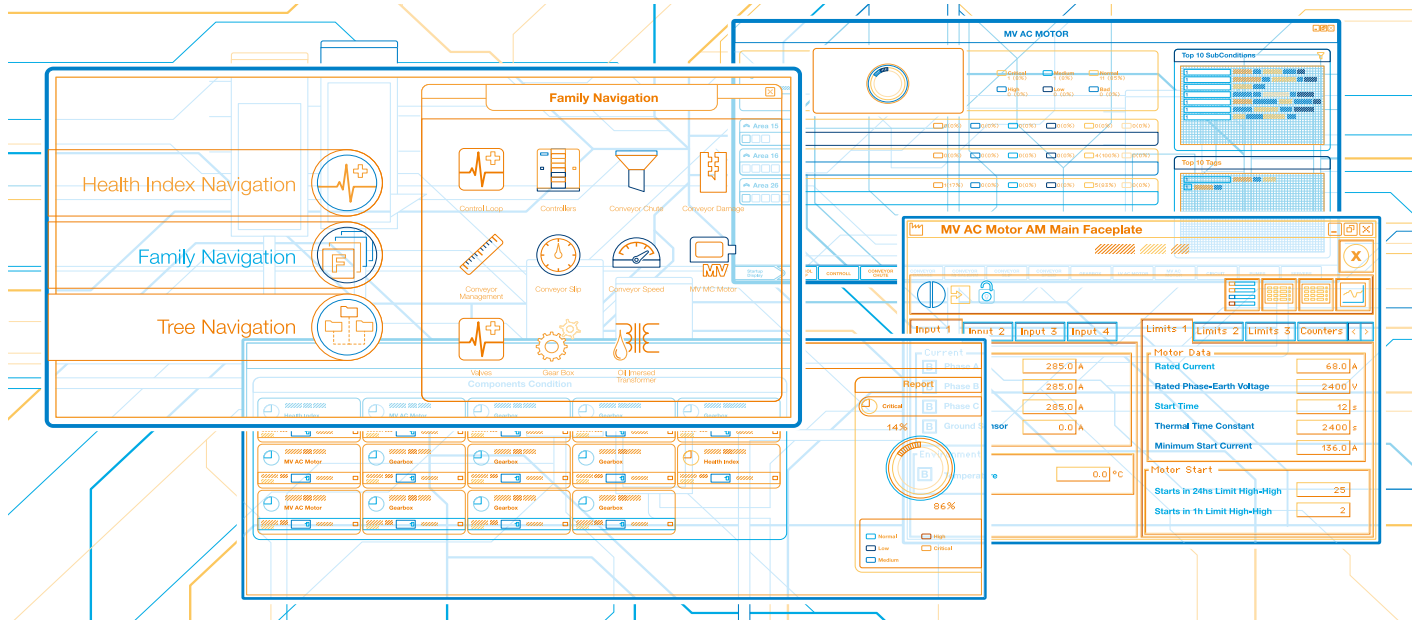


Service product

# AssetVista™

## Utilize untapped potential to gain maintenance excellence



Smart devices, digital fieldbuses, powerful networks, integrated electrical and control systems — all these new technologies help you automate and optimize your processes by accessing your asset data. The amount of collected data in your mining plant grows exponentially every day, but do you get the most out of these valuable inputs? The answer is a solution that gives you easy access to your data, allows you to compile it efficiently to then use it to sustain and improve maintenance performance. ABB's AssetVista™ is your entry point to asset-related information and an efficient, proactive maintenance and service strategy.

# AssetVista™

## Do you track the condition of your production assets?



Thousands of production assets and pieces of equipment are installed in your mining plant: valves, switches, sensors, motors, switchgears, crushers, mills, conveyors and a lot more. Many of them have embedded tools to collect and store asset condition data. This data is an untapped potential to improve your maintenance activities and increase process efficiency. Analyzing this data will help your maintenance staff define suitable maintenance actions. This will enable a faster and accurate decision-making process. AssetVista™ helps you release your hidden potential.

With AssetVista our maintenance and mining experts developed a customizable and maintenance-oriented solution to help you monitor and analyze the condition of your equipment and production assets.

AssetVista is not just another software application — it is much more. It combines a solution configured specifically for your site together with seamless integration and long-term continuous improvement support to provide you with a holistic package to optimize your maintenance activities.

### Maintenance and process improvement at your fingertips

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

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

In addition, the equipment condition monitoring feature is designed taking into account failure modes, available control system data, data from pre-installed expert condition monitoring systems and datasheets.

Based on this data evaluation our solution helps you prevent unnecessary maintenance that exposes personnel to additional work situations in hazardous process areas.

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

## Development and commissioning tailored to your needs

To achieve your production goals our team has established a well-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 appropriated 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 successful implementation we keep your application up-to-date and support your maintenance engineering staff while they can focus on their 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 operation costs while increasing productivity
- Need for improved equipment reliability and reduced unplanned shut-downs

### Our solutions

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

### Features

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

### Benefits

- Increased operational efficiency through elimination of unnecessary maintenance and improved time to repair
- Break up of information silos between operation, automation and maintenance personnel ensuring smooth integration



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

# Long-term service agreement for your plant

## Tailored maintenance and improved processes

Make service and maintenance for your mining plant a long-term business approach — by bundling AssetVista with other ABB services and technologies into a tailored long-term service agreement (LTSA). ABB packages its entire system expertise and service knowledge in an LTSA — to keep your mining plant running. We act as your strategic service partner for long-term service and maintenance strategies customized to meet your site-specific requirements for preventive, predictive and corrective maintenance.

We recommend to package the following service products in an LTSA:

- AssetVista™
- Long-term scheduled maintenance
- Long-term on-site support
- Condition monitoring
- Periodic maintenance
- Engineering, optimization & consulting

Long-Term Service Agreement (LTSA)				
Site audit	Inventory audit	Condition monitoring	Competence development	Evolution & upgrades
Long-term scheduled maintenance	Spare parts lists and kits	Periodic maintenance	Training partnership	
Long-term on-site support	On-demand spares	Troubleshooting	On-site	Engineering, optimization & consulting
Extended start-up support		Emergency spares	Supportline	
On-demand service				
<b>Field services</b>	<b>Spare parts services</b>	<b>Remote services</b>	<b>Training services</b>	<b>Special services</b>

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