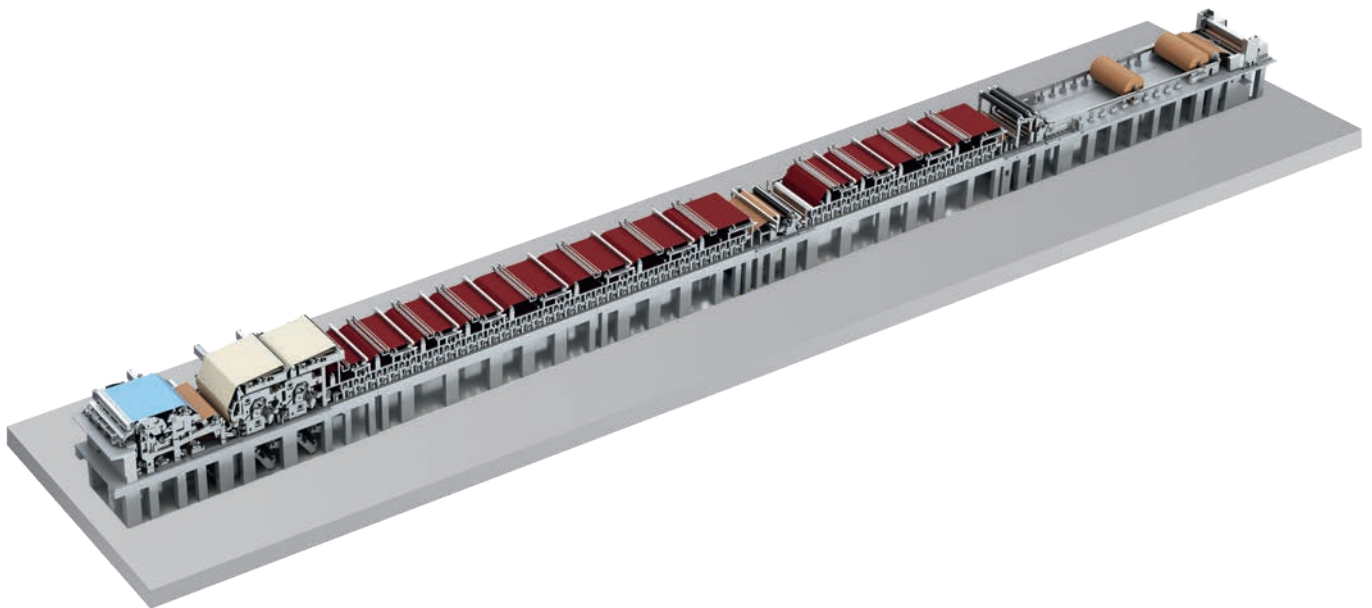


# Perfect foundation for sustainable operation

## Process and paper machine audit



### Your benefits

- + Increase production line productivity
- + Identify paper quality deviations
- + Identify potential for improvement in process settings and working methods
- + Recommendations for optimal production time management
- + Detailed reporting with recommendations



### Focus on efficiency increase and quality

Every papermaker and every person responsible for a paper mill knows the importance of high plant efficiency combined with the best product quality at high production speeds. The way there is often lengthy and requires suitable specialists with extensive knowledge and experience. Our service experts have this knowledge and the necessary experience to identify problems and assign possible root causes.

The knowledge gained from a paper machine audit provides the perfect basis for ensuring sustainable operation over the entire life cycle of the plant through suitable measures and possible investment steps.

### Why Voith?

As a full-line supplier of board and paper production lines, we offer the complete equipment portfolio across all grade ranges and can draw on Voith's expertise in paper machine development, as well as numerous comparative data, when developing specific improvement proposals.

In addition to the audits, we are happy to support you with our consulting services or our remote service center – OnPerformance.Lab. The combination of our comprehensive service offerings provides the best basis for developing a success-oriented service partnership together with Voith.

### From paper machine sub-sections to the complete production line

Together with our customers, we choose the appropriate approach. This can be a targeted root cause analysis up to a comprehensive collection and analysis of process data. The last will reveal unknown weak points enabling the identification of suitable improvement options.

The preparation of the audit includes not only the processing of customer information but also the review of machine drawings and plant documentation.

During the audit, general plant observations are made, as well as exchanges with customer personnel and the technical condition assessment of the installed plant components.

For maximum efficiency of the audit, we also apply digital tools like our remote video solution, OnCall.Video, as well as OnPerformance.Lab, our remote service center.

Finally, recommendations for optimization are developed and prioritized. These will cover a wide scope – from process and machine settings, water management and maintenance measures to recommendations for the installation of optimization components, customer training or even major rebuilds.

Process and paper machine audits are part of the comprehensive Servolution services portfolio



## Equipment services

### Installation & commissioning services

- Installation service
- Commissioning service

### Maintenance

- Inspection
- Preventive maintenance
- Corrective maintenance
- Equipment improvement
- Repair & refurbishment

### Materials

- Spare parts
- Wear parts & consumables



## Process services

### Audits

- Production line
- Maintenance
- Digitalization
- Energy
- Safety
- IT-Security

### Expert support / consulting

- Smart monitoring
- Data analytics
- Condition monitoring
- Technology
- Maintenance
- Engineering
- Automation

### Training

- Equipment
- Operation / Technology
- Safety
- Methodology

### Measuring & diagnostics

- 3D scan
- Alignment service
- MobiLab
- Paper moisture profile analysis
- Paper profile analysis (Tapio)
- Press load measurement
- SpeedUp certificate
- Vibration analysis
- Wet end process analysis



## Remote tools

- Telephone support
- VPN support
- Video support
- Cloud service

## Our scope of service

- Analysis of efficiencies and benchmarking
- Break analysis
- Assessment of paper quality
- Evaluation of the quality control system and cross-profile controls
- Target/actual comparison of process settings and operating points
- Review of equipment design and technical condition
- Identification of production bottlenecks
- Recommendations for housekeeping and clean design
- Recommendations and prioritization of improvement measures

## Optional

- Laboratory tests in the Voith laboratory
- Measurement and diagnostics
- On-site expert support
- Training
- Audits in the areas of digitalization, maintenance and energy



Please click on this [link](#) or scan the QR code to visit our Process Services website:



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**VOITH**