



Integrated Asset Performance Management

Seamless management of asset strategy & health

SOLUTION BRIEF

Connecting asset condition and strategy to work execution

When it comes to Asset Performance Management (APM), most organizations share the same goal which is to extract the required performance from their assets, at the lowest cost and within the accepted risk profile. To achieve this goal, it's critical to:

1. Set an optimal asset care plan to minimize the costs, manage the risk, and deliver the required performance
2. Execute the care plan as efficiently as possible and capture history of the work completed
3. Monitor the condition of assets to ensure they are operating in alignment with the dynamic operating context and care plan and to identify impending failures and trigger any corrective actions

Many organizations are doing these three things to some degree already. However, they're often approached in a siloed manner. On one side is Asset Strategy Management (ASM) which ensures the asset care plan is always in alignment with the current operating context, environment, and asset age and condition.

On the other side is Asset Condition Monitoring (ACM) which detects impending failure and early-stage degradation, triggering the need for appropriate corrective actions to prevent long-term, expensive asset repairs.

Then, at the centre of most asset management functions is work execution management supported by an Enterprise Asset Management (EAM) application.



Increased performance



Informed priorities



Drive focus and ROI

Key business benefits of Integrated APM



True asset health & risk visualization

Integrated APM provides a complete view of asset health and risk, accounting for asset age, operating condition, maintenance plans, and maintenance compliance. The insights gained provide a sound foundation for data-driven performance management, helping organizations prioritize activities to manage cost and risk.



Predictable performance

Creating a seamless connection between asset condition, strategy, and execution supports the management of unplanned costs, the mitigation of risk, and avoidance of catastrophic failure. It can also support the lowest cost maintenance plans for each asset.



Continuous improvement

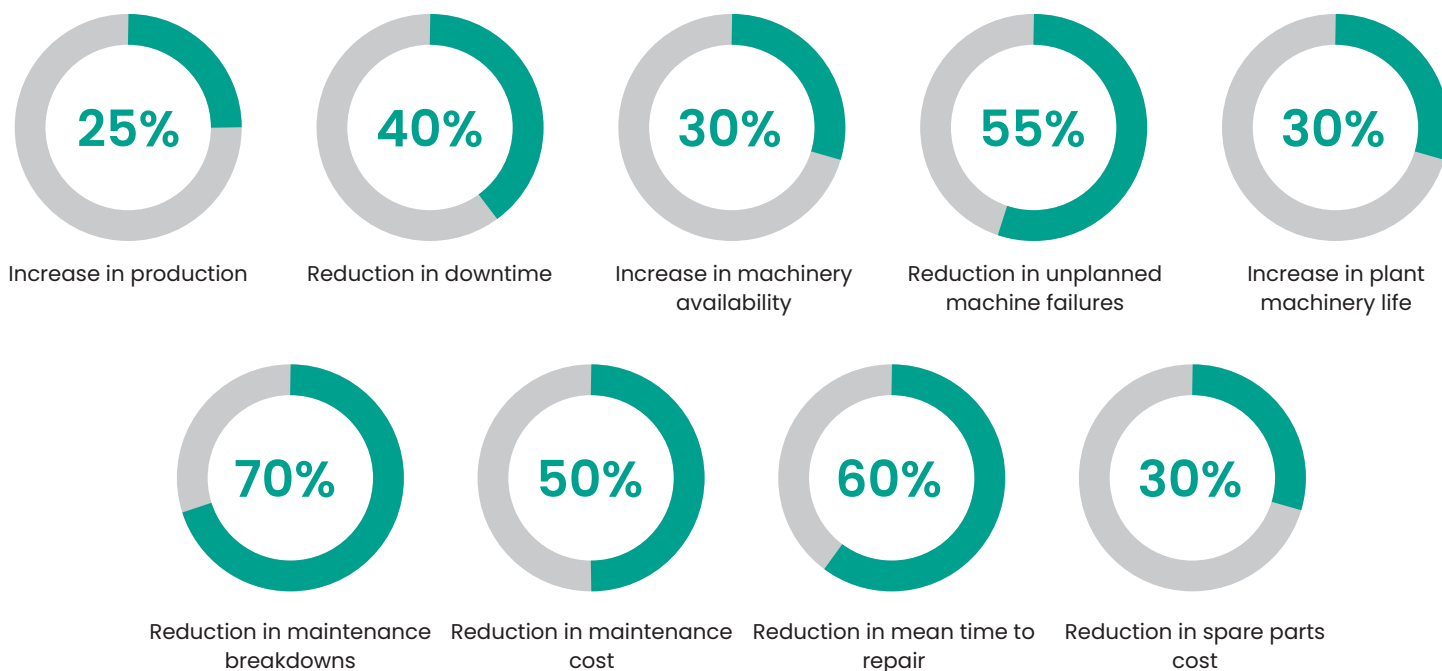
With ASM and ACM processes connected and established, any operating context or asset changes can be reflected in asset strategies and monitoring applications in real-time, creating a dynamic and agile approach to equipment maintenance and reliability, in sync with operational goals. Connection to the EAM application and work management process drives changes through to work execution in the field.



Increased productivity

Integrated APM helps organizations to maximize and sustain realization of efficiencies and productivity increase through intelligent, real-time, and risk-based reliability management.

Improved business outcomes



Why Bently Nevada?

Bently Nevada's approach to Integrated APM is to digitally connect the traditional siloed functions of asset management, creating an integrated platform which enables organizations to demonstrate compliance, reduce risk, manage costs, and deliver predictable performance.

Our Integrated APM solution is underpinned by an asset condition monitoring heritage that spans a proven hardware and software portfolio as well as our asset strategy management expertise across equipment reliability, maintenance plan optimization, and root cause analysis.

The Integrated APM solution is supported by extensive documented equipment monitoring knowledge, a comprehensive failure mode library, our experienced global services team, and a comprehensive training portfolio.