Utilizing data for a better future

Bently Nevada
a Baker Hughes business

Get smarter insights from your data with Bently Nevada's asset condition monitoring solutions.

Discrete Manufacturing

Only data has the potential to improve already lean manufacturing processes. Implementing a tailored condition monitoring program can offer significant value by realizing the potential of your data to create insights that lead to better decisions to reach your goals.

Why choose Bently Nevada?

Our solutions enable improved uptime and efficiency for the Discrete Manufacturing industry with:

Smarter insights from better data.

The power of predictive maintenance.

Condition monitoring expertise.

60+ years
of condition monitoring experience with high-risk customer operations in oil and gas, power generation and other industries.

6,000,000
Sensor monitoring points installed globally, providing valuable data. Our solutions collect and provide insights from that data, enabling better decision-making.

160+
Expert machinery diagnostic engineers worldwide, supporting customers' condition monitoring programs with onsite and remote diagnostic capabilities.

Discrete Manufacturing Challenges

~ 966 PB+
(Petabytes) of data stored by discrete manufacturers– more than any other industry.. much of that data remains underutilized.[1]

Reduce product development time and get products to consumers quicker

Reduce operations costs while maintaining strict safety and environmental procedures

Ensure process and plant reliability in the face of a predicted **50% loss** of experienced workforce in the next 5-10 years

A Bently Nevada solution gives you:

- Reliable data acquisition, at the right time, and at the right frequency with repeatability and accuracy

- Analytics and Dashboards to provide role based visibility to your workforce for effective decision making

- Historical and real time asset condition data for efficient decision making

- Condition monitoring for all type of machines

- Flexible architecture with centralized, distributed and wireless solutions to get you the data you need for best in class condition based maintenance

Changing the industry with plantwide connected technology

Connecting machines, data and people across your operation for better outcomes.

Intelligent machines

Advanced technology sensors capture valuable data from your machines in real time and offer asset condition monitoring and early warning detection enabling smart and informed maintenance decisions.

Advanced analytics

Software with embedded knowledge connects your data to offer the analytics and insights you need for better decision-making.

People at work

Flexible, easy-to-use, intuitive interfaces allow for easier training and greater labor productivity in your operations.

Our products and services

SCOUT200 series

Easily collect data. An advanced portable vibration data collector that measures and collects vibration data from your assets, utilizing smartphone technology.

vbOnline Pro

Monitor your asset health. A mounted monitor that measures vibration data and categorizes it by machine operating state.

2300 vibration monitor series

Protect and monitor your assets. A two-channel vibration monitor with speed or a process parameter to monitor asset condition that provides automatic warning or shutdown relays.

Orbit 60 Series machinery monitoring system

Built on a fully distributable architecture that allows you to monitor all your assets regardless of complexity or location and is intrinsically cyber secure. Orbit 60 is the future of machinery condition monitoring

System 1

Gain unparalleled operational clarity and context System 1 offers plant-wide condition monitoring insights to reduce risk, increase productivity, and minimize unplanned downtime. The platform lays the foundation for modernized operations by unifying machine data into a single platform.

Best-in-class service and support

To ensure our customers get the greatest value from our product solutions, we offer a complete range of service and support options to strengthen your condition monitoring program.

Want to learn more?
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