



SOLUTION SHEET

Octave SmartPlant Enterprise for Owner Operators Core Solution



Octave SmartPlant Enterprise for Owner Operators (SPO) Core Solution brings structure and clarity across the full plant lifecycle. With includes preconfigured work processes, it gives teams fast, reliable access to engineering design basis, so critical information is always within reach. The result? Team spend less time searching, more time deciding with greater speed and confidence.

The solution establishes a consistent foundation for operations and is a prerequisite for additional SPO solutions, including:

- SPO Project Execution
- SPO Operating Plant
- SPO Systems Completion
- SPO Requirements Management and Traceability

Plant and work breakdown structures

A clear structure is the starting point. SPO Core enables teams to define and manage both plant and work breakdown structures, connecting data across areas, systems and disciplines.

This structured view supports engineering, construction and procurement activities, bringing greater control to both CAPEX and OPEX projects.

Tag management

SPO Core centralizes tag allocation using predefined Tplant engineering numbering system to ensure uniformity across the lifecycle. A single source of truth for tag data supports better coordination and seamless integration with design tools.

Document, transmittal and dossier management

SPO Core delivers structured, traceable document control across projects and operations. The effective and consistent management of documents with auditable traceability is essential to demonstrate regulatory compliance and manage the vast numbers of documents that describe a complex process facility. During development projects, revamp projects, and turnarounds, the allocation of document numbers and workflows to review and distribute documentation to relevant stakeholders is a critical process.

SPO Core addresses the needs of both projects and operations for document management and transmittals. SPO Core features a comprehensive set of work processes, including:

- Central allocation of document numbers
- Capture of document metadata
- Managing document revision and version history
- File archiving
- Distribution and review
- Subscription
- Check-in and check-out
- Online approval

Documents can be linked to the plant or work breakdown structures, tags, reference documents, contracts and disciplines.

Flexible search capabilities make retrieval simple, whether users search by document name, related tags, plant structure or content. Full Text Retrieval (FTR) on the content of documents is also available.

The transmittal business package offers preconfigured processes for managing incoming, outgoing, and internal transmittals, including definition of standard distribution matrices to ensure consistent distribution.

For complex deliverables, electronic dossier capabilities bring order to large document sets such as system operating manuals, vendor data books, fabrication record books and systems completions dossiers, organizing them into structured, easy-to-navigate formats. The electronic dossier capability in SPO Core enables teams to manage structured documents where they can be linked to a hierarchy of chapters and sub-chapters. Documents are presented in sequence as they would in a physical compiled document.

Model, asset and manufacturer

SPO Core connects equipment data with real-world assets. By linking manufacturer model and type reference, serialized equipment (assets) and associated documentation to plant design (tags), organizations reduce material variation and improve traceability. Managing manufacturer catalog documentation against models, types and assets can significantly reduce the volume of vendor package documentation and simplify the administration of documentation during operations.

Risk-reducing measure

SPO Core offers consistent tracking and management of risk-reducing measures from identification of causes through mitigation. The risk-reducing measures work process ensures consistent handling with auditable traceability, reducing risks to ALARP/ALARA (as low as reasonably practicable/as low as reasonably achievable) levels as required by health and safety regulations and legislation.

Action and issue tracking

SPO Core manages the thousands of actions and issues that owner operator project teams and operating facilities tackle each year. Actions and issues can be linked to tags, documents the plant breakdown structure or work packages and items in other SPO solutions, such as changes and non-conformities, to enable fast location. The capture and resolution are managed through a simple workflow ensuring traceability and identification of bottlenecks.

Plant data loading

SPO Core supports bulk data loading through preconfigured templates. A more comprehensive solution for loading and validation is also available separately.

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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