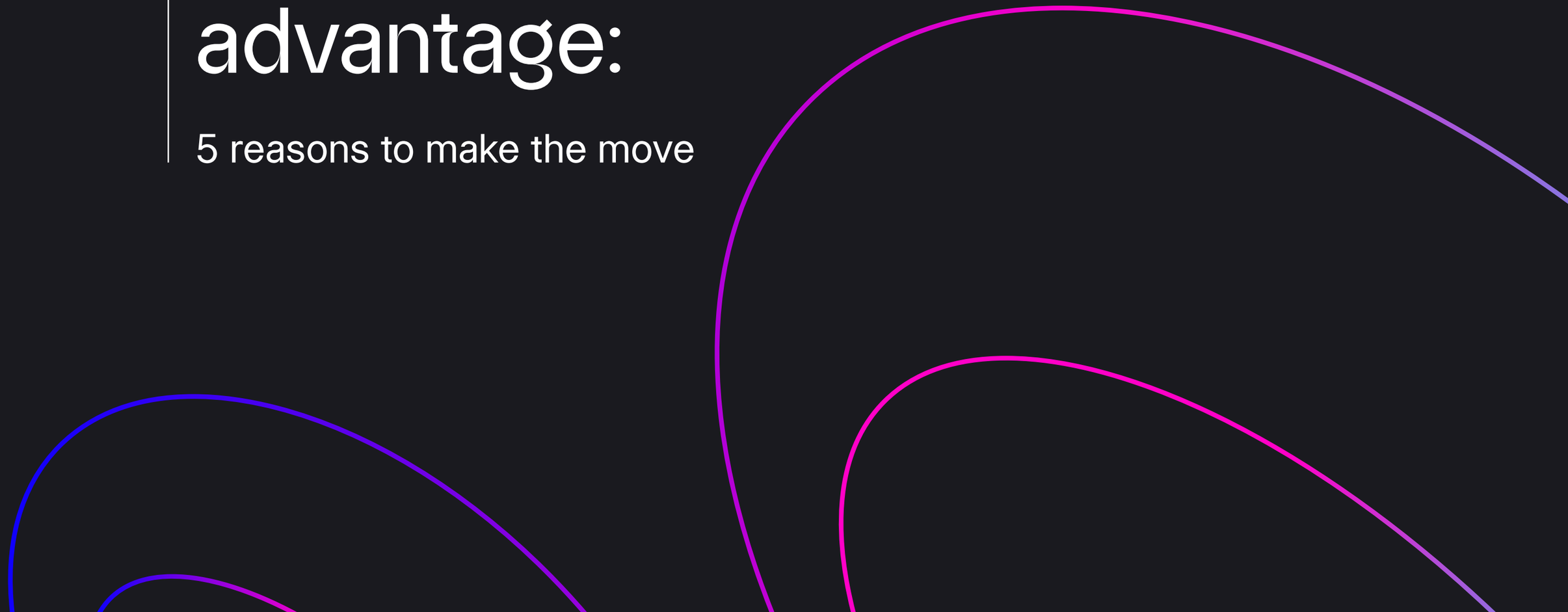
OCTAVE

EBOOK

Why enterprise asset management in the cloud is a strategic advantage:

5 reasons to make the move



When staying still puts you behind

Organizations around the world are reevaluating their enterprise asset management (EAM) strategies as they adapt to increasing pressure to modernize, automate and optimize operations. According to the recent CIO report on AI and EAM adoption, nearly seven in ten executives acknowledged that their legacy enterprise systems are limiting their organization's ability to modernize. The cloud is no longer a future consideration, it's now the platform of choice for scaling AI initiatives, streamlining operations and responding quickly to global and regional disruptions.

This eBook outlines the five strategic reasons to move EAM to the cloud today, drawing from industry analysis and real-world.

01	**Continuous innovation and AI readiness**
02	**Proactive security and built-in compliance**
03	**Predictable costs and smarter financial management**
04	**Scalability, availability and performance**
05	**Focus internal resources where they matter most**

01

REASON 1

Continuous innovation and AI readiness

Today's rapid pace of change requires infrastructure that can keep up with new technology, without overloading your internal teams.

AI without the barriers

Cloud provides the foundation for AI strategies that don't require new infrastructure or specialized teams. Tools like Octave Attune EAM Assistant (formerly HxGN Alix) are exclusive to cloud users, bringing real-time assistance, code generation and natural language queries to your Octave Attune EAM (formerly HxGN EAM) workflows.

Frequent feature delivery

Cloud customers receive hundreds of enhancements and new capabilities annually, helping them stay ahead without disruptive upgrades.

Scalable emerging tech

Digital twins, asset visualization and edge/IoT integrations are easier to deploy and maintain in a cloud-native environment. Cloud platforms are built to grow with your innovation roadmap, not limit it.

Prepared for what's next

Cloud-native solutions integrate more easily with edge devices, IoT, machine learning and analytics platforms, ensuring your systems grow with your goals.

Integration-ready architecture

Tools like Octave Databridge Pro (formerly Databridge Pro) simplify integration across your enterprise architecture and modernize workflows, helping you connect EAM to ERP, SCADA, data historians and legacy on-premise environments.

02

REASON 2

Proactive security and built-in compliance

Cloud platforms offer a level of embedded security and regulatory alignment that’s hard to match on-premise.

Defense-grade protection

Cloud environments such as AWS deliver layers of security, from physical site protection to advanced intrusion detection—far exceeding what most organizations can maintain in-house.

Built-in compliance controls

Regulations evolve; your platform should keep pace. Cloud services embed regular updates and compliance certifications (e.g., ISO, SOC, GDPR), eliminating manual tracking or retrofitting.

Resilience against disruption

With multiple availability zones and real-time backup strategies, cloud environments are designed to support faster recovery and business continuity.

Security as a shared responsibility

Cloud customers benefit from Octave and AWS’s combined cybersecurity and governance expertise, reducing internal effort and risk exposure.

Explore our compliance programs and standards

03

REASON 3

Predictable costs and smarter financial management

Beyond infrastructure savings, cloud improves financial visibility and long-term planning, making the case for migration clear to both IT and the C-suite.

Lower total cost of ownership (TCO)

Eliminate capital expenses and ongoing maintenance of hardware, data centers and system upgrades.

Shift from CapEx to OpEx

A SaaS subscription model aligns with modern budgeting practices. Costs are predictable, scalable and aligned to business outcomes, making it easier to justify and manage internally.

No more surprise expenses

Avoid unplanned costs tied to system failures, hardware upgrades or end-of-life software. With cloud, continuous improvement is included in your subscription.

Built-in ROI tools

Use Octave's ROI calculators to benchmark savings and model value realization. Many customers report savings of 10–25% over five years, not counting reduced technical debt and avoiding downtime.

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REASON 4

Scalability, availability and performance

Cloud EAM delivers consistency and agility across your organization, supporting both global operations and local needs with high availability and performance.

Built for uptime

Cloud platforms deliver 99.5% or better availability, with geographic redundancy and failover built in.

Scale without disruption

Whether you're supporting five sites or fifty, cloud EAM scales elastically to your workload. There's no need to over-provision infrastructure or delay projects because of capacity constraints.

Zero-disruption upgrades

Updates occur in the background, with minimal disruption to users or validation cycles.

Early access and testing environments

Get advanced access to upcoming releases to validate changes, train staff or test new configurations.

Support for hybrid and remote teams

Field technicians and remote workers benefit from consistent, real-time experience regardless of location.

"For CNR, migrating our asset management to the cloud is an important way to operate more effectively today, but also to prepare for the future. The Octave Attune EAM team led this migration very well, in a very precise and organized way that was instrumental to its success."

Christelle Brugière
Information Systems Asset Engineer, CNR

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REASON 5

Focus internal resources where they matter most

Your IT and operations teams should focus on strategy, not babysitting infrastructure. Cloud solutions reduce the technical debt that holds growth back.

Simplified operations

No more patching, tuning or managing complex on-prem setups. Cloud providers handle the heavy lifting, so your team can focus on initiatives that move the business forward.

Faster time to value

Cloud deployments can go live in weeks—not months. This accelerates your ability to capture ROI and align with business goals sooner.

Standardization across the enterprise

A cloud model provides consistency across geographies, plants and business units, improving governance and system supportability.

Reduced reliance on specialized expertise

Cloud eliminates the need for dedicated staff to maintain legacy environments, freeing up headcount and budget for innovation.

Roadmap alignment

Cloud architecture enables faster alignment with your business roadmap, whether you're integrating new acquisitions or digitizing asset strategies.

Learn how CNR completed a successful cloud migration, encompassing assets over 100+ sites, within 3 months

Customer use cases

Real-world results speak louder than claims. Here's how three organizations across energy, transportation and food production are using Attune EAM in the cloud to simplify operations, reduce costs and support long-term growth.

Compagnie Nationale du Rhône (CNR)

CNR moved to Attune EAM in the cloud to modernize their infrastructure and reduce internal complexity. With the SaaS model, they gained access to continuous upgrades, better uptime and strong alignment with cybersecurity and data residency requirements, freeing their IT team to focus on strategic projects rather than system maintenance.

Read the case study

Transdev Australia

Transdev chose cloud deployment to improve cost predictability and reduce the burden of maintaining infrastructure across its geographically distributed operations. Since the move, they've experienced easier system access, faster updates and better support for their sustainability and data reporting initiatives.

Read the case study

Nortera

Facing aggressive growth and modernization goals, Nortera adopted Attune EAM in the cloud to gain access to features like Octave Aria and Databridge Pro. They now benefit from greater system flexibility, real-time data integration and scalable performance across production sites, all without increasing the load on internal teams.

Read the case study

Move your EAM solution to the cloud today

Octave is helping asset-intensive organizations modernize their EAM systems with confidence. Whether you're preparing a business case or planning your migration strategy, our team can help you chart the right path forward.

Contact us to start the conversation



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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