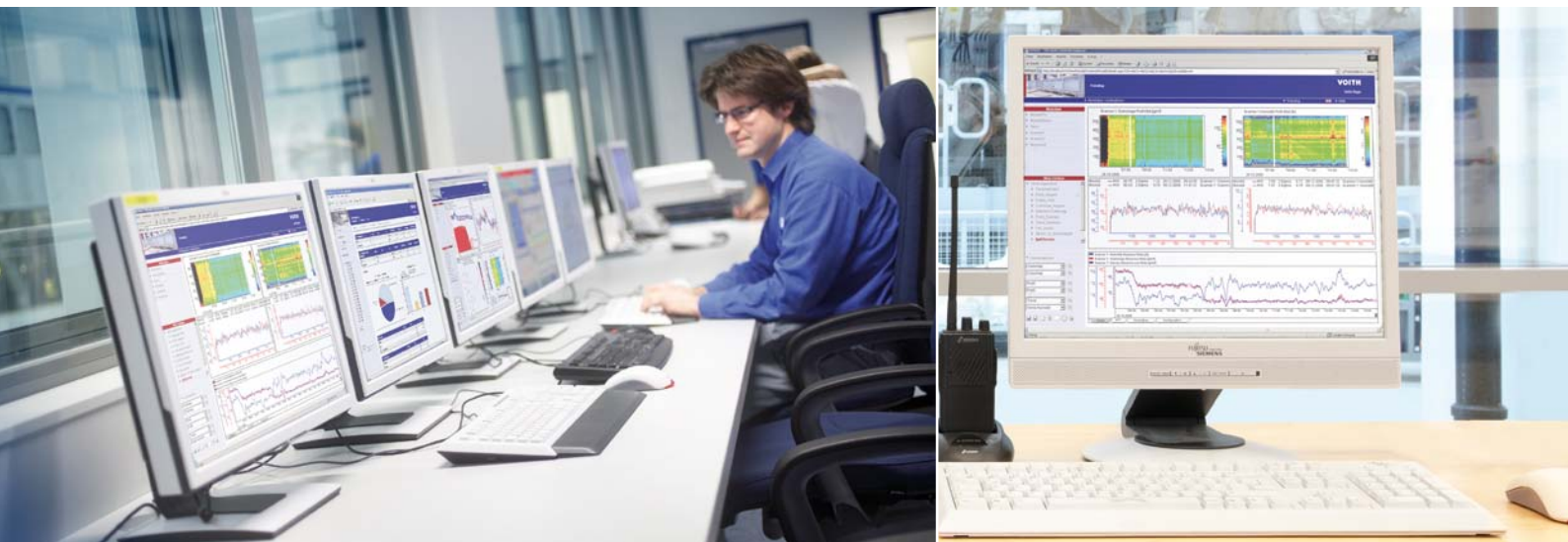


OnView

The powerful information system for the paper industry



Information is knowledge

The requirements for the availability and efficiency of paper machines are becoming ever greater. A quick reaction to process, machine or quality problems calls for rapid and easy access to information about systems and beyond system limits. For this purpose, OnView, with its modular and scalable structure, is the optimal solution for the pulp and paper industry.

OnView Platform

The OnView Platform integrates various data sources of a plant and provides this data via a common platform. It consists of a powerful database system and is the central communication platform that integrates the data into the process

control system and the intranet. Access to historical and real-time data is possible via the OnView Platform. Thus the paper-maker always knows exactly what is happening in the process, from stock preparation to the finished product.

OnView Portal

The web-based OnView Portal provides access to all information and functionalities via the intranet. With OnView, analyses, online reviews and reports can be called up and controlled through just one access. Because process, machine and quality data are visualized in detailed trend analyses, profile and color maps, the causes of machine and process behavior can be easily identified.

Server hardware

Included in the delivery is a standard industrial PC with RAID 1 system in the current configuration.

Quick support

OnView provides access to Voith's specialized knowledge and many years of experience. Thanks to OnView, Voith technology experts can offer assistance remotely, if a customer so desires.

Less broke

Quality data from the scanner cannot be called up online during web breaks and start-up of the machine. However, without exact measurement data unnecessary broke accumulates. With the historic process data from the OnView information system and OnV VirtualSensors, MD control can remain active even in such critical situations.

OnV Virtual Sensors

The "virtual sensors" determine the exact dry weight, even if no scanner values are available. This is achieved with a multilayer model that combines process, machine and quality data. Due to the combination of paper technology know-how, many years of experience and data-supported models, OnV VirtualSensors can reliably predict various quality parameters with the highest accuracy. These values are used by OnQ GradeControl for MD control. The basis weight is thus kept within the specification limits even with breaks and during start-up. The paper can therefore be threaded more easily and is more quickly salable again.

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Further Information

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Performance data

- Typical information archiving of up to 10,000 tags/year
- Basic license for up to 25 clients
- Low network bandwidth
- Hardware and software redundancy possible
- MySQL database with optimized data granularity for high access speed and loss-free data compression

Optional OnView modules

- OnViewAnalysis: online Fourier analysis, correlation with laboratory data, automatic correlation of characteristic lines
- OnViewExport: data export to Excel, Matlab or CSV
- OnViewInterface: integration in a superordinate mill-wide information system
- OnViewService: online documentation, configuration, administration

Controlled break with OnV VirtualSensors

