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 during unexpected downtime
- Lost production
- Compromised personnel safety
- Insufficient maintenance activities
- Inefficient spare parts management

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

- Lost production
- Inefficient maintenance activities
- Escalating environmental hazards
- Wasted resources
- Safety risks

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

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:

- Remove plant blind spots
- Mitigate risks and vulnerabilities
- Seamlessly share performance insights across enterprise
- 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
- Secure 24/7/365 availability of all asset data
- Integrate into existing data systems using OPC import and export capabilities
- Provide ultimate data access

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

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