



The future of wind power condition monitoring

Spectris Advance is the Industry 4.0 IIoT solution



As a machine condition monitoring company at the forefront of technology, Brüel & Kjær Vibro is a core contributor to the Spectris Advance programme.

Spectris Advance is the Industry 4.0 IIoT solution that:

- **Helps your business save time and money**
- **Focuses your data to drive smarter decisions**
- **Provides the tools to inform teams across your organisation**
- **Puts you in total control**

Spectris Advance Wind Power delivers the digitally-driven solutions to solve the unique challenges faced when managing wind assets. Services include automatic fault detection, remaining useful life prediction, statistical analysis and machine learning. Results can be shared seamlessly with a broad spectrum of users, giving customers the opportunity to reap more benefits from their production assets.



Brüel & Kjær Vibro
a spectris company



A technology leader for more than 60 years, Brüel & Kjær Vibro is the world's leading independent supplier of knowledge-based condition monitoring solutions for rotating machinery.

With turnkey systems suited to many different types of wind turbine generators, our ground-breaking solutions for remote monitoring are used in hundreds of wind power facilities.

Based on our decades of experience and a global sales and support network, Brüel & Kjær Vibro's flexible monitoring packages have successfully reduced downtime and maintenance costs and increased machine reliability for wind power customers worldwide.

spectris | ADVANCE



A leading supplier of productivity enhancing instrumentation and controls, Spectris plc operates recognised brands and award-winning products across key industrial markets.

Spectris Advance combines the formidable domain expertise, products and services of Spectris businesses to provide users with vertically-focused solutions, applying the power of the entire Spectris portfolio to your most pressing business needs.

Wind power customers can achieve better data insights on the condition of wind turbines and towers, allowing better operating and maintenance decisions in real time.

Spectris Advance Wind Power not only delivers data, but also the intelligence to help you understand what that data really means.

Data. Intelligence. Results.

Advance your business with Spectris Advance.



Benefits for wind power customers

By combining Brüel & Kjær Vibro's innovative condition monitoring technology with the cloud-based software services of our partner companies, Spectris Advance is able to provide:

- A complete solution for independent monitoring of turbines across the wind farm
- Advanced condition monitoring and analytics for turbine drivetrains
- Instant access to real-time wind turbine data
- Real-time optical monitoring for wind blade systems

Customers benefit from early fault detection, predictive maintenance and automated services, all aimed at increasing turbine uptime and effectiveness.

Work better, faster and more efficiently, with data-driven decisions. Start your journey with us today.

▶ spectrisadvance.com