Bently HOST
Peace-of-mind for your asset health management needs

Bently Hosted Outcome Services Technology

Bently HOST™ offers our world renowned remote monitoring and diagnostics service powered by System 1 as an OPEX managed monthly enrollment.

Get proactive, data-driven asset health management insights to enable smarter O&M decisions, avoid costly plant downtime, optimize O&M costs, and improve operational safety.

Asset condition monitoring is at the core of a predictive maintenance strategy, helping those in industrial organizations mitigate maintenance blind spots that expose their operations to significant financial, personnel, and environmental risks. But implementing effective condition monitoring programs may be prohibitively expensive for many industrial operators due to a high cost of entry in infrastructure investments and dedicated skilled resources.

Bently HOST allows you to benefit from the decades of domain expertise embedded in our best-in-class plantwide condition monitoring software—System 1. Leveraging our domain expertise over hosted software, your organization can now realize the full value of asset condition monitoring programs without CAPEX investment.

Bently Nevada has been helping protect and manage industrial assets for over 60 years. With Bently HOST, you will get real-time insights on your asset’s health and related change management recommendations.

Focused on your outcomes

A well-managed condition monitoring program requires significant investment and ongoing resources to support it. With Bently HOST, condition monitoring is more accessible to those without large IT budgets and skilled resources, reducing total cost of ownership.

We improve asset availability and reliability by effective implementation of a predictive maintenance strategy. Remove barriers to achieving maintenance excellence and help you realize outcomes without large CAPEX investment.

Flexible, scalable, and secure

Bently HOST users can realize the benefit of premier condition monitoring in a way that scales to their operations. Setup is easy and quick, with little to no downtime of your plant systems while we host the System 1 software on our IT infrastructure. Our service models are flexible and scalable, with remote monitoring partnerships to fit all operations and budgets. Start small and expand as your need for condition monitoring grows.

Bently Nevada protects the integrity and confidentiality of your data. Bently HOST meets or exceeds standards, including the ISO 27000 series, NERC, NIST 800, NESA, and IEC 62443.
How it works
Bently Nevada will work with you at all stages of solution deployment to ensure your peace of mind and quick go-live time.

1. Condition monitoring—edge devices
   • Connect your existing transducers and monitoring systems to System 1
   • Enhance management of your plantwide assets with easy to install additional condition monitoring solutions

2. Connectivity
   • Requires VPN router and good internet connectivity (3G, 4G, etc.)
   • Easy setup of secure data routing just like your home TV box

3. Data hosting
   • Bently Nevada hosted IT infrastructure with System 1 and guaranteed uptime
   • Data hosted per your usage permission and ensuring full confidentiality

4. RM&D outcomes
   • All-in-one monthly subscription for hosted infrastructure, software, and asset health management services

Choose Predictive or Preventive Asset Management Outcomes

Insurance agencies, local regulations, and QMS compliance for ISO certifications, often mandate periodic asset condition data collection and monitoring. Such periodic condition monitoring approach however is often insufficient to proactively manage events within the P-F curve*. Hence, many organizations have pivoted to more frequent data sampling and analysis by exception. We have carefully designed the two Bently HOST offerings to best manage your asset maintenance strategy.

Both packages include enablement services as follows:
• Consultancy for necessary on-site connectivity devices, network, and data transfer requirements

1. Predictive Asset Health Management
   Achieve your KPIs for O&M excellence by implementing an efficient asset condition monitoring strategy. This includes:
   • Initial baseline asset health audit and recommendations
   • Continuous exception-based analysis of condition monitoring alerts
   • Incident-based asset health report and recommendations

2. Preventive Asset Health Management
   Achieve your KPIs for a preventive asset management strategy with periodic asset health audits. This includes:
   • Initial baseline asset health audit and recommendations
   • Periodic audits of asset health and recommendations to best fit your preventive maintenance requirements
   • You decide the frequency of periodic audits

* P-F curve: potential failure to functional failure curve, as referred in asset reliability studies

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