



# Grycksbo Paper AB

## makes improvements through gradual renewal

Grycksbo Paper Mill has made paper since 1740 and is Europe's leading manufacturer of matt, coated graphical paper.

**Grycksbo Paper AB and Novotek have a longstanding collaboration in the field of automation and industrial IT. G-Print Fine Paper is manufactured at the Grycksbo plant on the outskirts of Falun in the Dalarna region.**

Grycksbo rebuilt the PMIO paper machine a few years back. They already had a Proficy iFIX operator system, which was connected to a smaller section of the plant. Before building the new paper machine, various solutions were evaluated and the decision taken to expand Proficy iFIX.

**First step:**

**OPTIMAL OPERATOR ENVIRONMENT**

Grycksbo puts store in the operators' requirements.

"We mainly considered the operator's work environment in terms of

*"Proficy iFIX gives everyone a common interface to the process,"*

Dan Christensen, Grycksbo Paper AB

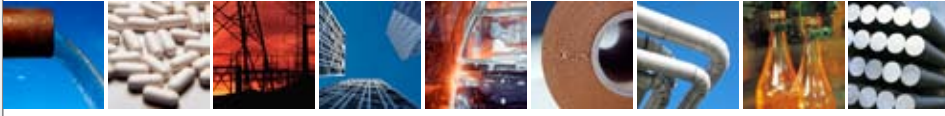
controlling and monitoring the improved paper machine. Proficy iFIX gives everyone a common interface to the process," says Dan Christensen from Grycksbo Paper AB. The gains included better overview, easier handling and easier configuration. Grycksbo Paper in Grycksbo has several different DCS models and control systems from suppliers such as Siemens and ABB. Novotek used existing control equipment to com-

municate on the high-speed buses for optimal control and monitoring of the plant. In addition, redundant computer server solutions were implemented for high availability and accessibility, with several operator stations; all in line with Grycksbo's specifications and needs.

**Next step:**

**BETTER INFORMATION**

The next step in the renewal process was recently taken with the decision to improve communication to the existing master information system, WinMOPS. By using Novotek's expertise in OPC and communication with Siemens' Teleperm M OPC Server Gateway, communication is transferred from the serial interface to Teleperm's CS275 high-speed bus. This improves the quality of the information so that production management and quality staff also receive real-time data from the proc-



ess enabling them to take quicker and better decisions.

”Since Proficy iFIX allows a gradual renewal, we can also make the most of our earlier control system investments,” says Ulf Persson, Systems Manager for Proficy iFIX at Grycksbo Paper AB.

#### **REAL-TIME DATA GIVE A VERSION OF THE TRUTH**

It has been possible to increase production rates from 830 metres to 1100 metres per minute with the new PMIO investments. The operators have a modern Windows-based system that distributes processed data to the information system, both quickly and safely. This means that everyone in operations can make instant decisions based on data and information in real time – real-time data that are the basis for business-improving measures.

## SUMMARY

### COMPANY

Grycksbo Paper AB

### SOLUTIONS

Automation Solutions

- HMI/SCADA.
- Integration with information system
- Webbased trending

### PRODUCTS

- Proficy iFIX
- Proficu Historian
- Proficy Portal

### BENEFITS

- Common interface to process
- Integration of several existing DCS and PLC systems
- High availability with redundancy
- Integration with existing information system

For more information on our smart solutions, please visit our website [www.novotek.com](http://www.novotek.com)