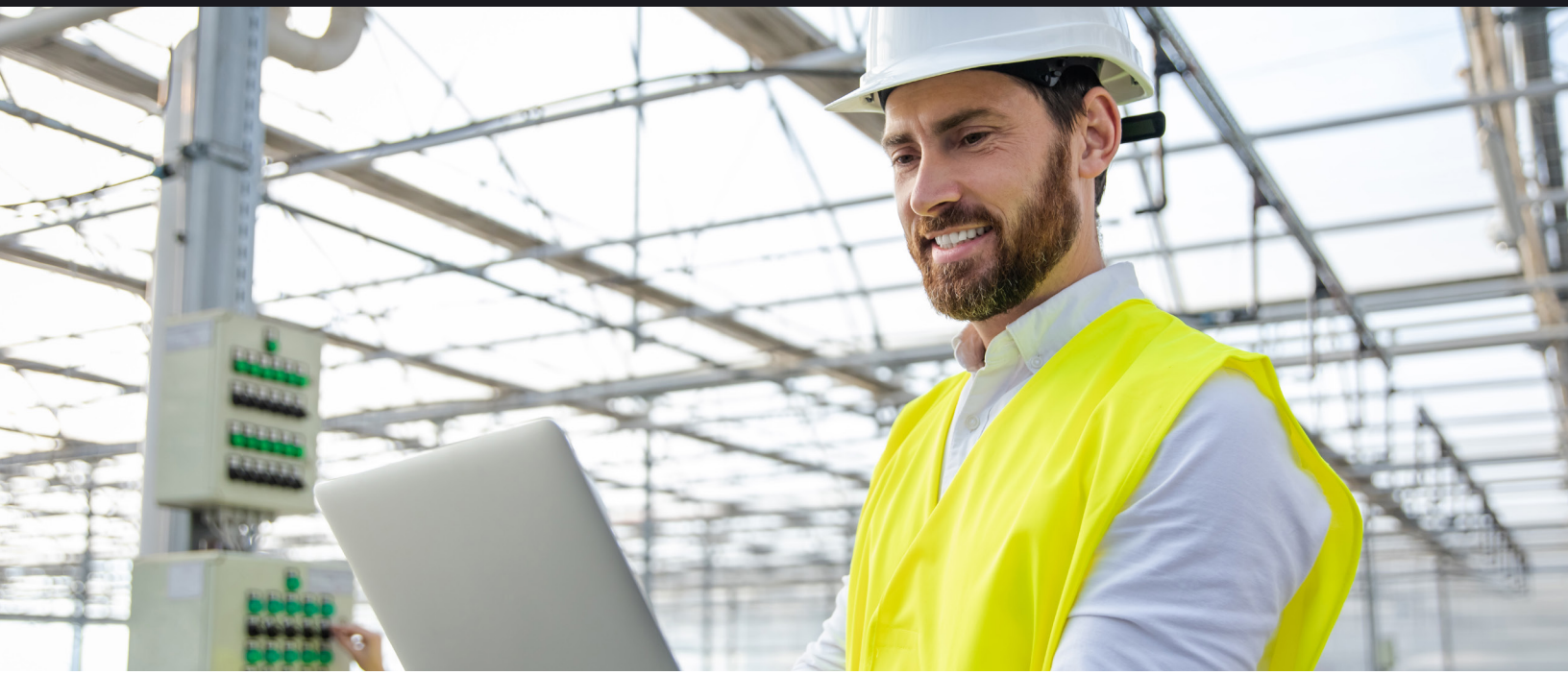
SOLUTION SHEET

Octave Asset Risk Analyzer

A free solution to analyze failure risk and benchmark asset performance



Is your asset management strategy equipped to minimize risks and enhance reliability?

In every industrial setting, a running list of risk management, reliability and maintenance activities unfolds across various levels and sectors. By using Octave's Asset Risk Analyzer (formerly HxGN Asset Risk Analyzer) Tool, our free solution for failure risk analysis and asset performance benchmarking, operations and maintenance professionals can seamlessly integrate data from large populations of assets, calculating the consequence of operational risks because of equipment failure.

Asset Risk Analyzer provides visibility to risk exposure, enabling key personnel to prioritize and justify improvement opportunities effectively. Critical insights can be effortlessly shared across departments, exposing blind spots and enhancing visibility and collaboration.

Utilize Octave's Asset Risk Analyzer to quantify asset risk exposure and identify appropriate mitigation strategies.

Are you ready to elevate your visibility to asset risk, cost and performance opportunities?

Experience the capabilities of Asset Risk Analyzer for yourself. Take the first step toward a more systematic way to safely maximize predictable production and the lowest sustainable cost.

Try it for free today.

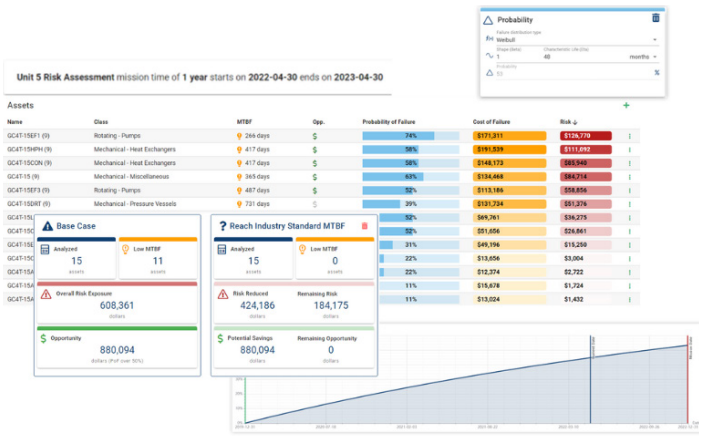
Get Started

How Asset Risk Analyzer exposes your asset risk and identifies reliability improvement opportunities

Step 1: Identify your riskiest assets

Start by determining which assets pose the most risk to your plan and quantify the opportunity for improvement.

- Start with your existing asset history
- Highlight which assets are under-performing
- Quantify the impact of unreliability
- Expose blind spots in your asset management system



Step 2: Benchmark your performance

Analyze your asset performance against industry metrics to identify improvement targets. Focus your optimization efforts on the assets not meeting reliability targets.

Step 3: Develop a risk containment plan

Set your asset risk tolerance. Identify which assets will likely cause you to exceed tolerance.

Step 4: Quantify impact and opportunity

Analyze the impacts of cost and performance over a given mission time. Run what-if scenarios to drive improvements where they'll have the biggest impact.

What's next?

Implement asset strategies to improve performance with Octave Attune APM.

Define the risk containment opportunity by selecting strategies on high-risk and poorly performing assets. Select "Asset Strategies" to ensure the adequate protections are in place to operate at a more tolerable level of risk.

By leveraging Attune APM's (formerly HxGN APM) capabilities, organizations will enhance their asset performance while effectively minimizing unnecessary risks.

Are you ready to improve equipment efficiency and business performance?

Standardize your asset strategies and lower operational risk with Attune APM.

Learn More

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.

©2026 Octave Intelligence plc and/or its subsidiaries and affiliates. All rights reserved.