

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

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

[abb.com/drives/services](http://abb.com/drives/services)  
[abb.com/drives/searchchannels](http://abb.com/drives/searchchannels)

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