



Let's look into your future OnCare.InSight with integrated AI

AI makes your data work harder. By leveraging its extensive heavy industry expertise and advanced AI technologies, Voith delivers bold AI-powered solutions in fields like predictive maintenance.

Key benefits of Voith AI solutions



Expertise and innovation

- + More equipment efficiency, less downtime
- + Decades of industrial experience and innovation
- + Cutting-edge digital solutions, AI expertise



Human-AI collaboration

- + Label events and refine models to enhance systems
- + AI can constantly adapt to specific operational needs
- + Voith AI supports direct interaction with user



Proactive problem solving

- + Prevent breakdowns, minimize downtime, save costs
- + Precise fault localization, detailed root cause analysis
- + Optimized management of maintenance and spare parts



Versatility across industries

- + Industry-agnostic, suitable for diverse applications
- + Enables customized setup for optimal performance
- + Highly adapted solutions, dedicated service team

Unique to Voith

Frontend functionalities

01 Event dashboard

Alarm, warning, and signal overview; sortable history.

02 Signal details

View trends and analyze ranked input signals.

03 Event handling

Label, confirm, and input corrections for multiple events.

04 Asset structure

Process map of all components and their event statuses.

05 Model overview

Overview includes version history and training queue.

Big data, big security

Data security is crucial for Industry 4.0, and Voith's AI solution ensures the highest privacy standards with robust security measures, including encrypted cloud data transfer, access controls, and safeguards against unauthorized activity.



EU-based data centers



ISO 27001, IEC 62443



Encrypted cloud storage

Industry applications

OnCare.InSight enables AI-based predictive maintenance across industries like power, oil and gas, petrochemicals, steel, and mining for a wide range of use cases.



Power, oil, and gas



Petrochemicals



Steel

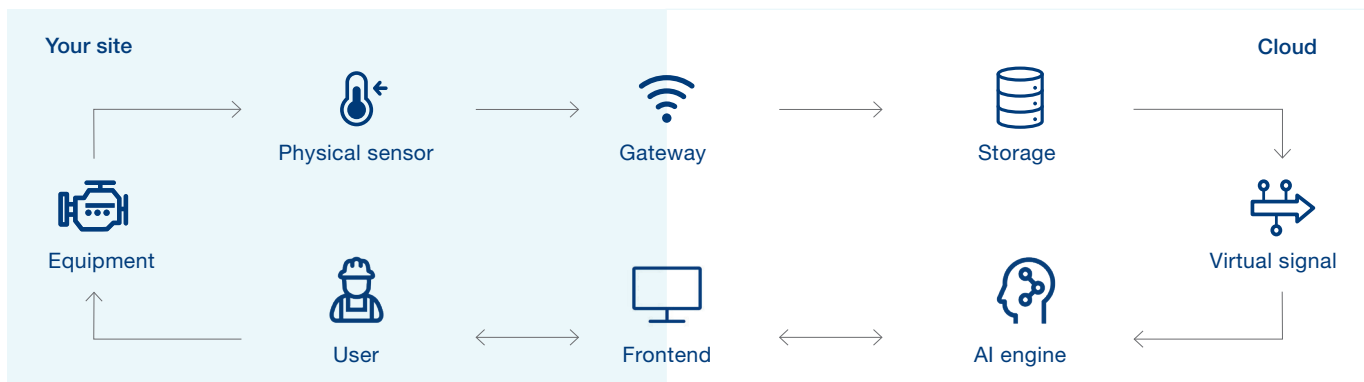


Mining

Maximize performance With the OnCare family

OnCare.InSight is supported by Voith's OnPerformance.Lab, which leverages Voith's industrial expertise and AI technologies. This enables predictive maintenance, proactive problem solving, and real-time monitoring across industries.

System architecture



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