



The owner operator's guide to turning data into trusted intelligence

Five critical benefits of digital investment

EBOOK

Operational excellence is in reach.

Terms like digital twin and digital transformation are everywhere these days—but few understand just how powerful they can be for operations and projects.

Amplified efficiency. Boosted quality. Smarter, more accurate capital planning. With the right digital investments, possibility powers up.

The use of digital technologies, including digital twins and information management solutions, can increase efficiency, quality and bottom lines. In this guide, we'll explore five mission-critical benefits for owners and operators, including:



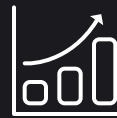
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Leveled-up
collaboration



02

Validated data,
in context



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Reduced risk,
increased
performance



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Amplified
quality and
consistency



05

Sharper
competitive
edge

01



Leveled-up collaboration

Collaboration is critical for capital projects. And as complexity scales up, so does the need for internal teams and contractors to work together seamlessly.

When all parties, across all locations, have access to the same accurate, real-time information, collaboration levels up. Decisions get smarter and faster. Costly changes, rework and delays are avoided. Budgets and timelines are protected. Performance gets optimized.

Digital technology ensures the right people can access the right information at the right time—powering seamless collaboration and improving efficiency across the board.



02

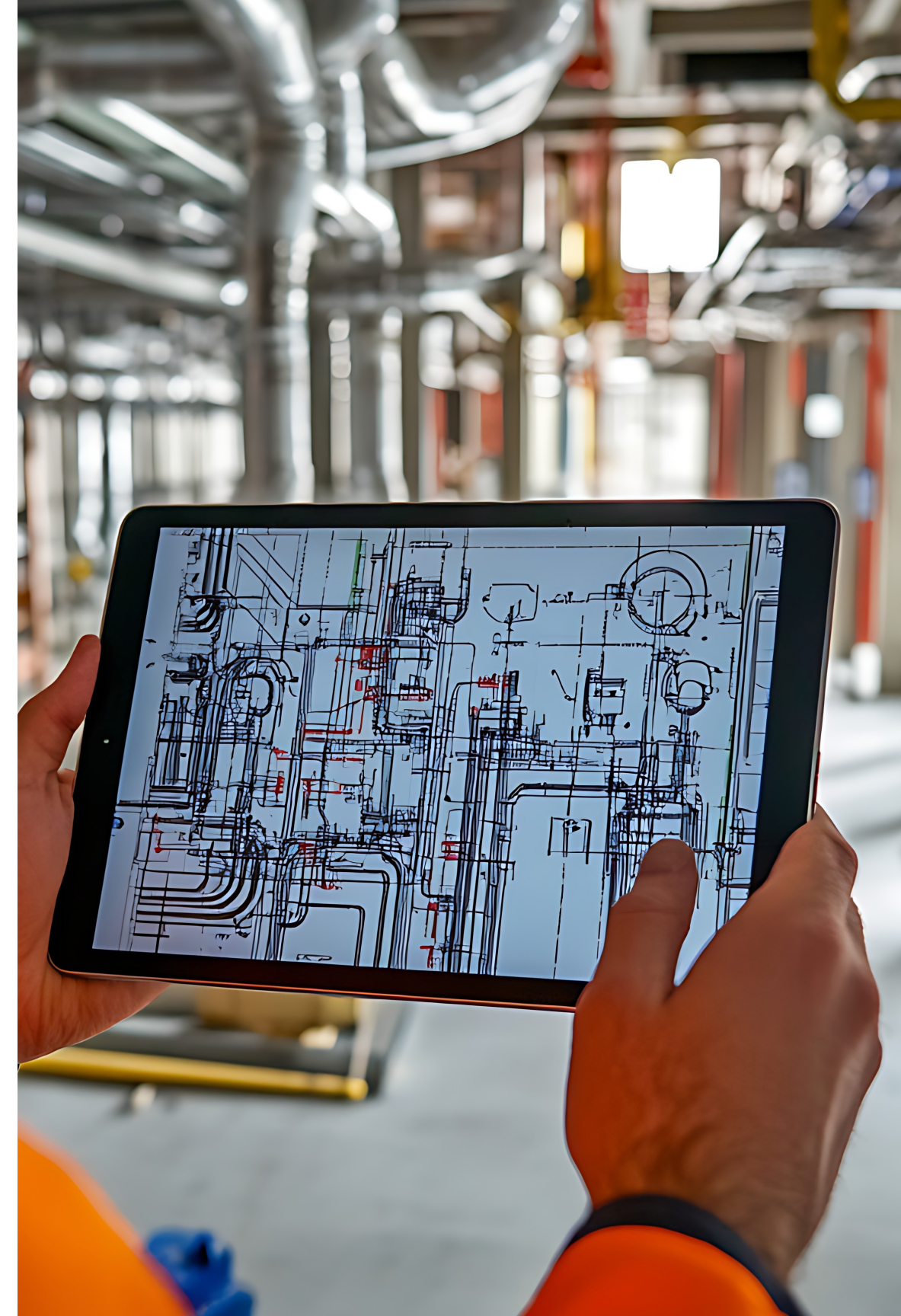


Validated data, in context

Data alone won't make your team more efficient. It takes visibility, context and trust to unleash its potential.

Beyond an item's status, teams need to see how everything connects: where items are, how they're related and which documents, drawings and files go with each piece of equipment. The right information management tools bring it all together, so teams can quickly access validated information in context—including the relationships in the data, 2D, 3D, laser scans and hundreds of file formats.

This detailed facility and project information can be used to build a digital twin. As the process progresses, handovers become more efficient, increasingly equipping operations teams with validated data at startup.



03



Reduced risk, increased performance

When every second counts, quick access to accurate information is crucial. A digital, cloud-based engineering information management solution boosts performance and efficiency at speed, whether you're creating a digital twin or getting through an emergency outage.

The right tools aggregate information, empower seamless collaboration and enable efficient use of expert resources—helping teams finish projects on time and on budget, while reducing costs and scheduling risks.

Choosing the right solution means taking control of your asset data to help your teams work smarter, increase margins, and boost safety and streamlined execution. From task automation and templated workflows to intuitive document management tools, review and markup capabilities and more, today's solutions unleash new levels of performance.



04



Amplified quality and consistency

Design quality improves when processes are structured and communication is seamless. A collaborative platform makes it possible.

When project and facility data is captured and connected within a single source of truth, visibility increases and leads to better facility data management and reduced capital project handover costs. With faster time to delivery, lower risk and less rework, teams can complete high-quality projects with greater consistency and speed.

Controlled communication. Consistent quality.
Optimized outcomes.



05



Sharper competitive edge

Today, digital twins aren't just nice-to-have. They're becoming non-negotiable.

Owners are increasingly mandating digital twins as project deliverables. Governments are raising the bar with stricter information management requirements. The right technology makes meeting these standards achievable, unlocking a competitive edge and a major return on investment.

Don't get left behind. When you invest in innovative solutions that drive better data, you can save millions on your projects and win with contractors that meet your digital twin standards.



Today's challenges demand smarter solutions. Digital twin technology delivers.

Beat the competition, empower your teams and turn intelligence into your edge with the market-leading, best-in-class design and information management solutions from Octave. Octave InConcert (formerly HxGN SDx2) is relied on by the most successful owners, operators and companies in the world. Rule-driven, integrated and enterprise-wide, Octave solutions unleash intelligence to optimize outcomes at every lifecycle stage.



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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