



Digitalizing the chemical industry of tomorrow today

Digitalize projects, processes, procedures and permits to maximize operations

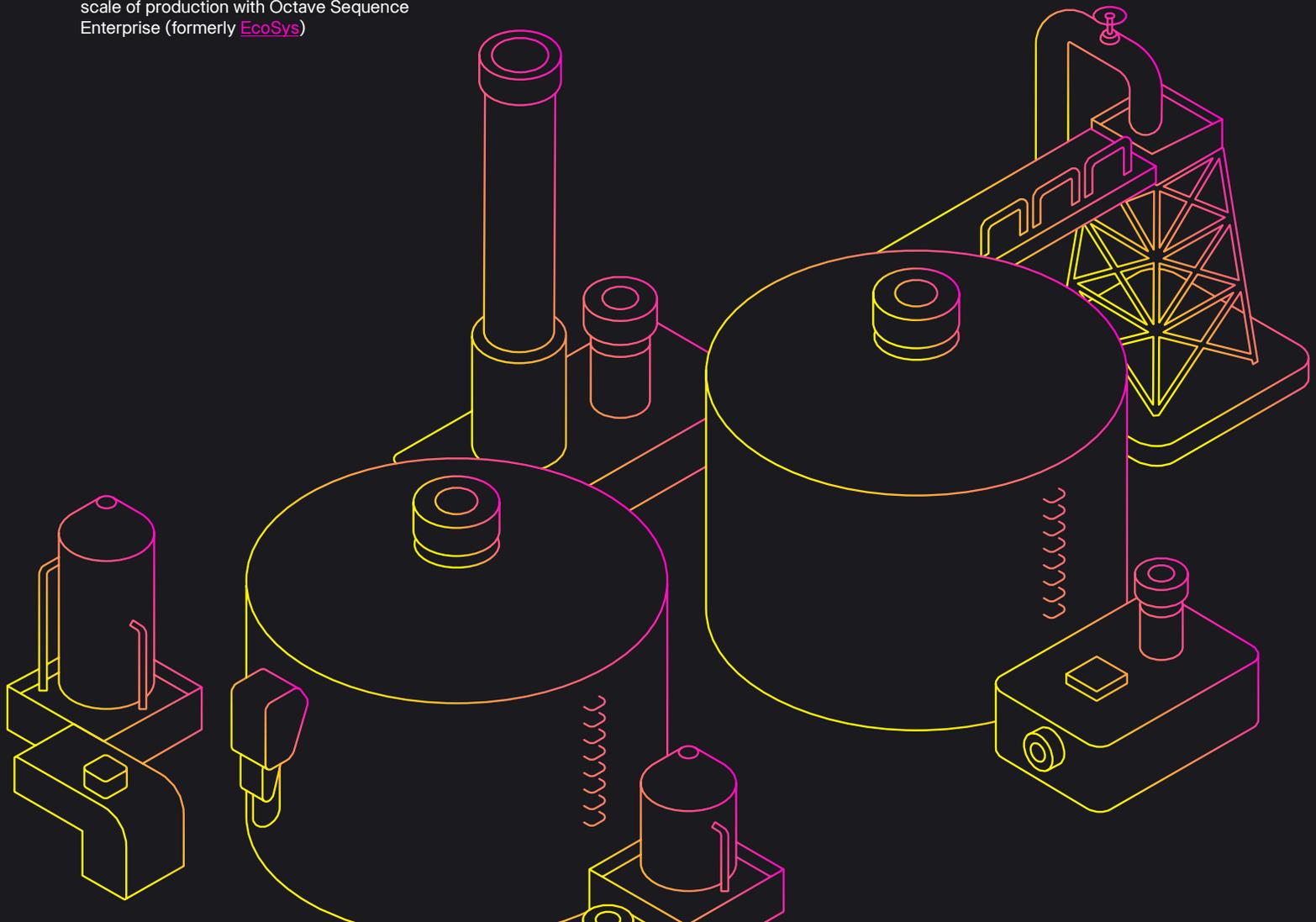
- Digitalize critical processes, procedures and permits to optimize your plant operations
- Capture, structure and store asset, situational, qualitative and quantitative information digitally to support a more collaborative and connected workforce
- Document and manage the execution of safety-critical industrial processes with Octave Tempo Operations Management (formerly [j5 Operations Management Solutions](#))
- Expedite the digital transformation of paper-based, high-risk operational procedures with Octave Tempo Operating Procedures (formerly [AcceleratorKMS](#))
- Enjoy quicker turnarounds, reduced shutdowns, faster go to market and increased scale of production with Octave Sequence Enterprise (formerly [EcoSys](#))

Connect and protect your operational data

- Unlock siloed data for connected, visible and usable information with Octave InConcert Core (formerly [HxGN SDx](#)) to reduce risk and improve safety
- Ensure safe, reliable and compliant industrial operations with alarm/boundary/Independent Protection Layers (IPL) management, control loop monitoring and tuning with Octave Tempo Control System Effectiveness (formerly [PAS PlantState Integrity](#))
- Secure your operational technology (OT/ICS) landscape with Octave Cyber Integrity (formerly [PAS Cyber Integrity](#)) as part of your complete cybersecurity program
- Centralize and visualize all types of asset information from data historians, the CMMS, the DCS, EAM, PLC and SCADA systems for maximized interoperability

Transform your enterprise with the Smart Digital Reality™

- Build and maintain an information management ecosystem of interoperable technologies connected to the digital backbone for a [continuous journey of operational excellence](#) throughout the asset lifecycle
- Deploy a comprehensive digital twin to analyze and transform complex data into actionable information that improves asset operations across the value chain



Digitalization delivers value across your chemical organization

Plant management

You have to make the right decisions quickly with information that may be siloed in disparate sources.

Octave's digital solutions visualize critical safety, environmental, operational, and cost data to deliver a fast, comprehensive view of plant performance, helping teams focus on the areas that matter most. Enhanced digital insights—such as mobile operator rounds, integrated operations logs, and excursion management with workflow—provide greater awareness and oversight for more effective operations.

Control room operations

Constantly bombarded with demands for your attention – from control and grid management systems to field operation coordination activities to consistent observation for process abnormalities - you help ensure that operators follow the right processes and procedures and drive continuous improvement.

By deploying Octave's solutions, you can reduce nuisance alarms, improve shift handover, standardize the permit process, manage isolations and improve situational awareness.

Maintenance and reliability engineers

You rely on numerous sources of information to develop improvement plans that will enhance operational reliability and resilience. Unfortunately, the data is typically siloed away in multiple disconnected applications and systems.

By digitalizing projects and operations, organizations can unify engineering data, design tools, historians, maintenance records, control systems, operating limits, alarms, procedures and shift handovers. Octave's digital solutions simplify, contextualize and automate this data into actionable insights, accelerating the journey to operational excellence.

Health, safety and environment (HSE)

You help ensure compliance with work permits, isolation management and risk assessment policies while simultaneously relying upon data from operation procedures, operator rounds, shift handovers, incident management and management of change processes. And as you measure the HSE performance of your plant, you require information from multiple sources which can make the compilation of data for environmental and safety compliance reports an arduous exercise.

However, Octave solutions can automate and streamline data collection and report creation so that you can focus on what matters most as an effective and trusted safety advisor.

Field operations

Your role is critical to plant operations, yet your efficiency is hindered due to cumbersome, paper-based systems and limited access to crucial information.

When safety-critical operational work processes like operator rounds and inspections, control of work activities, maintenance requests, work instructions and procedure information are digitally transformed, operational roles like yours can become truly empowered as a connected worker, delivering safety, efficiency, quality and productivity every shift.

ICS engineers

You are focused on ensuring that process operations are running safely and profitably. Cybersecurity of the OT/ICS network is not your first priority, but you must validate that any security measures put in place do not impact the availability of the network and cause unplanned downtime.

Octave's cybersecurity capabilities strengthen industrial resilience by providing a comprehensive asset inventory, identifying control system vulnerabilities, managing patch updates and enabling trusted restore points to support rapid recovery from cyber or operational incidents.

[Read more about Octave for chemicals](#)

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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