

ABB Ability™ Digital Powertrain Cloud Interface

API to integrate asset data into your own systems

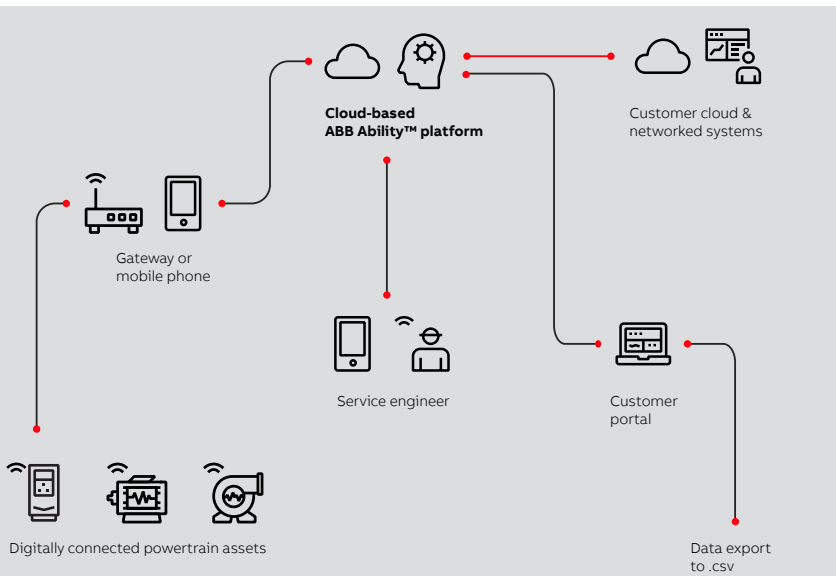


ABB provides an API that allows you to access the data acquired from your ABB Ability™ Digital Powertrain assets and integrate it into your own systems.

01 Integration of the ABB Ability™ Digital Powertrain

Minimum system requirements

Integration of the ABB Ability™ Digital Powertrain Cloud Interface requires that the users' software has Internet access, supports HTTPS RESTful APIs and that the users have an active subscription and login credentials for the ABB Ability™ Digital Powertrain web portal.

Available functions and asset features

- ABB Ability™ Digital Powertrain users with a valid and active condition monitoring subscription can:
- use the ABB Ability™ Digital Powertrain web portal to access their asset data
 - use the Cloud Interface to integrate the asset data directly into their own system
 - export the asset data for further analysis

The table on page 2 gives an overview of some of the key asset features that are available on the ABB Ability™ Digital Powertrain Cloud Interface and the ABB Ability™ Digital Powertrain web portal.

Key benefits



Better data insights

The seamless integration of your asset data into your own systems enables you to combine asset data with other business data for comprehensive analysis and insights



Improved operational efficiency

Reduced manual data entry and streamlined processes lead to increased productivity and reduced errors



Data protection

Secure authentication and authorization processes ensure secure data transfer

Key asset feature	Description	On the web portal	User's own system accessed via the Cloud Interface
Asset Condition Index	Allows users to monitor condition of their asset(s), providing a status overview (e.g., how many assets are within the following states: poor, tolerable, ok or unknown, or information about the assets' availability, environment, reliability or stress) so that the users can identify the issues and the specific assets.	✓	✓
Asset Event Log	Allows users to visualize their asset(s) event log (alarms and alerts).	✓	✓
Asset Health Parameter Configuration	Allows users to configure asset health parameters and set levels for alarms and alerts.	✓	✓
Asset Labeling	Allows users to label assets by adding up to three tags to each asset.	✓	✓
Asset Measurement Data Export	Allows users to export all asset-related data to enable further data analysis.	✓	✓
Asset Trend Graph	Allows users to generate graphs based on an asset's measurement data and visualize on the web portal.	✓	✓
List Assets with Health	Provides a list of all user-owned assets with their respective health information.	✓	✓
View Asset Details	Allows users to visualize all details on assets to which they have access.	✓	✓

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