

ABB Ability AssetVista™ Plant Asset Management Solution

Reduce maintenance costs and increase operational efficiency



01 AssetVista as a key element to maximize production effectiveness

Thousands of production assets are in your plant: valves, switches, sensors, motors, switchgears, gearboxes etc. Many have embedded tools to collect and store asset condition data, with high potential to improve maintenance activities and increase process efficiency.

Analyzing this data helps you identify the right maintenance activities, enabling faster and more accurate decision-making. AssetVista releases your hidden potential.

In AssetVista, our maintenance and process experts developed a customizable and maintenance-oriented solution to help you monitor and analyze asset conditions.

AssetVista combines a site-specific configuration with seamless integration and long-term continuous improvement support to provide you with a complete package to optimize maintenance activities.

Maintenance and process improvement at your fingertips

AssetVista provides all relevant data in a user-friendly, real-time dashboard, as well as detailed reports printed on demand.

The dashboards present the condition of important production assets based on their hierarchical diagrams and a criticality analysis of equipment components.

An equipment condition monitoring feature is designed to consider failure modes, available control system data, pre-installed expert condition monitoring systems and data sheets.

Based on this evaluation, AssetVista helps prevent unnecessary maintenance that exposes personnel to additional work situations in hazardous process areas.

If an equipment failure occurs, easy-to-use root cause analysis and reports provide quick detection to reduce production losses.

02 Easy to use dashboards and interfaces help your staff improve maintenance activities: (a) Maintenance workplace (b) Intuitive navigation through process equipment (c) Dynamic maintenance KPI

Development and commissioning tailored to your needs

To achieve your production goals, our team has established a balanced plan to develop, implement and operate your scalable and long-term asset management solution.

Our plan for your AssetVista:

Evaluation: In an on-site assessment, we listen to and understand your needs.

Design: We define suitable tactics and an appropriate mix of technologies.

Implementation: We deploy your designed solution for online condition monitoring.

Measurements & optimization: We deliver expected results through remote evaluation and periodic reports.

After implementation, we keep your application updated and support your maintenance team so they can focus on daily business.

Increase proactive and predictive maintenance and maximize your return on investment with AssetVista.

AssetVista™ – expert asset condition and maintenance management solution

Your challenges

- Demand for reduced maintenance and operational costs while increasing productivity
- Need for improved equipment reliability and reduced unplanned shutdowns

Our solutions

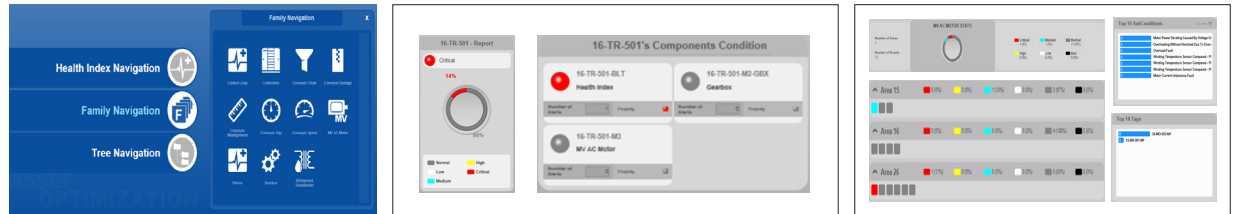
A scalable approach that leverages existing equipment data to optimize and sustain your maintenance performance.

Features

- Proven maintenance methodologies
- Asset monitor library with demonstrated results
- User-friendly and maintenance-oriented dashboards and reports
- Built on plant asset management 800xA Asset Optimization

Benefits

- Increased operational efficiency by eliminating unnecessary maintenance and improving mean time to repair.
- Break up of information silos between operation, automation and maintenance personnel, ensuring smooth integration.



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ABB's Mining business is represented in the following countries: Australia, Brazil, Canada, Chile, China, Germany, Peru, South Africa, Sweden and Switzerland.