

ABB MOTION SERVICES

ABB Ability™ LEAP for drives

Service product description

ABB Ability LEAP (Life Expectancy Analysis Program) analyzes the condition and expected lifetime of your drives. The service utilizes digitally collected information from your drives for fact-based diagnostics. The data is shared with experienced ABB engineers to provide targeted recommendations and solve potential issues.

Value to customers

- Ensures reliability of critical drives and optimizes maintenance planning
- Identifies unexplained behavior, by analyzing signal data
- Helps to identify the drives most in need of maintenance
- Enables you to effectively target and prioritize your budgets and resources
- Expert advice from experienced ABB engineers
- Excellent way to try out condition monitoring with no long-term commitment - we install the equipment for the duration of the contract, with the option to continue the monitoring service with ABB Ability™ Condition Monitoring for drives

Service includes

- Temporary installation and commissioning of the RMDE-01 connectivity box with own modem and cloud access
- Data collection for an agreed period of time
- Access to the ABB Ability™ Condition Monitoring portal and your drives data during the data collection period
- Uninstallation of the connection unit at the end of the contract
- Diagnostics report with recommendations from an ABB expert
- Optional: offer to continue the monitoring service with ABB Ability™ Condition Monitoring for drives

Service does not include

- Permanent hardware installation – hardware remains ABB's property for the duration of the contract
- Transactional character of the service – however can be embedded in service agreements on periodic basis
- End-user training on how to use the remote system
- Access to the portal and data after data collection period is over
- Connectivity to the customer's network

Product coverage

- ACS800 and ACS880 single and multidrives
- ACS1000 (INU), air & water cooled*
- ACS2000 (AFE / INU), air cooled*
- ACS5000 (INU), air & water cooled*
- ACS6000 (ARU / INU), air & water cooled*

* Component lifetime predictions and anomaly detections not yet available

Customer responsibilities

- Assigning skilled personnel to accompany the ABB engineer on-site and provide all necessary information
- Permitting ABB cloud connectivity for the data collection period (no need to connect to the customer network)
- Verifying your drives service history with ABB records (components replacements)
- Preparing and providing work permits, if necessary, and ensuring that the site is safe and conforms to local health and safety standards (or the ABB JHA standard)
- Providing qualified personnel for electrical work, if necessary

Other terms

- As per the agreement between ABB and the customer

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

abb.com/drives/services
abb.com/drives/searchchannels

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