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.

**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

**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

**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
All rights, titles and interest including, without limitation, all intellectual and industrial property rights in and to customer data are and remain with the customer or its licensors. ABB has the right to collect, monitor, store, use, extract, compile, synthesize, aggregate, analyze or otherwise process customer data in order to provide, maintain, protect and improve the services offered to the customer and its affiliates.

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