

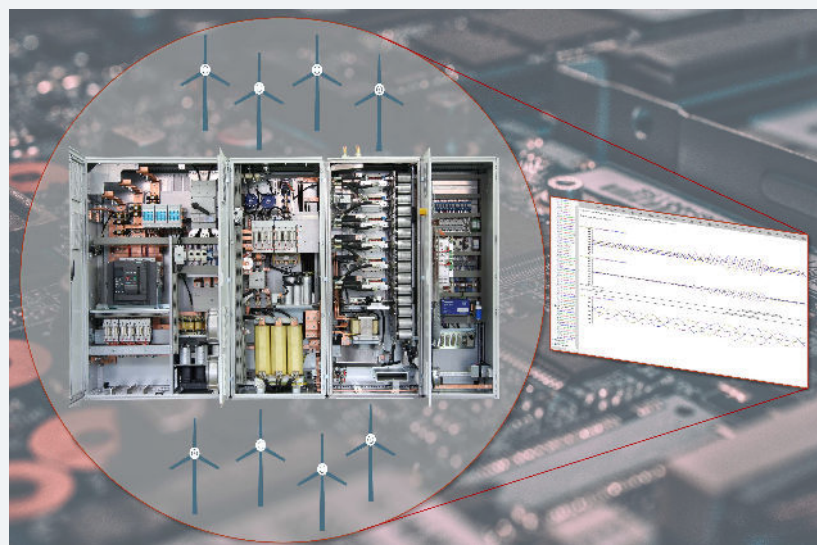


## MANAGING WIND PARKS IS A **CHALLENGE** DUE TO THE **COMPLEXITY** OF THE SYSTEM.

Availability and accessibility of data supports the decision-making process of service providers and asset owners.

The converter as one of the main components of the electrical drivetrain is equipped with sensors for control purposes as well as detailed status information.

ConverterTec's **OneAccess** is our Condition Monitoring Solution that enables full data access and enables operational decision making – databased.



OneAccess

# Enabeling Databased Decision Making



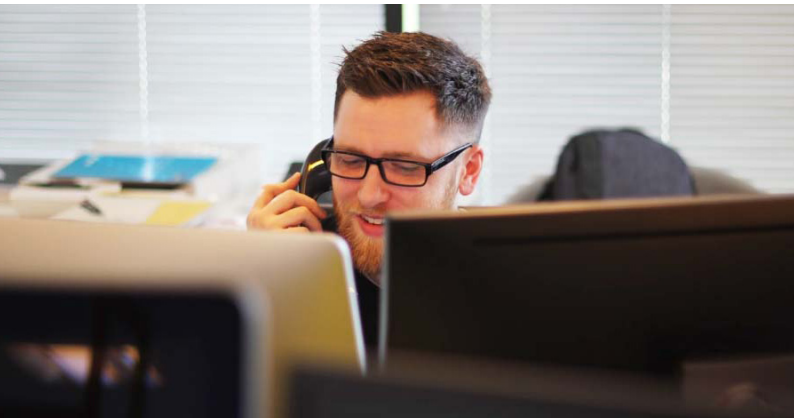
**OneAccess** can be integrated into your existing IT infrastructure as data will be provides via a defined interface. This information makes your turbine operation more transparent and your decision-making more reliable - **saving your money**.

Insights gained in combination with cloud-based online tooling to analyze a converter and the ability to compare specific information with other installations or an entire park support your service processes.

The sensor data from the converter are recorded and evaluated almost in real-time. Analysis of this data can indicate the overall health status of the turbine and provide an early warning of impending faults – down to the component level. In addition **ConverterTec OneAccess** enables you to draw appropriate conclusions.

An artificial intelligence-based data evaluation allow you to recognize and eliminate minimal variance in the behavior of the complete converter system before a failure might occur. This approach offers seamless availability of a converter´s relevant information and online data analytics. The number of turbines to be moitored may vary from few to several thousand - the cloud based system is cost-efficient as it scales easily according to your needs.

**OneAccess** provides you with the necessary access to detailed real information with a resultion in the range of seconds in order to initiate optimizations to improve your yields as quickly as possible or to organize the stocking of spare parts in good time in the event of an increased probability of failure.



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