Unparalleled insights for operational efficiency

System 1, a powerful condition monitoring platform enabling industrial digital connectivity

BENTLY NEVADA BY THE NUMBERS
Proven leaders in condition monitoring solutions

- 60+ Years of machinery protection and condition monitoring
- 6M+ sensors in use
- 300,000+ monitoring devices in use
- 600+ patents

Key vulnerabilities from legacy maintenance techniques
Disconnected and disparate monitoring technologies don’t provide a holistic plant-wide view resulting in decreased ROI from factors such as:

- Machine failure and unplanned downtime
- Lost production
- Insufficient maintenance activities
- Compromised personnel safety
- Escalating environmental hazards

The unexpected costs of unplanned downtime
Unplanned downtime costs $22,000 per minute on average and unplanned maintenance costs 2-5 times more than planned maintenance

- Wasted Resources
- Lower Quality
- Higher Energy
- Over Maintained

Experienced maintenance workforce retiring en masse

- 1 in 4 multi-skilled maintenance professionals currently eligible for retirement
- 50% of workforce to retire in the next 5 to 10 years

- Essential insights generated via powerful plant-wide monitoring technology can help bridge the skills and efficiency gap created by an aging workforce

The complete System 1 solution

Embrace connectivity to reduce costs and improve ROI
System 1 lays the foundation for modernized operations by unifying machine data into a single platform. Key benefits include:

- Collect data at sub-second rates from any asset
- Secure OT/IT transfer of all asset data
- Integrate into existing systems using OPC import and export capabilities
- Eliminate data silos

Workspace mapping to deliver predictive machine insights
- Custom rules for machines and/or process conditions
- Online thermodynamic performance monitoring

Single source of truth for plant-wide insights
- Easy visual navigation of entire plant system for efficient response to events
- Exceptional diagnostic capabilities

- 10,000+ System 1 Users
- 20 years on the market
- 8 Remote Monitoring Centers
- 300 Field & Diagnostics Engineers provide unparalleled support

“We are using it (System 1) to proactively detect early trends. Along with this, we are using it to schedule our maintenance conditionally. We have extended outages from 6 years to 10 years on some of our equipment.”

- Invista

Connectivity
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- Secure OT/IT transfer of all asset data
- Integrate into existing systems using OPC import and export capabilities
- Eliminate data silos

Analytics
- Workspace mapping to deliver predictive machine insights
- Custom rules for machines and/or process conditions
- Online thermodynamic performance monitoring

Visualization
- Single source of truth for plant-wide insights
- Easy visual navigation of entire plant system for efficient response to events
- Exceptional diagnostic capabilities

Want to learn more?
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