System 1
Plant-wide monitoring with clarity and context for complex manufacturing businesses

Your business has challenges

Your assets are well understood but in fragments
Your knowledge can be extensive but hard to leverage and transfer
Your insights are tough to deploy and scale across your plant and beyond
Your priorities can conflict with your asset strategies

System 1 brings it all together

An asset condition monitoring solution for nearly every industry

Oil and Gas
Upstream offshore
Upstream onshore
Pipelines
LNG
Refining
Petrochemical

Power
Wind
Hydro
Fossil
Nuclear

General Industry
Fertilizer
Steel
Mining
Pulp and paper
Marine
Food and beverage
Automotive

System 1’s comprehensive capabilities

Visualization
Desktop app
Plant and machine HMI, trend analysis, diagnostics, alarm management, case history

Web app
Fleet awareness, first line analysis

Global view

Analytics
Core
CM alarming, state analysis, core extractions
Decision Support
Custom algorithms, advanced extractions
Machinery paks
Thermodynamic performance, predictive emissions

Connectivity
Secure OT/IT Data Transfer
Comprehensive Asset Health Data
Collect Vibration, Control, Process, and Emissions Data in a single platform
Extensive Data Interfaces
Online, Wireless, Scanning, Portable, and Industrial Protocol Sources
Tested, trusted, and built on a legacy of Bently Nevada machinery know-how and customer engagement

- 20 years on the market as a pioneer in machinery condition monitoring software
- The result of input from 400 end users in ~35 of the biggest industrial companies in the world across 15 countries and 50 sites
- 12 remote monitoring centers
- Over 10,000 System 1 users
- 300 field and diagnostic engineers to provide unmatched support worldwide

Seamless plant-wide monitoring that connects processes and assets so you can run without unplanned downtime

Bently Connect: all the power of System 1 plant-wide condition monitoring at a lower cost of ownership

- Full benefits of well-managed condition monitoring system with less infrastructure
- Lower total cost of ownership (no servers, IT personnel needed)
- System 1 software connects real-time and historical data from any type of equipment to help identify machinery failures before they occur
- System 1’s simple and intuitive interface enables users to create, manage and fully leverage plant-wide machinery condition monitoring programs
- Data is secure and compliant with industry and regional cybersecurity standards
- Customer retains ownership of the data

System 1 and Decision Support: supplying information from the edge to the cloud

- Gain new insight into equipment and process behavior
- Reduce time spent performing manual diagnostics
- Use Decision Support rules to qualify and derive data for root cause analysis associated with simple or complex scenarios
- Capture, document, and share knowledge