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 holistic plant-wide view resulting in decreased ROI from factors such as

- Machine failures and unanticipated downtime
- Lost production
- Inefficient maintenance activities
- Compromised personnel safety
- Insufficient 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

- Lower Quality
- Higher Energy Over Maintained
- Wasted Resources
- Lost Production
- Safety Risks

Experience 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:

- Remove plant blind spots
- Mitigate risks and vulnerabilities
- Seamlessly share performance insights across enterprise
- Improve interdependencies
- Connect disparate data sources into holistic enterprise-wide view
- Strategically leverage expertise
- Digitally transform your operations

The complete System 1 solution

CONNECTIVITY
- Collect data at sub-second rates from any asset
- Overview 100% of all asset data
- Integrate into existing data systems using OPC import and export capabilities
- Utilize data insights

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

10,000+ System 1 Users
20 years on the market
12 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

Embrace connectivity to reduce costs and improve ROI

The complete System 1 solution