OCTAVE

eBook

Mining the future: Asset lifecycle management with Octave

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Introduction

Operational efficiency, safety and sustainability are paramount in the mining industry, but several internal and external challenges exist.

Geopolitical risks, dispersed assets, complex supply chains, shifting material demands and mounting regulatory pressures are just a few of the headwinds that mining companies must navigate to successfully operate their business. Octave's asset lifecycle solutions empower mining organizations to overcome these obstacles, enabling them to streamline operations, enhance safety and achieve long-term growth.

This eBook highlights three success stories that demonstrate how the mining sector is effectively incorporating technology into their operations for sustainable growth.

Reimagining project execution at an international metals and mining company

Critical minerals production

Company overview

This success story highlights one of the world's largest producers of responsibly sourced metals, crucial for various modern applications. This company operates mines across four continents.

Challenge

This mining company had been using the standard enterprise system provided by its headquarters and, while functional, the system struggled with reusing information across different projects, creating templates and contractor access. Initially, this legacy system's limitations weren't a critical concern. However, the success of Octave's solution in a project run by one of their partners sparked the interest of this company.

Solution

This organization implemented Octave OnSite Completions (formerly Intergraph Smart Completions), a cutting-edge completions and commissioning solution designed to manage and execute a project portfolio that consolidates engineering data and improving repeatability and predictability. The rollout began with a small pilot and was later expanded across the organization, enabling them to consolidate project information, automate data transfer and implement re-use best practices using "data model" concept.

With Octave, this organization unlocked the power of reusable data, streamlined contractor collaboration and turned isolated project knowledge into an enterprise-wide advantage.



Scaling certainty: How a global mining leader standardized execution across 70+ sites

Metals mining

Company overview

This company is one of the world's largest mining companies with a strong market reputation for innovation and has been a long-term Octave client. The organization operates over 70 sites worldwide focusing on safety, operational excellence and sustainability.

Challenge

This company faced challenges in standardizing project execution across its global operations due to fragmented systems and complex licensing models. The need for mobile access at its expanding sites and consistent reporting across projects highlighted the limitations of its existing on-premise software. To continue growing its position in the market, they required a scalable solution that could streamline operations and digitize field execution.

Solution

OnSite Completions was selected as the SaaS solution to address these challenges. It enhances mobile operations with greater efficiency and security, centralizes project management, digitizes field execution to reduce time and resource demands and standardizes reporting to streamline project preparations. Octave's commitment to continuous product improvement further solidified its position as preferred solution provider.

This company successfully streamlined project delivery, empowered its global workforce with mobile access, and laid the digital foundation for safe, scalable growth.



From pilot to enterprise: Scaling asset management for multi-site mining operations

Limestone mining

Company overview

A leading limestone mining company with production facilities across the world sought to standardize its asset management processes to drive efficiency and reduce costs.

Challenge

The company relied on an outdated legacy system that lacked real-time data access and created fragmented processes across departments, making proactive maintenance difficult. The company needed a scalable solution that could be rolled out across all its sites.

Solution

This organization chose Octave Attune EAM (formerly HxGN EAM), an industry-leading asset management solution designed to extend its asset lifecycles and improve productivity, as part of a phased implementation plan. The rollout began with a pilot project at three plants to evaluate the feasibility of company-wide adoption. Octave's team provided tailored training, go-live support and proactive communication to address concerns and build trust. The pilot's success led to solution adoption across all their regional plants, helping them to standardize asset management processes and improve operational efficiency.

With Attune EAM, the limestone mining company achieved scalability, reduced downtime, and unlocked new opportunities for growth across its operations.



Conclusion

Octave's innovative solutions are reshaping the mining industry by accelerating digital maturity, improving operational efficiency and reducing organizational risk. Through strategic partnerships with industry leaders, Octave delivers scalable and comprehensive asset management solutions that meet the complex demands of modern mining operations. By leveraging technologies like OnSite Completions and Attune EAM, mining companies can achieve greater visibility, streamline processes and ensure compliance, setting new standards for safety and productivity.

Ready to accelerate your digital maturity? Talk to an expert and discover what Octave can do for your organization.

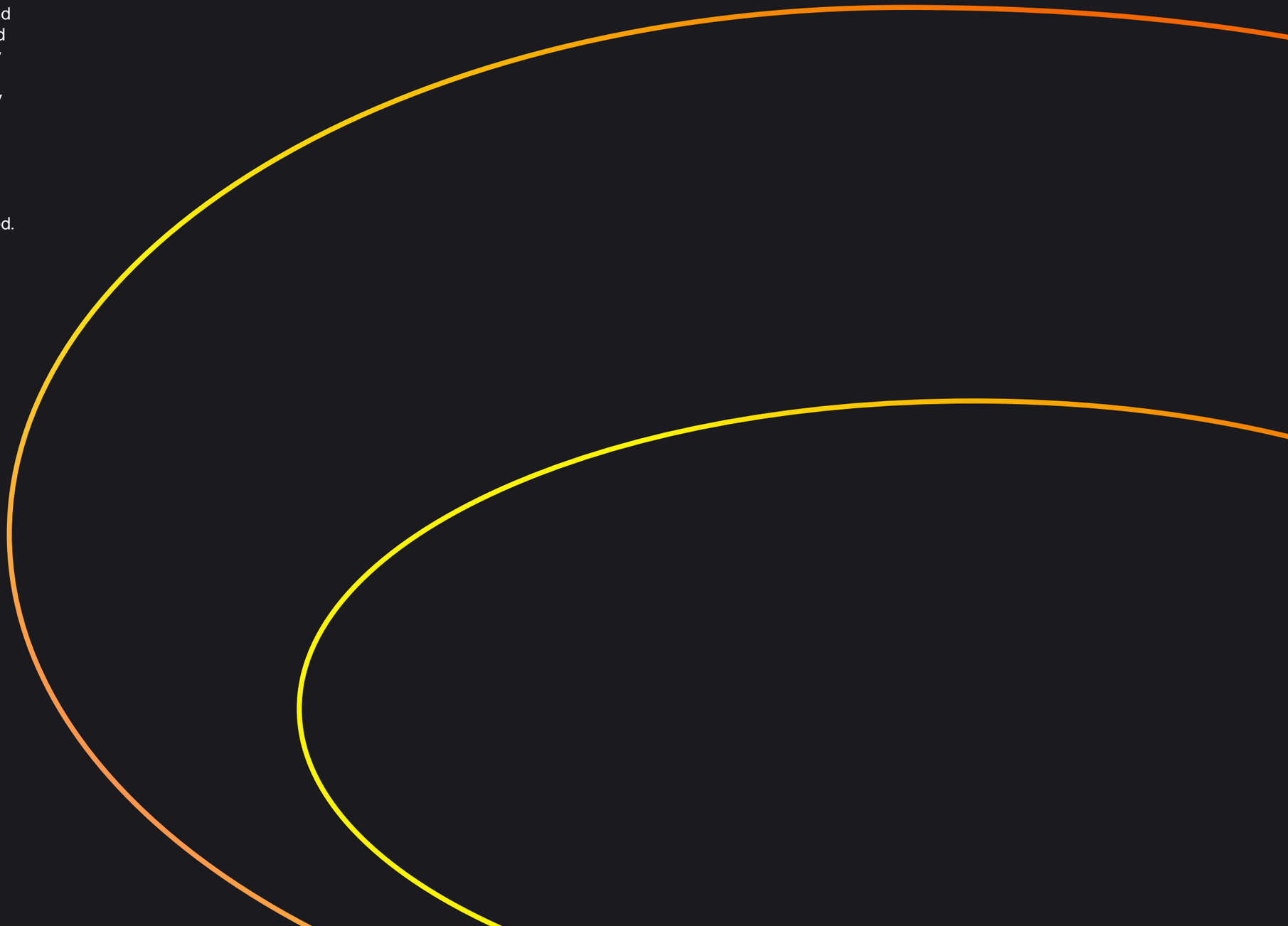
Let's Get Started



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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