

# Utilizing data for a better future

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.<sup>1</sup>

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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