How Remote Condition Monitoring Sustains Manufacturing Outcomes
Benefiting oil & gas, energy and industrial manufacturing industries

What is remote condition monitoring and diagnostics?

Expert machinery monitoring, diagnostics, and performance analytics are performed offsite and delivered remotely via secure connections to provide timely and actionable insights that help teams improve operations, mitigate unplanned downtime, and bridge onsite personnel gaps.

Global trends require new ways of thinking and operating

- Refining
- Upstream Oil & Gas
- Power
- Petrochemical
- Metals
- Pulp & Paper
- Mining & Aggregate
- Wastewater Treatment
- Metalworking
- Power Generation
- Process Industries
- Rail
- Wastewater Treatment

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Four key service offerings

Setup & Baseline
- Establish asset health baseline
- Configure software alarms for early problem identification

Monitor & Diagnose
- Problem identification and event management
- Issue resolution

Optimize & Tune
- Proactive tuning to limit nuisance alarms

Data Auditing and Reports
- Exception reporting for all system health alarms (software, hardware, machinery)
- Pre/post outage system health reviews
- Customer KPI reviews

Get up & running

- Avoided cost from lost production, secondary process & equipment damage
- Typical reduction in non-actionable alarms & events

Stay healthy & optimized

- Cost reduction for planned maintenance outages vs unplanned downtime
- Critical protection transducers & channels validated & healthy

Maximize outcomes

- 100% ROI
- A single machine save often results in complete RMaaS contract payback
- 4–10X+ Current monitoring contract ROI’s
- $15–25K Annual IT-related savings with hosted option

Offsite remote monitoring provides onsite results

Up to $1M/day Avoided cost from lost production, secondary process & equipment damage

>90% Typical reduction in non-actionable alarms & events

Bently Nevada is a remote condition monitoring partner you can trust

Want to learn more?
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