

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 plantwide view resulting in **decreased ROI** from factors such as



Machine failure and unexpected downtime



Lost production



Inefficient maintenance activities



Inefficient spare parts management



Compromised personnel safety

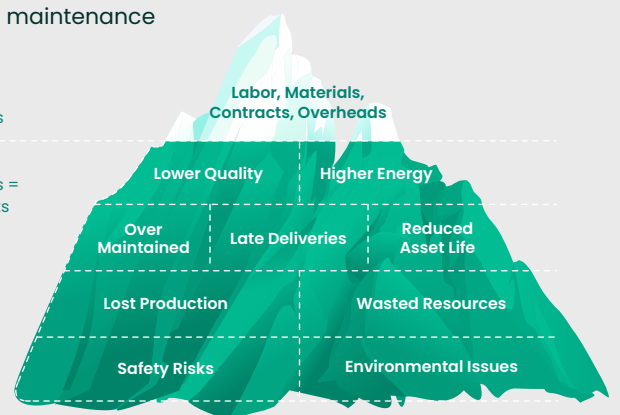


Escalating environmental hazards

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

Direct (traditional) maintenance costs
Indirect (hidden) maintenance costs = up to 5x direct costs



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

“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

The complete System 1 solution



CONNECTIVITY

- Collect data at sub-second rates from any asset
- Secure OT/IT transfer of all asset data
- Integrate into existing data 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

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
- Improve interdependencies
- Connect disparate data sources into holistic enterprise-wide view
- Strategically leverage expertise
- Digitally transform your operations

10,000+

System 1 users

20 years

on the market

8

Remote Monitoring Centers

300

Field & Diagnostics Engineers provide unparalleled support

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