BROCHURE

Octave InConcert

Octave's next-level solution for excellence in engineering and operations

Unleashing the future with Octave InConcert (formerly HxGN SDx2)

Pioneering Smart Digital Reality

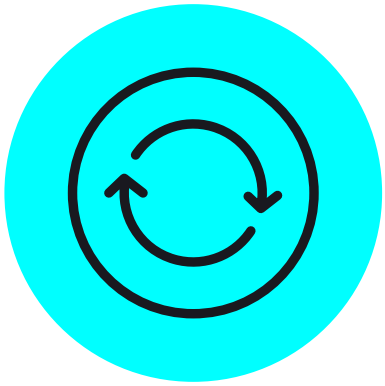
Take a transformative leap with InConcert, the heart of Octave's Smart Digital Reality™, where physical assets and real-time intelligence integrate seamlessly to fuel superior automation and analytics that boost safety, quality, efficiency and productivity. InConcert reshapes operational boundaries for organizations engaged in digital transformation.

Discover new paths to elevated project and asset performance with the data-centric InConcert. Its robust features unveil and nurture previously untapped opportunities, positioning your organization for sustainable profitability through engineering and operational excellence.

InConcert builds on the success of its predecessor, Octave InConcert Core (formerly HxGN SDx), propelling digital transformations across organizations. It helps manifest their specific Smart Digital Reality visions through its expanded, potent features, including a dynamic digital twin enriched with the latest intelligence and strengthened data governance for airtight integrity across the asset lifecycle. It encompasses a suite of new and enriched capabilities, including asset lifecycle data and information management, asset modeling and visualization, engineering change, work packaging document management/document control, and design review and issue management.

These foundational capabilities fluidly integrate critical data, promoting transparency, efficiency, productivity and more informed decision making while mitigating risks and reducing costs. Effortlessly connect data consumers throughout your organization to on-demand information, reducing search times and accelerating decision velocity.

Underpinning InConcert is the digital backbone, a centralized repository of application and data services that enhances flexibility, scalability and efficiency and facilitates uninterrupted communication and actionable insights. InConcert fortifies the digital thread (an interconnected flow of contextualized data throughout projects and assets' lifecycles) and streamlines work processes, driving innovation and excellence across industries. In essence, InConcert grows and evolves alongside your organization, shaping the future of your projects, operations and assets.



Continuous sharing

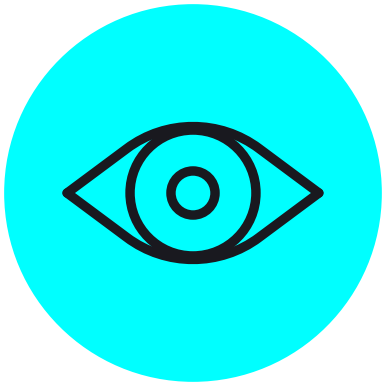
of integrated design and tool data

Evergreen operational view

with the latest as-built/ as-operated asset data

Simultaneous collaboration

among internal and external stakeholders in a controlled environment



Enhanced visualization

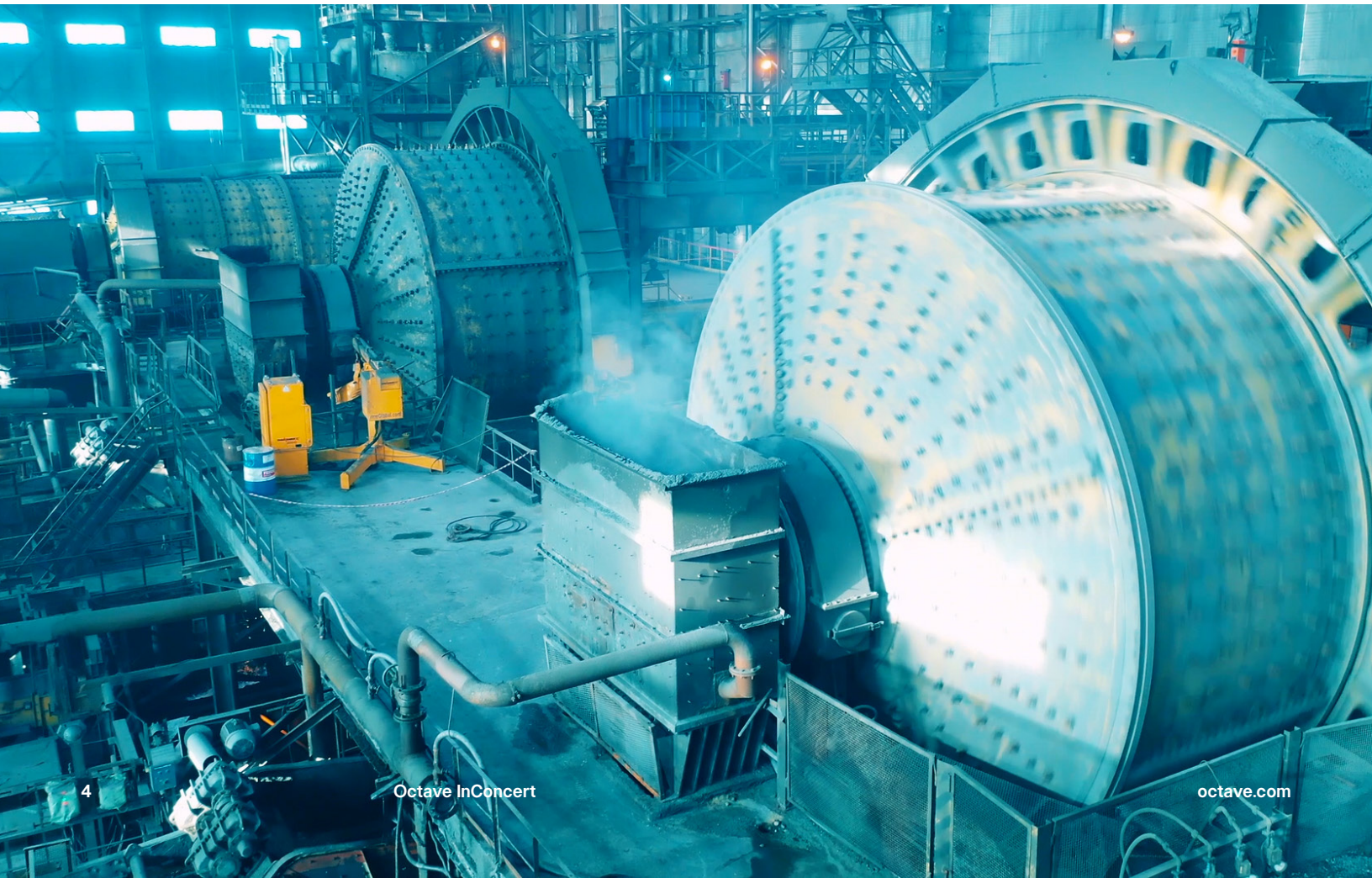
through a "single pane of glass" dashboard

Revolutionizing connectivity for seamless operations

In the dynamic realm of modern enterprises, connectivity is more than a feature — it's essential for success! At the core of InConcert is an unprecedented level of integration, marking the next evolution in data connectivity and interoperability.

Gone are the days of data silos hindering collaboration and efficiency. This revolutionary integration technology is ushering in a new era, redefining how organizations interact with their data ecosystems, while bridging gaps between disparate systems and data sources that enables a smooth flow of information across an enterprise.

InConcert also ensures accurate, evergreen and continuously available asset information and data for operating facilities and greenfield/brownfield engineering projects. By leveraging artificial intelligence/machine learning (AI/ML) it enhances asset documentation, automates tag extraction from drawings (e.g. piping and instrumentation diagrams) and effortlessly imports third-party 3D models. This data-centric approach empowers organizations to efficiently leverage existing assets to further drive engineering and operational excellence.



Whether navigating Octave's comprehensive suite of 2D/3D design tools, interfacing with industry-standard operational systems (e.g., SAP® Plant Management, IBM® Maximo, AVEVA™ PI System™) or leveraging innovative visualization technologies, integration through InConcert ensures continuous data exchange throughout the asset lifecycle. Liberated from segmented data pools, information becomes a dynamic resource that accelerates operational efficiency, informs decision making and uncovers insights at each stage of the asset journey.

Advanced integration embodies Octave's holistic philosophy, breaking down barriers, facilitating collaboration and empowering organizations to harness their data reservoirs' potential. For engineering, procurement and construction

(EPC) firms and owner operators, the advanced integration delivered by InConcert enables confident navigation through modern enterprise complexities, empowering them to leverage data as a strategic asset while pursuing innovation and growth.

Experiencing InConcert is experiencing the future of unparalleled connectivity—a world where data knows no bounds and possibilities are as vast as your imagination.

Unlocking your assets' full potential

In the dynamic landscape of industrial asset management, staying ahead requires more than routine maintenance and reactive problem-solving. It demands a comprehensive, strategic approach that maximizes assets' values throughout their entire lifecycles. Enter InConcert, built and tailored to enable owner operators and EPCs to achieve engineering and operational excellence.

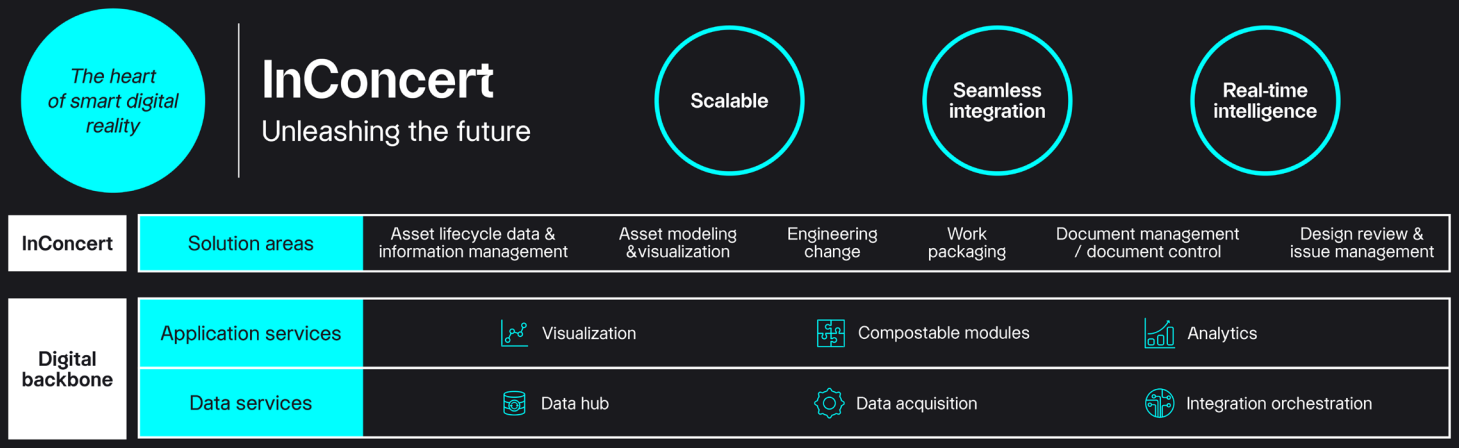
InConcert transcends traditional asset management paradigms by providing a robust framework to holistically manage asset data from project conception to decommissioning. As the many digital threads of data flow through it, they're consolidated and contextualized to ensure information stays evergreen throughout the asset lifecycle. This consolidation eliminates fragmented data silos, offering stakeholders a comprehensive, real-time view of their assets' engineering design and operational basis.

Further setting InConcert apart is its advanced data collection, integration and analysis capabilities. By effortlessly aggregating data from various sources, including data historians, maintenance management systems and engineering documentation, InConcert equips organizations with actionable insights into their assets' performance, health and utilization. This insight-driven approach enables more informed decision making, proactive maintenance planning and optimization of operational processes.

InConcert is a strategic investment for cultivating collaboration and innovation across an organization. By providing a single source of truth for asset-related data, it facilitates seamless communication and knowledge sharing among stakeholders (e.g., owner operators, engineers, project managers). This collaboration accelerates project execution, reduces rework and promotes continuous improvement initiatives.

For owner operators, InConcert offers unparalleled visibility and control over their asset portfolio, enabling them to improve asset performance, extend asset lifespan and maximize return on investment. The further benefit from improved workflows, enhanced productivity and reduced operational costs via upgraded maintenance strategies and resource allocation. Similarly, EPCs leverage InConcert to enhance project delivery, mitigate risks and ensure specifications and compliance with regulatory requirements.

In short, InConcert represents a paradigm shift in asset management practices, transitioning from reactive, fragmented approaches to proactive, data-centric strategies. By leveraging it, owner operators and EPC firms in process industries, power and utilities and manufacturing can unleash their assets' full potential, ushering in a new era of efficiency, reliability and innovation in asset management. Goodbye siloed data; hello flourishing assets and thriving organizations.



Octave's next-level, cloud-native, SaaS soultion for excellence in engineering, operations and maintenance

Empowering every aspect of operational excellence

By leveraging InConcert Core's proven success, InConcert has expanded and added new functionalities and capabilities to now – more than ever – elevate projects and operations, streamline processes and workflows and drive success at every stage of your assets' lifecycles. Throughout your digital transformation journey with InConcert, you'll leverage the following features as you develop your intricate industrial and infrastructure assets:

Asset lifecycle data and information management: Lay the foundation for your organization's success with InConcert's data-centric approach to data and information management. Octave and third-party data are consolidated and contextualized to ensure it all remains evergreen, accurate and available throughout the asset's lifecycle.

Asset modeling and visualization: Build and maintain an evergreen digital twin, with unparalleled ease of handover between contractor and owner. Leverage powerful visual modeling and intelligence reporting to support decision making across the asset lifecycle. Gain contextual insights across 2D design, 3D models, geospatial information, point clouds and panoramics. Enhanced visibility facilitates data tourism, which enables exploration of data beyond project and operations teams, across the entire digital thread. This ensures access to the right information at the right time for contextual insights.

Engineering change: A fully integrated engineering change work process that manages all the updates and design changes for any item in the InConcert asset model. Improve quality and reduce rework as responsibilities and expectations are visible and well understood. Create, review and approve change requests, while identifying potential conflicts and executing impact analysis.

Work packaging: Embrace cutting-edge technology solutions to optimize asset performance. Establish digital binders of asset information to support decision making in the design, build, operate and maintain phases of the asset lifecycle. Create/approve work packages and workflows and markup/annotate drawings and documents as necessary.

Document management and document control: Ensure the organized, secured and efficient handling and approval of document workflows for engineering projects and their operational use. Control the status and routing of each project document between stakeholders with integrated task handling (e.g., transmittals, submittals, technical queries, change requests, impact analysis, inconsistency checking, redlining and mark up of design documents).

Design review and issue management: Transform engineering projects through an integrated, shared approach to the design review work process to reduce review cycles, drive efficiency and improve consistency. Centrally manage requested or compliance-driven changes to assign, assess and resolve issues.

Experience the power of InConcert and unleash never-before-realized levels of operational excellence, customized to the specific needs of EPCs and owner operators across process industries, power and utilities and manufacturing. Embolden your organization's decisionmakers, influencers and champions to drive success and achieve the level of operational excellence necessary to thrive in an increasingly complex and competitive landscape.

13 Reasons why you need InConcert

1. **Operational excellence:** Elevate performance and efficiency across your organization, driving continuous improvement when you unleash the future with InConcert.
2. **Cost savings:** Identify inefficiencies and optimize workflows to achieve significant cost savings across your organization, delivering tangible value to your bottom line.
3. **Real-time intelligence:** Access up-to-the-minute insights and analytics, enabling quick decision making and improved operational efficiency and performance.
4. **Data security:** Safeguard sensitive information with robust security measures, protecting against unauthorized access and cyber threats.
5. **Data at your fingertips:** Realize a 30%-50% time savings via up-to-date information, organized documentation, efficient document management and streamlined decision making and operations.
6. **Enhanced collaboration:** Foster teamwork and alignment across departments with intuitive collaboration tools, breaking down communication barriers for better project outcomes.
7. **Seamless integration:** Streamline collaboration across your organization's complex projects. Connect disparate systems and data sources effortlessly to enhance decision making.
8. **Single source of truth:** Simplify workflows with a centralized hub for all your asset data, improving visibility and control throughout the project lifecycle.
9. **Scalability:** Grow confidently knowing InConcert will adapt to your organization's evolving needs, whether expanding operations, adapting to internal change or adjusting to market pressures.
10. **Data-centric approach:** Harness the full potential of your data to drive operational excellence and strategic decision making, by positioning data at the forefront of system design and organizational processes.
11. **Regulatory compliance:** Ensure adherence to industry regulations with built-in governance features, minimizing compliance risks and maintaining operational integrity.
12. **Increase safety:** Foster continuous communication, teamwork and alignment among stakeholders, ensuring accuracy and reliability to help mitigate risks and reduce avoidable mistakes.
13. **Futureproofing:** Stay ahead of evolving industry challenges and competition with regular updates, ongoing innovation and confidence that InConcert will deliver continuous value.

Choose InConert and unleash the full potential of your projects, operations and assets today and tomorrow!

Ready to begin your journey to a smarter digital reality? Contact Octave now to discover how InConcert can deliver greater organizational value.

Contact us

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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