ABB Ability™ Condition Monitoring for drives

Service product description

ABB Ability™ Condition Monitoring for drives is a service that delivers accurate, real-time information about your drives’ performance, condition, and environment. This ensures that you have all the information you need to keep your assets available, reliable, and in optimal condition.

**Value to you**

Accurate information about your drive’s actual condition and environment, provided in real-time

- Easy tracking of operation and condition history
- Advanced analytics and Key Performance Indicators to help anticipate unexpected downtime
- Enables smart maintenance and investment decisions
- Helps identify best practices for drive maintenance and improvement

**Service includes**

Remote solution
- Remotely collects drive performance data
  - Continuously collects and analyzes signal trend data from drives
- Customer portal access either in the ABB portal, or through your own monitoring system using data transfer via Cloud Interface
- Optional annual expert reports with maintenance recommendations
  - Shows actual condition of the drive with user friendly traffic lights view
- Condition reports
  - Flexible reporting timeframes - from 24 hours to 3 months
- Condition-based alerts
- Configurable automatic e-mail notifications

On-premises solution
- zenon™ one-time license for Microsoft™ operated PC computers
- Annual subscription license for drive monitoring application
- Multi-user access and administration
- Key performance indicators dashboard
- Visualized dataloggers
- Log files for events and faults
- Site know-how, options to record and share comments on local events and faults

Cloud Interface
- ABB Ability™ Condition Monitoring for drives lets you access the stored data in your own monitoring system via the Cloud Interface
- The Cloud Interface provides information about the measurements, events, installed base and condition indices information for your drives and motors
- You get access to a user guide, Cloud Interface documentation (Swagger UI) and an application that can integrate the cloud interface to your cloud and internet enabled applications

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

new.abb.com/drives/services/advanced-services/condition-monitoring
www.abb.com/searchchannels
Service does not include
Remote solution
• Any drive maintenance activities

On-premises solution
• Any drive maintenance activities
• Connection to the cloud

Cloud Interface
• Technical development support for the cloud interface integration
• Support for dashboards visualization

Product coverage
• ACS800, ACS880, ACS1000, ACS2000, ACS5000, ACS6000, ACS5000W, DCS800, ACS580

Your responsibilities
Remote solution
• Providing a connection to the public Internet (Internet cabling and power connection close to the drives)
• Opening the required ports on the firewall

On-premises solution
• Providing a PC with Windows 10 where the On-premises Condition Monitoring will be implemented
• Providing an Intranet connection from Neta-21 (drive gateway) to the PC where the On-premises Condition Monitoring will be implemented
• Confirming to local health and safety standards (or the ABB JHA standard)
• Providing qualified personnel for electrical work, if necessary

Other terms
• According to local legislation and terms and conditions

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