



SOLUTION SHEET

# Resource management with Octave Sequence Enterprise



Resources turn plans into outcomes.

But in many organizations, resource planning is disconnected, managed in spreadsheets or separate systems, with limited visibility into demand, capacity, and utilization. As priorities shift, teams are left reacting to constraints instead of planning for them.

Octave Sequence Enterprise (formerly EcoSys) brings resource management into a connected environment, aligning people, equipment and financial resources with project plans, schedules and performance.

The result is better allocation, faster decisions and more predictable delivery.

## **Plan, allocate and optimize resources with confidence**

Sequence Enterprise provides a centralized environment to plan and manage resources across projects and portfolios.

Organizations can define resource structures, build capacity models, and develop resource plans that align directly with project schedules and priorities. By connecting resource demand with availability, teams can proactively balance workloads and avoid bottlenecks before they impact delivery.

As conditions change, resource plans can be adjusted quickly, ensuring the right resources are aligned to the highest-priority work at the right time.

## Connected resource management across the lifecycle

Resource management in Sequence Enterprise is fully integrated with the broader project landscape.

Resource plans are directly tied to schedules, cost, and performance data, meaning decisions are based on complete, current information. When schedules shift or changes occur, the impact on resource demand is immediately visible.

### This connection enables organizations to:

- Align resources to strategic priorities across the portfolio
- Understand how resource constraints affect schedule and cost outcomes
- Respond quickly to changes by reallocating resources with confidence
- Instead of managing resources in isolation, teams operate within a system where everything is connected

## Improve visibility into capacity and utilization

Effective resource management requires more than planning. It requires insight.

Sequence Enterprise provides real-time visibility into resource capacity, demand, and utilization across the enterprise. Organizations can identify constrained resources, analyze workload distribution, and make informed decisions about staffing, sequencing, and prioritization.

With enterprise-level reporting and project-level drilldown, leaders gain a clear view of where resources are over- or under-utilized and where action is needed.

## Support both named and role-based resource planning

Different projects require different levels of detail.

Sequence Enterprise supports both high-level, role-based planning and detailed, named resource assignments. Organizations can plan early using roles or disciplines, then refine plans with specific individuals as projects progress.

This flexibility allows teams to plan with speed while maintaining accuracy as execution approaches.



## Streamline time capture and resource updates

Accurate resource data depends on timely input.

Sequence Enterprise enables teams to capture time and progress directly within the platform, improving the accuracy of resource utilization and cost tracking. With integrated timesheet capabilities and streamlined data entry, organizations can reduce delays in capturing actuals and improve the reliability of downstream forecasting.

This ensures that resource decisions are based on current, up-to-date, information.

## Built for enterprise integration and scalability

Sequence Enterprise integrates resource management with the systems and processes organizations rely on.

### It connects with:

- **Project scheduling tools** to ensure resources are aligned to planned work
- **HRIS systems** to keep resource pools, roles, and attributes up to date
- **Financial systems** to align resource planning with budgets and forecasts

This creates a consistent, scalable approach to managing resources across the enterprise without duplicating data or effort.

## Capability highlights

- Create and manage resource breakdown structures by role, discipline, location, and skill
- Define resource calendars and capacity models
- Plan and allocate resources across projects and portfolios
- Analyze resource capacity, demand, and utilization in real time
- Support both role-based and named resource planning
- Perform bottleneck and constraint analysis to protect critical work
- Manage resource requests and approvals through structured workflows
- Capture time and track resource usage with integrated timesheets
- Integrate resource plans with schedules, cost, and forecasting processes
- Connect with other critical systems to maintain accurate resource data

## Business impact

Connected resource management enables organizations to:

- Align resources with strategic priorities across the portfolio
- Improve utilization and reduce resource-related delays
- Strengthen forecasting accuracy with real-time resource data
- Respond faster to changes in demand and project conditions
- Deliver projects more efficiently with the right resources in place



## What is Sequence Enterprise?

Sequence Enterprise is Octave's enterprise project performance (EPP) solution, unifying project portfolio management, project controls, and project management in a single, connected system.

By integrating resource management with cost, schedule, and performance data, it enables organizations to plan smarter, adapt faster, and deliver greater confidence.

[Learn More](#)

[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.

©2026 Intergraph Corporation and/or its affiliates. All rights reserved.

[octave.com](https://octave.com)