BROCHURE

Octave Attune APM

Driving business success through asset performance management

What is asset performance management?

As defined by independent research and advisory firm Verdantix, APM encompasses "industrial software applications and associated asset content that monitor operational data, predict asset failures, and synchronize with maintenance systems to generate insights that help optimize operations reliability, prioritize repairs, plan inspections and enhance asset risk management."

Organizations see APM as an essential business driver, predominantly for four reasons:



Cost optimization

Predictive maintenance helps organizations get ahead of failures before they happen, reducing emergency repairs and keeping maintenance spend in check.



Throughput

Monitoring asset health in real time means fewer unplanned outages and more consistent production – keeping operations running when it matters most.



Sustainability

APM gives organizations visibility into energy consumption and waste, making it easier to track and hit environmental targets.



Productivity

When asset knowledge is captured and shared rather than locked in people's heads, teams spend less time reinventing the wheel and more time acting on it.

A modern APM solution ties these priorities together – connecting asset strategy to maintenance systems, operational data and the people who act on it.



Attune APM drives proactive asset management

Octave Attune APM (formerly HxGN APM) helps industrial organizations balance performance, cost and risk across their asset base. It drives a proactive work process — assessing and prioritizing asset risk exposure, protecting against known failure modes, and keeping a continuous watch on asset condition and performance so teams can act before problems escalate.

That process runs on four elements:

Ease-of-use

Designed to simplify processes, engage experts and drive improvement.

Enterprise data integration

Connect with existing business systems (EAM, inspection systems, sensors, historians, data lakes, etc.) to create automated workflows.

Embedded libraries and asset twin

Models promote reuse and rapid scaling of strategies across operations, enabling immediate implementation.

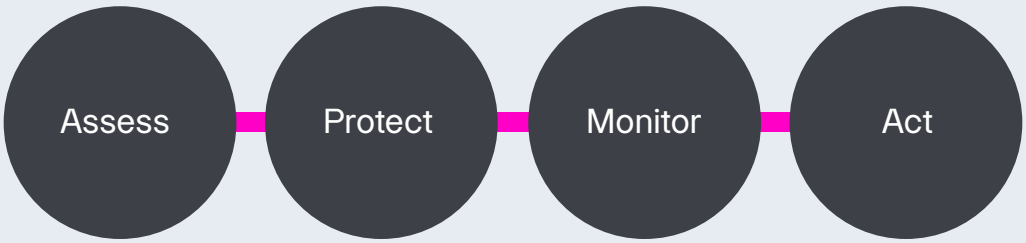
Collaboration tools

Tap into your team's knowledge – capturing expert insight for better failure risk decisions and lessons learned.

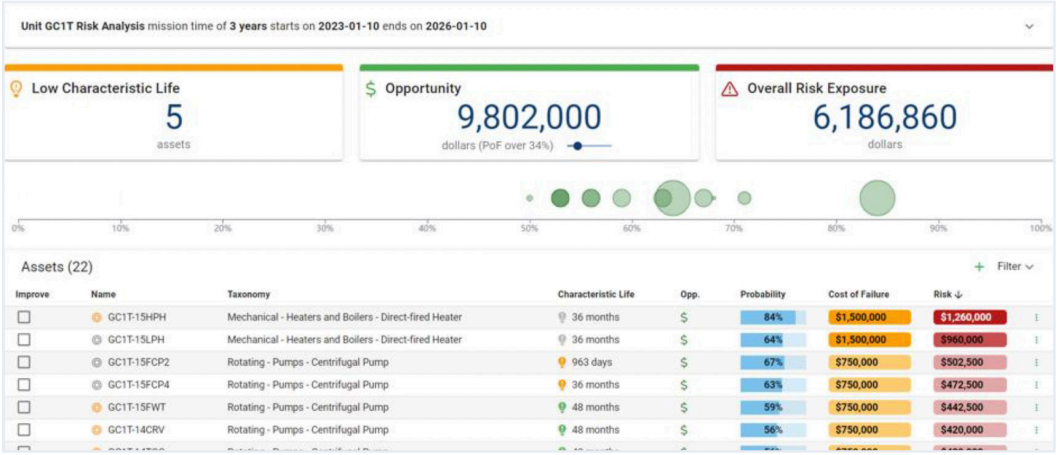
"Attune APM offers an advanced analytical and optimization engine to solutions like Octave Attune EAM, InConcert and Tempo Operations Management. This operationalizes asset strategies that carefully strike a balance between performance, cost and risk, which aligns with Octave's commitment to driving sustainable, data-driven transformations in asset-intensive industries."

Inderpreet Shoker
Director of Research at ARC Advisory

Now, let's take a closer look at Attune APM's standard workflow, including its four main steps, featured below:



Assess risk



Attune APM uniquely assesses failure risks on pivotal assets. It spotlights the riskiest assets, compares performance against industry standards and calculates risk impact to focus on asset strategy optimization.

Protect the asset



Attune APM equips users to create, import, or select asset strategies from its embedded library, strengthening asset protection. It goes beyond mere strategy selection by uniquely operationalizing these strategies within minutes, not weeks—dramatically accelerating time-to-value compared to other APM solutions. At the core of Attune APM are advanced information management capabilities, featuring machine learning models.

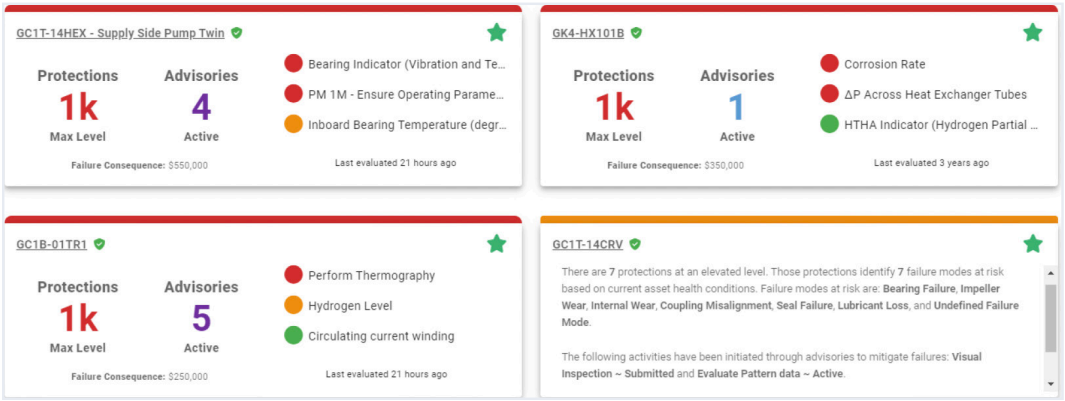
Users can easily train and simulate these models to determine optimal asset operating contexts. This combination lets professionals apply their expertise more effectively, leading to higher-quality decisions made with greater confidence. By streamlining the process from strategy selection to implementation and optimization, Attune APM sets a new standard in the APM market for rapid, intelligent and impactful asset management.

Monitor the twin



Attune APM integrates existing data and applies analytics to identify emerging threats, offering immediate asset health reports, anomaly detection and potential failure warnings. Attune APM has the unique ability to gather evidence of faults, defects and anomalies. It is purpose-built to generate advisories based on collected evidence, that serves up all the information human experts need to apply their judgment and make decisions.

Act on threats



The solution's act feature fosters collaboration for risk mitigation and optimization. It handles non-conformities, automatic evidence collection and collaborative decision-making. It has the unique capability of ensuring the strategies are in place and achieving their intended results.

As the Attune APM work process is executed, it provides a lifecycle assessment of strategies, tracks remediations and encourages collaboration on corrective actions. It also catalogs best practices in the Asset Twin Library for ongoing improvement.

"I haven't seen a simpler to use, yet powerful and sophisticated APM solution."

Joe Perino
Industry Analyst at PERTEX

Organizational benefits

Up to **10%** cost reduction in annual maintenance expense spend

1-4% increased mechanical availability

Lower administrative burden then competing APM solutions

20% improvement in user experience and expert productivity

Avoid equipment downtime and unplanned events

Attune APM uses advanced analytics to assess equipment conditions and provide early warnings for predicted failures, ensuring smooth operations and preventing costly downtime.

Optimize maintenance spend

Attune APM prioritizes resources for assets posing the highest threat to business continuity, optimizing your maintenance budget by directing spending where it matters most.

Lower operational risk

Attune APM sharpens situational awareness for faster decisions on threats to equipment, personnel and sustainability, reducing operational risk and ensuring a safer workplace.

Standardize asset strategies

Attune APM standardizes asset strategies and best practices through library-driven management It centralizes failure modes, maintenance plans and recommended monitoring activities into a consistent operational repository, reducing variability and improving efficiency.

Want a clear picture of your asset risk? Try Octave Asset Risk Analyzer, a free tool that assesses industrial asset risks and criticalities using Attune APM's methodology.

About Octave

Octave is a leader in enterprise software, turning data into decisive action and intelligence into your edge. Our software solves for and simplifies complexity, from the design and build to operations and protection of people, property and assets – for any scope, at any scale. For decades, we've partnered with customers to sharpen performance, elevate efficiency and amplify results. From factory floors to entire cities, our solutions are tuned to scale up what's possible from day one onward.

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