



ABB Ability™ Condition Monitoring for drives

Fotis Meggisdís, Service Engineer Motion



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Step into the digital era with us

What is a drive

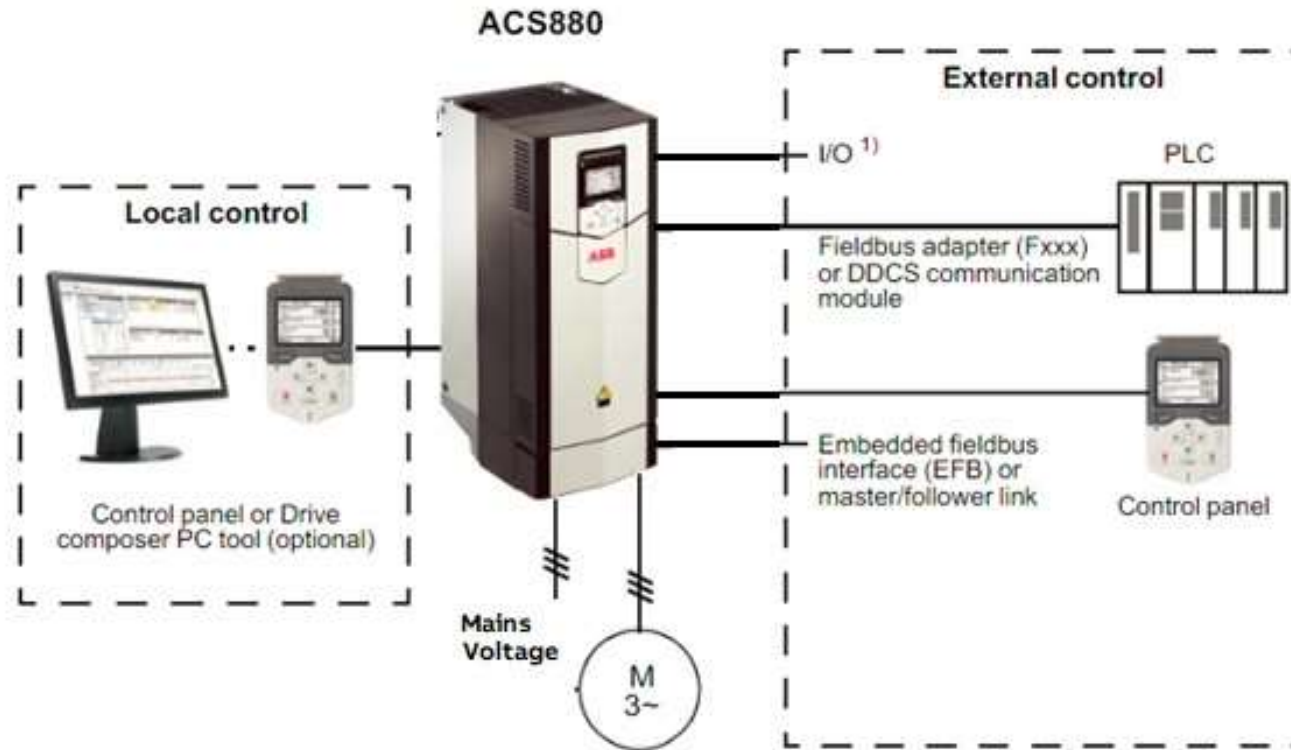


ABB Ability™ Condition Monitoring for drives

Keeping you one step ahead of process upsets

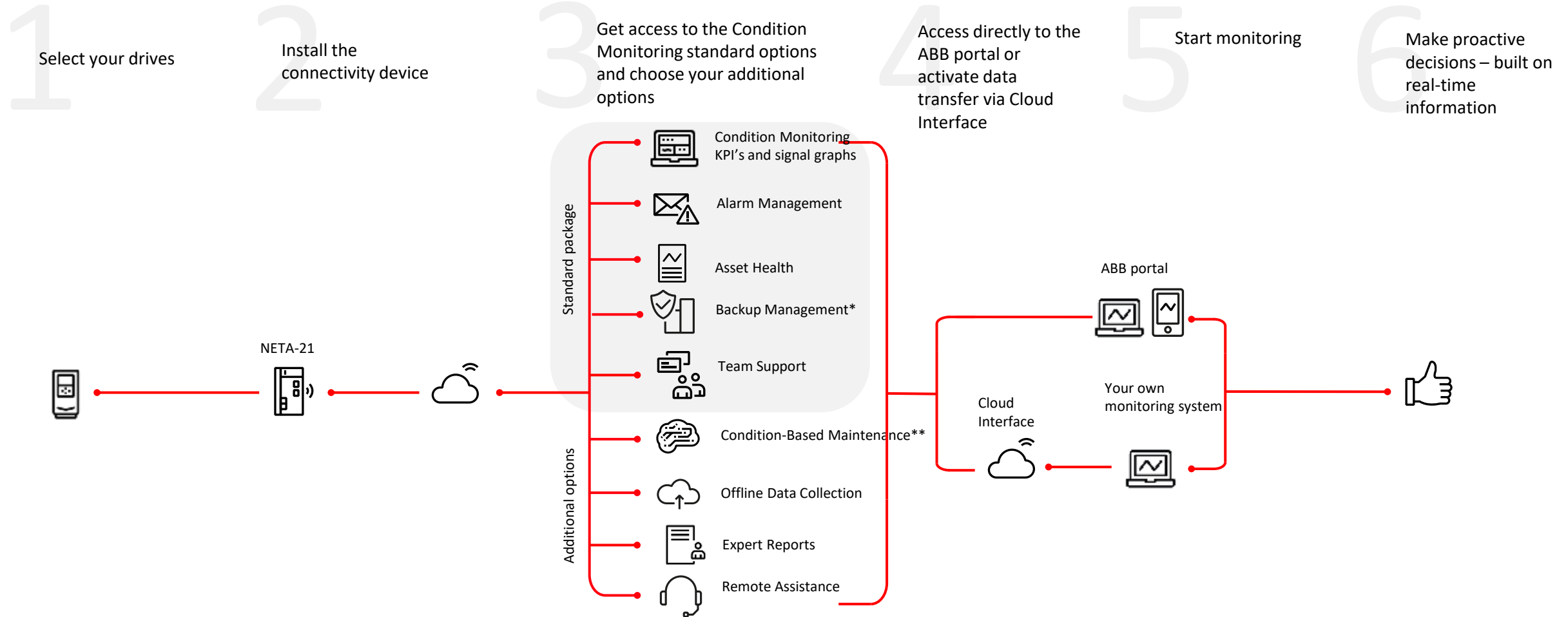
ABB Ability™ Condition Monitoring for drives consists of a suite of services designed to provide key information about drive events and changes in behavior – ensuring your equipment is always available, reliable and well maintained.

The standard package gives you industry leading capabilities to fit your own monitoring needs – whether you want to view the drive status through ABB's internet portal or integrate it into your existing monitoring systems.

Optional services include digitally enabled remote assistance by ABB technical support, advanced analytics and reporting, and a range of other features to make your maintenance operations more effective.



Tailor your drive monitoring to perfectly fit your needs



Tailor your drive monitoring to perfectly fit your needs

Standard package

Get these benefits from the standard package



Condition Monitoring

Continuously monitor your drive performance through ABB portal, remotely, without need for on-site presence or through your own monitoring system using data transfer via **Cloud Interface**



Alarm Management

Create flexible alerts and warning notifications, and have them sent to the right people for rapid action



Asset Health

Generate professional maintenance reports, tailored to your needs, about the state of your drives



Team Support

Wherever you are, you can access and analyze drive signal data and information, and then provide valuable support to your team



Backup Management

Back up and safely protect your drive parameters

Tailor your drive monitoring to perfectly fit your needs

Additional options

And select from these options, based on your need



Powertrain Monitoring

Combine key information from Condition Monitoring for drives and from Smart Sensors for motors and bearings, to monitor your complete powertrain



Condition-Based Maintenance

Assess the risk profiles of your drives to do efficient, proactive maintenance, based on condition rather than routines



Offline Data Collection

Upload and analyze data from your drives without using on-line connectivity to the internet



Expert Reports

Get our drive professionals to review your data and advise on maintenance planning, with an Expert Report service



Remote Assistance

Connect to ABB's helpdesk, to get expert support and problem solving, with full visibility of your drives online

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What you get

Solid fact-based decision making

Get the facts, and the history, to help run your operations better and more safely.



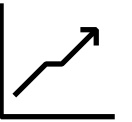
Find the root cause of process issues

Remotely access data from ABB drives built-in sensors to track the cause of problems. Get back to smooth operation quickly with data back-ups.



Always stay one step ahead of problems

Recognize early signs of possible failures and assess the risks, before they turn into serious operational issues.



Remotely analyze and optimize drives

Get critical drive information anywhere anytime – even in difficult to access sites, or when a site visit is impossible.





Connectivity devices

The connectivity devices that enable remote viewing and monitoring

NETA-21

NETA-21 connects the drive to the cloud via Internet or local Ethernet network.

- Built-in web server and requires no Flash/Java plugins.
- In the absence of a customer local area network, can be connected via a mobile network router (either Ethernet or USB network adapter).
- One module can be connected to several drives at the same time.



RMDE reliability monitoring device

The RMDE device facilitates the installation of the NETA-21 on drives that are already installed.

- Contains two or four NETA modules and can connect up to 18 or even 36 drives.
- The cabinet consists of the NETA-21 devices, a modem and environmental sensors that enable the collection of measured ambient temperature and humidity values.
- The cabinet includes a compact IP54 enclosure, making it suitable even for harsh environments.

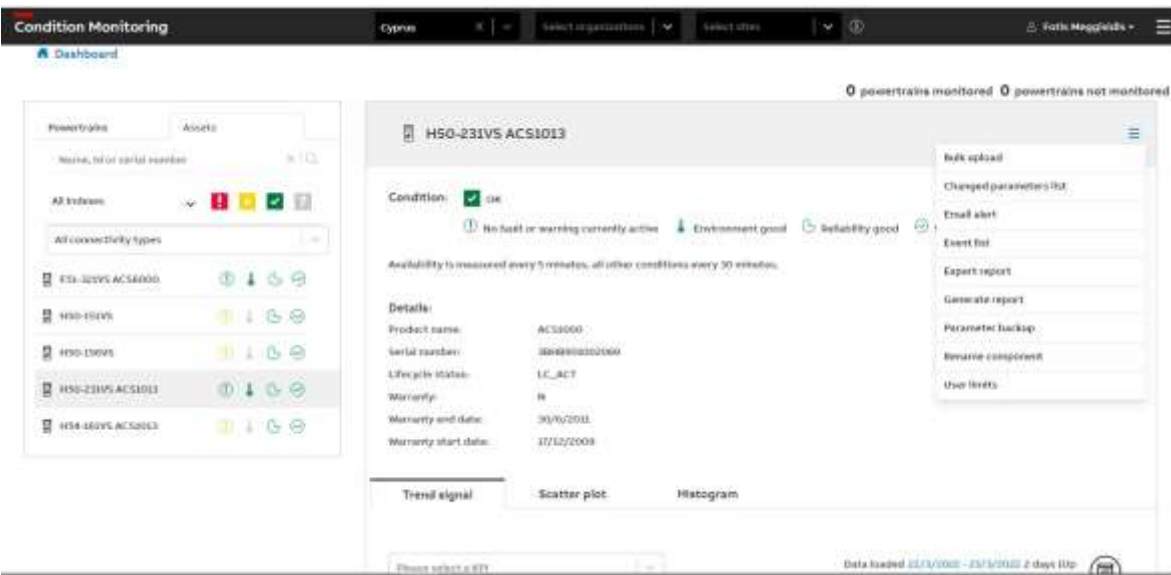




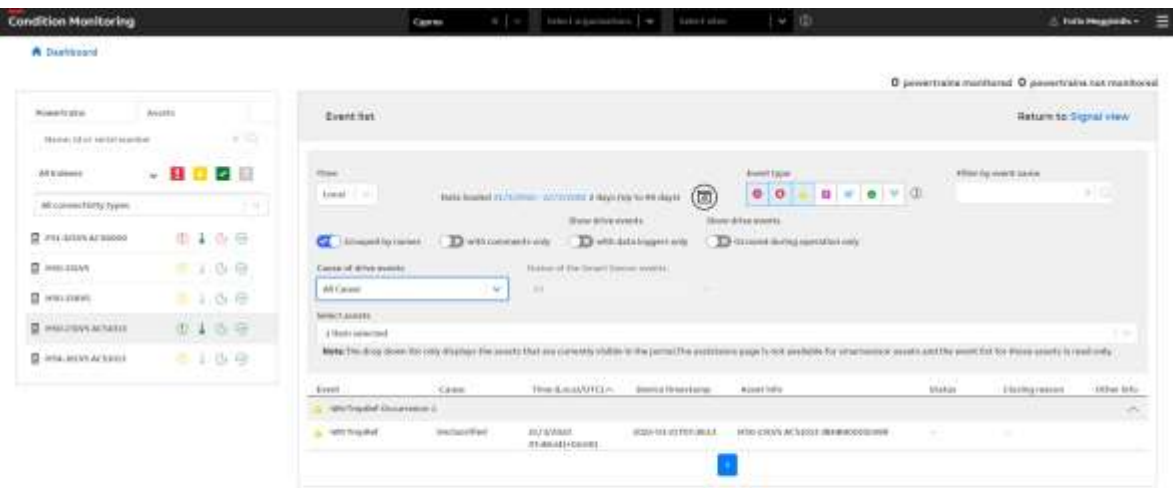
Condition Monitoring Tool View

Condition Monitoring tool overview

Drive selection from the installed base



Event list view



ABB