SOLUTION SHEET

Octave Sequence Enterprise for chemicals & petrochemicals

In chemicals and petrochemicals, percision is everything. Capital projects must balance safety, compliance, cost control, and production efficiency, often within highly regulated and tightly constrained environments. At the same time, organizations face increasing pressure to modernize facilities, improve sustainability, and optimize asset performance.

When planning and execution are disconnected, even small misalignments can lead to costly delays, inefficiencies, or compliance risks.

To succeed, organizations need a connected approach that brings clarity and control to every stage of the portfolio and project lifecycle.

The solution

Octave Sequence Enterprise (formerly EcoSys) is Octave's Enterprise Project Performance (EPP) solution, built for large, capital-intensive organizations that need more than visibility. They need control.

It connects project portfolio management, project management, and controls in a single system, aligning cost, schedule, scope, risk, resources, contracts, and change from planning through delivery.

The result is a connected environment where decisions are informed, execution is aligned, and performance is predictable.

Core Capabilities

Portfolio & capital planning

Prioritize investments based on value, risk, and capacity. Align capital with strategy and continuously adjust as conditions change.

Project controls & management

Track cost, schedule, and performance in real time. Forecast outcomes early and manage change with full context.

Planning, scheduling & estimating

Build plans grounded in real data. Connect schedules and estimates to performance to ensure alignment from the start.

Budgeting & forecasting

Develop defensible budgets and maintain rolling forecasts using actuals, trends, and scenario analysis.

Resource management

Align resource demand with capacity across projects and portfolios. Balance priorities and optimize utilization.

Contract & change management

Manage commitments, variations, and financial impacts in a controlled, traceable environment.

Field reporting & mobile

Capture progress, safety, and quality data at the source. Connect field activity directly to performance and forecasts.

Document management

Manage project documents in context—linked to scope, risks, changes, and contracts with full control and traceability.

STO & asset-driven planning

Plan long-range events and capital work using asset insight, historical performance, and enterprise coordination

Built for scale, flexibility, and integration

Sequence Enterprise is designed to operate in complex, capital-intensive environments:

- **Scalable cloud architecture** that adapts as demand grows
- **No-code configurability** to tailor workflows, forms, and reporting without IT dependency
- **Integration without limits—**connecting ERP, scheduling, engineering, procurement, and asset systems
- **Embedded AI** to surface insights, guide actions, and reduce manual effort
- **Governed data model** aligned to enterprise standards and compliance frameworks

This ensures the platform evolves with the business—without increasing complexity.

Key Benefits

By connecting data, processes, and teams, Sequence Enterprise enables organizations to:

- **Establish a single source of truth** across portfolios and projects
- **Improve forecast accuracy** with real-time, connected data
- **Reduce manual effort** by eliminating spreadsheet-based processes
- **Standardize execution** across teams, regions, and projects
- **Increase visibility** into performance, risk, and financial outcomes

Business impact

Organizations using Sequence Enterprise achieve:

- Better decision-making based on trusted, current data
- Earlier identification of risks and performance issues
- Stronger cost certainty and schedule predictability
- Improved collaboration across functions and stakeholders
- Greater efficiency at scale through connected, automated processes

Drive positive outcomes across your enterprise

Sequence Enterprise enables organizations to connect strategy to execution, align teams around trusted data, and deliver projects with greater confidence. As a result, organizations on average see:

20%
reduction in cost overruns

25%
increase in project controller productivity

50%
productivity recapture rate for employees

85%
return on investment

Explore how Sequence Enterprise can support your organization.

Contact us | Learn More

Based on the commissioned study "The Total Economic Impact™ of EcoSys™ by Hexagon conducted by Forrester Consulting on behalf of Hexagon, January 2022. The results shown are indicative of a composite organization created to represent the Sequence Enterprise customers interviewed for the study. These results were realized over a three year period.

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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