

# ABB drives Remote Condition Monitoring helps in maintenance planning and improves risk management

Innovative service enabled by the Internet of Things, Services and People (IoTSP) delivers accurate, real-time information about drive events and helps to predict maintenance needs, operational risks and possible system faults. It will allow equipment to perform better and last longer—keeping production running as planned.

ABB, the leading power and automation technology group, will be showcasing its new, customizable drives Remote Condition Monitoring service at this year's Hanover Fair. This service helps in predictive maintenance planning by utilizing remote data. It includes an expert analysis report on the drive's condition and proactive e-mail alerts regarding potential faults or limited availability, ensuring that equipment is available, reliable and maintainable.

In industries in which equipment downtime is extremely costly, new solutions are needed to assess future risks. Since drive performance data is readily available, making use of this information to find out how equipment operates and why it could fail can let users maximize drive performance and extend its lifetime. ABB's Remote Condition Monitoring goes a step further by using remote data to identify early signs of possible system failures or production problems.

"Remote Condition Monitoring is a great tool to enable the end user to optimize maintenance schedules. This new service, which uncovers opportunities for improvement that save both time and money, is the best way to move towards an information-based maintenance strategy," says global service manager Jaana Kivelä. For instance, the service can spot overheating, which could cause unplanned production breaks and eventually damage the drive. It can also prevent some semiconductor faults.

After the monitoring need has been assessed, an ABB expert will discuss the set up that is most relevant to the user's objectives. Services can be tailored to meet specific needs.

Once a personal account has been created on the myABB Customer Portal, users will be able to monitor live data such as availability, condition, operating parameters and fault events on their laptops, desktops and mobile devices. Customized performance reports with clear charts and graphs can also be generated.

To learn how Remote Condition Monitoring can reveal your drive's true potential, visit ABB at Stand A35 in Hall 11 at the Hanover Fair, April 25 – 29, 2016.

ABB ([www.abb.com](http://www.abb.com)) is a leader in power and automation technologies that enable utility, industry and transport and infrastructure customers to improve their performance while lowering environmental impact. The ABB Group of companies operates in roughly 100 countries and employs about 135,000 people.

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