

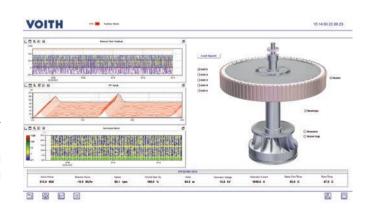
Mobile condition monitoring unit OnCare.Health Hydro

Temporary monitoring. Full insight.

When condition monitoring is only needed for a limited period – during commissioning, after an overhaul, or for trouble-shooting – flexibility becomes essential.

The Mobile Condition Monitoring Unit offers a temporary, non-invasive way to collect and analyze real-time data from your hydropower equipment. Without integrating into your permanent system infrastructure, this mobile unit enables targeted diagnostics and supports informed decisions—where and when needed.

It's a practical way to reduce unplanned downtime, verify system performance, or gain a second opinion—backed by Voith's proven monitoring expertise.



Maximize potential and leverage all the benefits

Flexible deployment

Fully mobile and easy to relocate — ideal for temporary monitoring during commissioning, troubleshooting, or performance checks.

Fast setup and availability

Ready to use at short notice — minimizing lead time and enabling a quick response to urgent monitoring needs.

No system integration required

No changes to the existing plant infrastructure are required. The sensor is installed temporarily, with only a temporary connection to the customer's SCADA system (via Modbus TCP or OPC UA) needed to correlate SCADA data with the monitoring analysis.

Provides live data and analysis exactly when needed, supporting fast, informed decisions for optimal system performance.

Process overview

◄ Identification

Targeted monitoring setup

We begin by identifying the key areas and parameters that require monitoring to ensure comprehensive coverage. Monitoring

Continuous real-time insights

The unit continuously monitors the identified parameters, providing real-time data and insights.

Report generation

Comprehensive findings report

Finally, detailed reports are generated to present the findings and actionable recommendations clearly and concisely.

2 Installation
Seamless unit deployment

Our team then installs the mobile monitoring unit quickly and efficiently, with minimal disruption to your operations.

4 Expert data analysis
Accurate data verification

Voith performs expert data analysis by correlating valuable information from the control system with monitoring data and leveraging 160 years of Voith Hydro expertise



Voith Group Voith Hydro Holding GmbH & Co. KG Alexanderstr. 11 89522 Heidenheim, Germany

Contact: digital-hydro@voith.com







