PRODUCT SHEET

InConcert Review

Intelligent 3D and 2D design review in a single model environment



Key features & functionalities	
01	3D markup: callouts snap to geometry and escalate to issues.
02	InConcert Assistant: plain-language search of model objects.
03	2D–3D geotagging: link P&IDs and datasheets to 3D objects.
04	Model Playground: safe what-if scenarios in a sandbox.
05	Visual Intelligence: color-coded status in 3D and 2D views.
06	Role-based access: near-zero-training Collaborator role.
07	Continuous data sharing: Forte 3D keeps data current.
08	Data take-on: ingest and manage project model data.
09	Cloud-native and secure: browser-based, no local install.
10	Broad format support: IFC, NWD, DTO, and more.

Overview

InConcert Review is an intelligent visualization and review platform. It brings structured feedback, AI-assisted navigation and seamless 2D–3D continuity into a single 3D model environment.

Teams review designs against the model itself, not against email threads, PDF markups and screenshots. As a result, inconsistencies between models and schematics are reduced.

Every review decision is recorded in a structured workflow, producing an auditable trail. Findings stay linked to the 3D objects they describe across sessions and disciplines.

The platform is cloud-native and browser-based, so reviewers need no heavy local install. It deploys as part of the broader Octave InConcert solution ecosystem.

The challenge

Design reviews often stall before they reach a decision. Teams typically face these problems:

Email-driven reviews: Feedback runs through email threads, PowerPoints and PDF markups with no direct link to the 3D model.

Limited access: Non-engineers cannot navigate 3D models without engineering support or expensive hardware.



Weak audit trails: Findings are undocumented or stored in disconnected systems, which makes audit trails hard to maintain.

Model risk: "What-if" layout changes require edits to the master model, creating data risk and rework.

Disconnected 2D data: P&IDs and datasheets sit apart from 3D as-built or design models.

Manual reporting: Status reporting depends on manual data exports and chart building outside the model environment.

Who it is for

EPC firms: Engineering, procurement, and construction firms managing multi-discipline 3D model reviews across distributed project teams.

Owner-operators: Industrial asset owners in oil and gas, power and chemicals that validate design models before construction or during operations.

Design consultancies: Firms that deliver client-facing review services.

PMOs: Teams that need consolidated visibility into review status.

Business impact

Illustrative model for a 25-reviewer, 3-project program at a $120/hr blended cost: $605,520 of annual review waste, of which $329,940 is recoverable each year by cutting prep, navigation, consolidation and rework. Reduction rates are conservative midpoints of 40–75%, and ROI is positive in the first project cycle.

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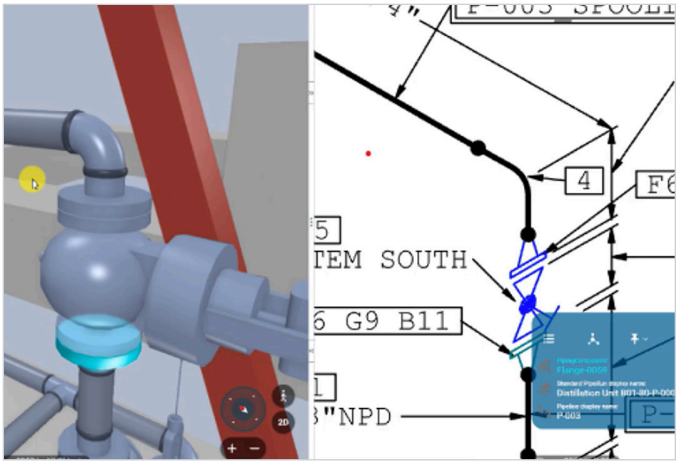
40-75%
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Benefits by role

Engineering leadership: Model-linked annotations persist across sessions and disciplines, eliminating review rework and leaving an auditable record of every decision.

Project managers: Review status is visible at a glance, color-coded, filterable and shareable without leaving the model.

IT and digital transformation: Role-aware access controls integrate with your existing InConcert administrator structure.



InConcert Review brings 3D models, 2D documents, structured feedback, and live status into one environment.

Extend InConcert Review

Visualization as a Service (VaaS) opens the same visualization engine to your own applications. Teams can embed 3D and 2D model viewing, markup and data-linked workflows directly in the business applications they run, without building a viewer platform of their own.

VaaS is licensed separately and is available as an optional extension. For teams upgrading from SmartReview, InConcert Review adds cloud-enabled deployment, plain-language search, geotagged 2D–3D review, safe what-if scenarios and continuous data sharing.

Start with a scoped proof-of-concept using your project data. Request a demo at octave.com/demo, and your Octave account team will tailor it to your primary review persona.

"Review designs against the model itself, not against email threads."

"Fixing issues during review is where the savings compound."

Ready to take InConcert Review to the next level?

Request a demo at octave.com/demo.

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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