

ABB Reliability Service for motors

Peace of mind for plant productivity



Plant productivity depends on equipment operating reliably. ABB Reliability Service provides the digital advantage you need to improve efficiency, reliability and safety for end users by utilizing our expertise and ABB Ability™ solutions to remotely monitor your motors and other assets.

Know your motors

Condition monitoring of motors is not new. The process of monitoring equipment has two parts: data collection and data analysis. Equipment data collection using conventional methods can be complex and costly. Data analysis and application requires dedicated resources with strong knowledge in electrical motor principles, maintenance protocols and reliability techniques.

All that is about to change with ABB Reliability Service with remote monitoring.

ABB Reliability Services

As part of the ABB Reliability Service package, ABB:

- Monitors your motors remotely
- Provides end users with Up-to-Date reports on motor condition
- Advises what corrective maintenance action is needed and when it is needed
- Notifies customer of change in machine status

Benefits

ABB Reliability Service takes the guess work out of keeping your equipment running while improving reliability and safety, and avoiding the cost associated with unplanned downtime.



ABB expertise

Equipment monitored and analyzed by ABB experts in electrical products.



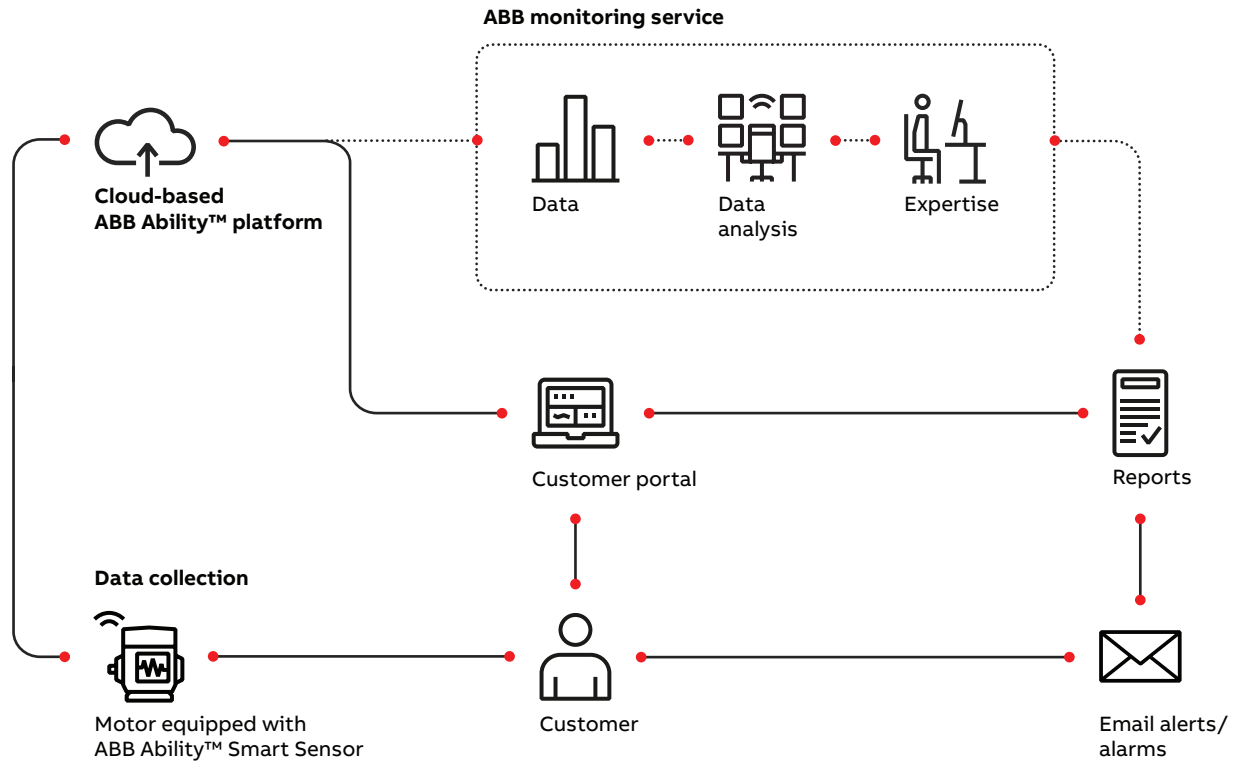
Lower cost of ownership

- Minimize or eliminate cost of unplanned downtime
- Condition based maintenance is less expensive than breakdown maintenance
- Maintain spares based on equipment condition, eliminating the need for extra inventory



Increased safety

- Planned maintenance reduces stress and errors in decision making.
- Condition monitoring allows you to know equipment needs attention without touching hot or rotating equipment



The Reliability Services advantage

ABB offers a unique digital advantage by combining connectivity and data analytics with our expertise to make your operations efficient, predictable and safe. The chart below shows the advantage to using ABB Ability Smart Sensor for motors and ABB Reliability Services.



Service offering	Smart Sensors for motors (only hardware)	Smart Sensors + Reliability Service
Smart Sensors	✓	✓
Mounting hardware	✓	✓
Smart phone app	✓	✓
Cloud data access	✓	✓
Gateway	✓	✓
Subscription	✓	✓
Calibration alert/alarm		✓
Monthly fleet reports		✓
Quarterly customer review		✓
Free sensor to replace failed units		✓
Subscription extension		✓
Priority technical phone support		✓