



2026

ABB ABILITY ASSETINSIGHT

Customer References

ENGINEERED
TO OUTFIT

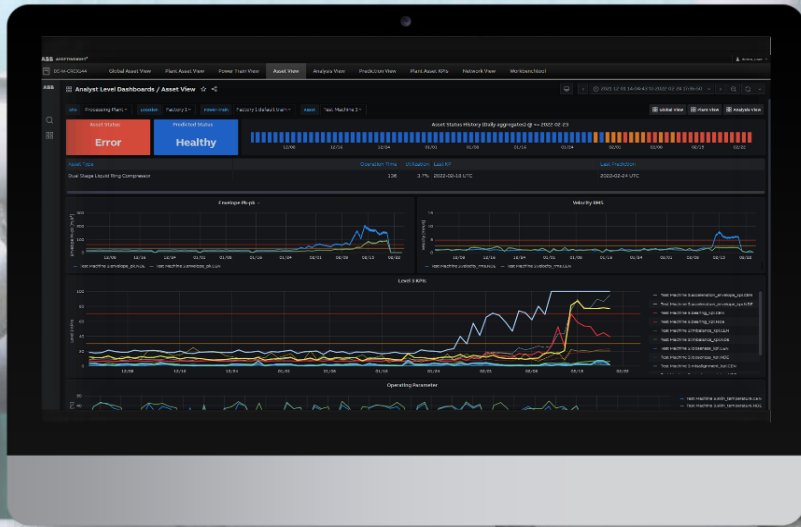


ABB Ability™ AssetInsight

Predictive maintenance for rotating assets

ABB Ability™ AssetInsight is a digital condition monitoring and asset performance management solution that enables continuous equipment health monitoring and predictive maintenance for rotating equipment and other critical assets. It is designed for maintenance, reliability, and operations teams who need better visibility into asset health across plants or fleets, including uninstrumented or hard-to-access equipment. ABB Ability™ AssetInsight combines smart sensor data, analytics, and domain expertise to detect developing failures early and support proactive maintenance decisions. By automating data collection and sophisticated analysis, it reduces the need for manual inspections and reactive firefighting thus avoiding unplanned downtime.

Customers benefit from increased asset availability, lower maintenance costs, and improved reliability. The solution supports scalable deployments across sites while aligning with data privacy and operational requirements.

Case studies

Six steps to predictive maintenance incl. case study examples

READ MORE

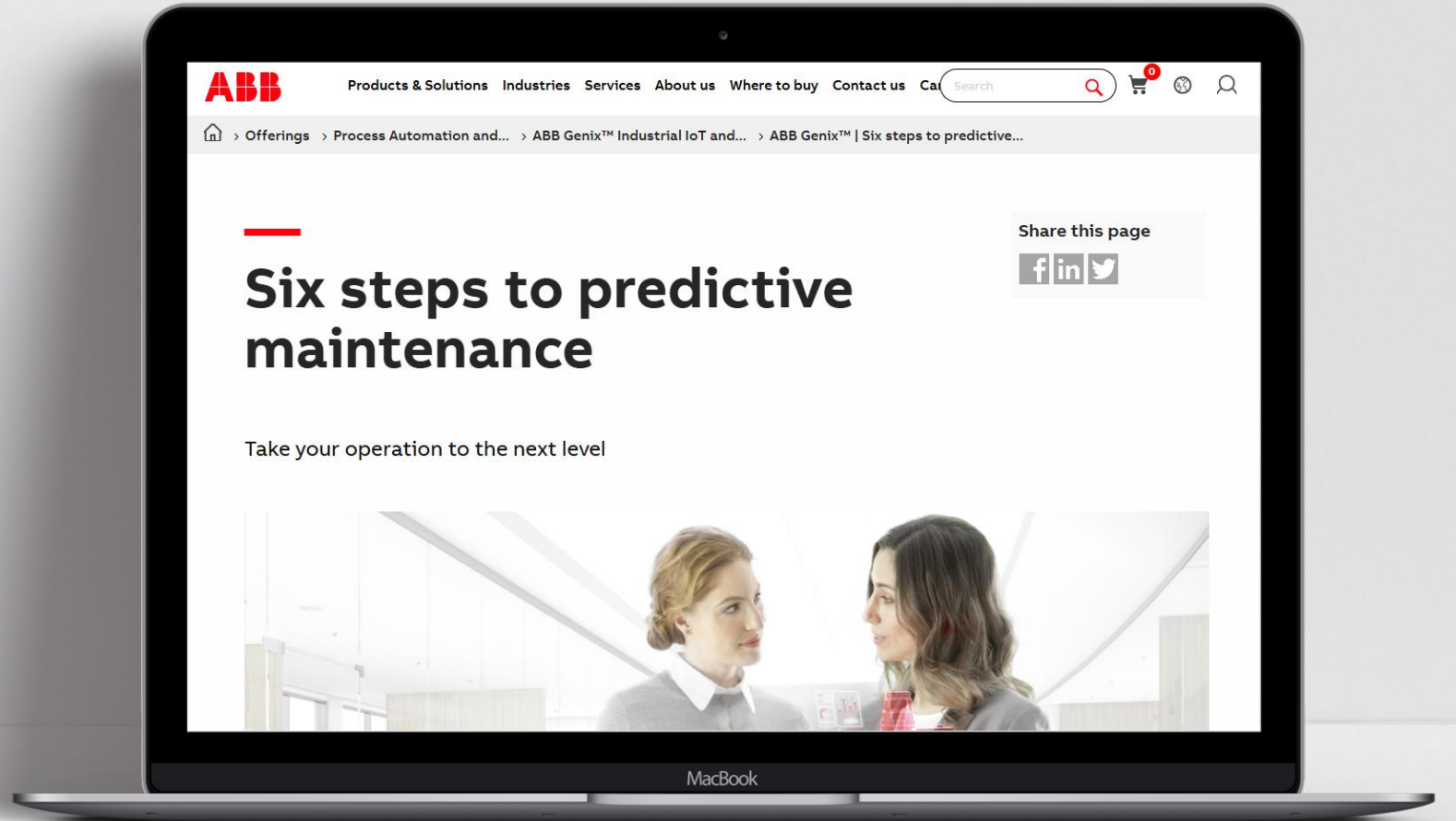


ABB Ability AssetInsight™ – customer references



Major oil & gas corporation in India

- Uninstrumented rotating assets, customer was reactive & firefighting losing money
- ABB AssetInsight enabling remote monitoring from headquarter
- the maintenance teams becoming proactive with failure mode detection & forecasting



Gas Liquefaction plant US Florida

- ABB Smart Sensors monitoring LV motors, high pressure centrifugal pumps etc. (45 assets)
- Remote asset monitoring capability and asset health reports
- ABB enabling condition-based and predictive maintenance
- Scaling across multiple sites



Energy provider Singapore

- Asset health monitoring in power plant on motors, fans and pumps
- Automatic and continuous data collection eliminates the need for manual site visits
- Enabling condition-based maintenance



Biogas Refinery Norway

- Customer was using handheld for monitoring
- Continuous equipment monitoring in hazardous areas now enabled with ABB Smart Sensors on motors, pumps and fans
- Integration of condition monitoring data from ABB AssetInsight™ into control system planned

ABB Ability AssetInsight™ – customer references



Major Industrial gases supplier in Canada

- Uninstrumented gas compressor, with no condition monitoring
- ABB Smart Sensors installed for remote access and continuous data analysis
- Rotating machinery failure prediction, increasing asset health transparency, eliminating manual maintenance



Gas compressor station in US

- Customer seeking to automate monitoring and decrease maintenance costs (38 rotating assets)
- Non-cloud solution needed due to data privacy policy
- ABB AssetInsight™ connected to ABB Smart Sensors WirelessHART, enabling condition-based & predictive maintenance, with remote asset monitoring and asset health reports



Major oil & gas corporation in India

- Remote plant, needing remote condition monitoring for uninstrumented rotating equipment
- ABB AssetInsight™ enabling remote monitoring from headquarter
- Autonomous 24/7 fleet monitoring
- the maintenance teams becoming proactive with failure mode detection & forecasting



Oil transportation and storage in Poland

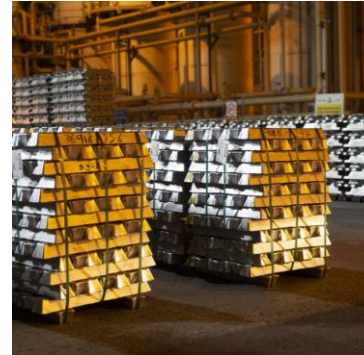
- Unplanned stops at redundant pumping station causing reduced product transfer
- Continuous equipment monitoring in hazardous areas was enabled with ABB Smart Sensors
- Customer gained asset health transparency and failure prediction, with cost effective solution

ABB Ability AssetInsight™ – customer references



Energy solution provider Singapore

- ABB Ability AssetInsight™ applied for rotating equipment monitoring (pumps, fans, motors)
- Automatic and continuous data collection eliminates the need for manual site visits
- Customer is enabled for continuous monitoring & cut cost through condition-based maintenance



Aluminium Smelter Bahrain

- Power Plant Monitoring
- ABB AssetInsight™ & Smart Sensors for proof of value project delivery
- Monitoring asynchronous motors and main centrifugal blowers



Iron ore pellets production plant Bahrain

- Need for cost-effective continuous monitoring solution for 56 rotating assets (motors, conveyers, centrifugal blowers, pumps)
- ABB Smart Sensors Bluetooth and Mobile App solution integrated into centralized visualization with ABB AssetInsight™, proactively monitoring asset health status
- Fleet monitoring and increase reliability of production-critical equipment



Energy Provider in Czech Republic

- [Condition Monitoring for rotating equipment in a thermal power plant using ABB Ability™ AssetInsight™ for proof of value](#)
- Customer is enabled to lower maintenance costs, increase availability & support changing workforce demographics
- Higher visibility on plant equipment & extending asset lifetime

ABB Ability AssetInsight™ – customer references



District heating provider in Poland

- Customer is producer of cogeneration system heat and electricity
- Proof of value Project for ABB AssetInsight™
- Monitoring of 3 motors, main water pumps and centrifugal fans



Semiconductor Manufacturer in Netherlands

- ABB AssetInsight™ & Smart Sensors for condition monitoring
- Proof of value project delivery
- Monitoring of motors (Low Voltage Motors, fans and blowers) on HVAC systems



Offshore drilling contractor in UK

- Monitoring of rotating equipment and main robe sheave unit (LV Motors, and balast, main lift, fire, and mud pumps & piston pump)
- Slow turning sheave unit bearing
- Customer seeking permanent daily data collection
- Setting a trend to predict fault before fault occurrence



Collagen Manufacturer in Netherlands

- To be Added

ABB Ability AssetInsight™ – customer references



Reliability Services for Onshore HVDC Converter station

- Customer is converting electrical energy to supply offshore oil platforms in Norway
- Hardware as a service contract model for customer to lease hardware as well as software (no CAPEX)
- Proactive notification of machinery failures on electrical motors and centrifugal fans to ensure availability



Centralized & automated monitoring for copper mine, Central Asia/Eurasian region

- Challenge for manual data collection hard to reach assets in harsh environmental conditions
- Wireless data gathering of the balance of plant assets reduces costs & avoids health & safety risks
- proactive machinery fault detection secures plant availability



Rotating Equipment monitoring for Combined Heating & Power Plant

- Continuous monitoring of low voltage motors, centrifugal compressors and centrifugal pumps
- Customer benefiting from automated data collection, rendering manual vibration checks obsolete
- Central remote monitoring for increased availability



Coal-fired steam power plant Indonesia

- Continuous monitoring of low voltage motors, centrifugal compressors and centrifugal pumps
- End-to-end asset performance visibility through continuous condition monitoring of critical assets
- Scalable APM foundation established designed to expand across additional units, improving availability, reducing unplanned downtime

AABB