

ABB Ability™ Predictive Maintenance

Service product description

Predictive Maintenance is a condition-based service to improve the reliability of critical drives in demanding environments. The service harnesses the power of cloud computing, machine learning, and ABB's expertise, together with a remote monitoring system.

Value to customer

- Increased reliability: continuous monitoring and analysis of drive data supports maintenance planning to prevent unplanned shutdowns.
- Optimized maintenance: ABB's predictive expertise raises the profitability of capital investments.
- Local support with global knowledge: contract-based service with active maintenance consultation.

Service includes

Site audit of the installed base

- An on-site survey of the installation and operating condition of the drive application.
- The drive is registered and recorded drive data is saved in ABB Drives Installed Base.

Remote connection

- Delivery of remote devices
- Installation of remote hardware and software
- Commissioning of data connectivity to the ABB remote cloud
- Setting up the Remote Condition Management portal for the customer
- Maintaining connectivity

Monitoring

- Customer access to ABB Remote Condition Monitoring portal
- Continuous monitoring and advanced data analysis by ABB drives service
- Reporting findings of signals, trends or alerts within agreed response time

Analysis powered by algorithms

- ABB's cloud computing and machine learning facilities support the ABB experts' analysis of the drive

Future planning

- Predictive maintenance report based on data analysis by an ABB expert
- Local ABB follow-up meeting to review the annual findings and communicate maintenance planning
- An annual on-site visit during normal production

Service does not include

- Repair work, if not agreed separately
- Any update or upgrade work, if not agreed separately
- Application engineering
- Spare parts



For more information, please contact your local ABB representative or visit:

www.abb.com/drives
www.abb.com/searchchannels

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Product coverage

ACS800 R8i-based products

Customer responsibilities

Ensuring the safety of the working area (zero energy state, grounding, safety interlocks).

Other terms

- Customer data

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