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.

- **600+** patents
- **300,000+** monitoring devices in use
- **6M+** sensors in use

**Experience in Nevada: By the Numbers**

60+ Years

6M+ sensors in use

300,000+ monitoring devices in use

600+ patents

**Proven leaders in condition monitoring solutions**

- **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

Embrace connectivity to reduce costs and improve ROI

System 1 lays the foundation for modernized operations by unifying machinery data into a single platform. Key benefits include:

**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

**The complete System 1 solution**

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

Want to learn more?
bently.com