collection engine for more than 4,000 real-time OPC tags and more than 5,500 historical OPC tags.

Product Highlight

GraphWorX™32

GraphWorX32 allows users to combine drawings, operating procedures, quality reporting, and recipe management directly into operator displays using a choice of several powerful ActiveX Controls or built-in Microsoft Visual Basic for Applications (VBA). Resulting controls can integrate with corporate information systems, Batch, MES, ERP, Excel, Access, SQL and more.