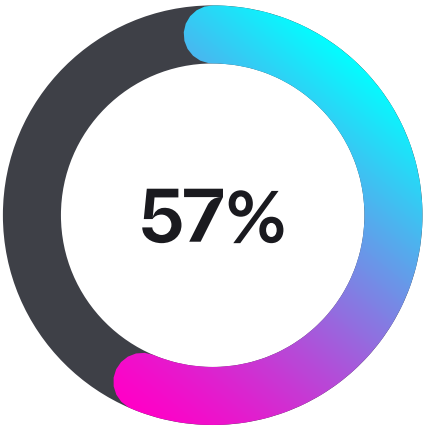
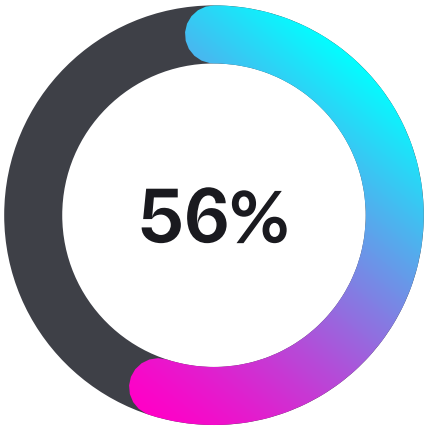
Addressing disconnected industrial operations

The pain point:

In industrial operations, disconnection is still the norm



of executives say the tools used in their organizations lack connectivity to one another



say digital transformation has not brought the expected value

In most industrial organizations, data silos and connectivity gaps are silent killers of operational excellence. Lack of visibility across operations is a leading cause of performance degradation, incidents and near misses, as well as a constant headache for HSE and compliance teams. Without a solid industrial data platform for collaboration and communication, continuous improvement programs are destined to be stifled.

4 reasons to act now

Over the past two decades, labor productivity in Europe's industrial organizations has declined compared to counterparts in other regions of the world. This is the result of several factors: changing demographics, aging infrastructure, legacy technologies and a general reduction in investments due to geopolitical uncertainty.

In this already demanding context, lack of data connectivity leads to several issues:

Limited situational awareness due to manual data gathering, siloed applications and late / incomplete information, an issue reported by three in four executives

Loss of operational knowledge as employees leave or retire

Increased compliance obligations in the face of mounting regulations

Greater risk of operational impacts due to incomplete understanding of asset performance or operating state, and reactive or calendar-based maintenance and shutdown planning

The common thread

Across projects, productivity, cybersecurity and decarbonization, one message is clear: decisions rely on trusted, connected data across the asset lifecycle. Winning operators are those who can execute projects with confidence, optimize assets while managing risk and meet production targets despite workforce and energy constraints.



Operations management

Digitize critical processes with tried-and-tested solutions and intuitive interfaces. Octave Tempo Operations Management (formerly j5 Operations Management Solutions) and Octave Tempo Control System Effectiveness (formerly PAS PlantState Integrity) provide a full suite of tools to digitize critical processes and support operations risk management — including alarms, control loop performance, operating limits and safety system management.



Engineering information management

Create a trusted, connected source of asset and engineering truth. Octave InConcert (formerly HxGN SDx2) connects engineering, asset and operational information across the full lifecycle — ensuring teams work from a single, trusted source of data to improve visibility, handovers and decision-making across projects, operations and maintenance.



Procedure management

Execute procedures safely while capturing operational knowledge. Octave Tempo Operating Procedures (formerly AcceleratorKMS) digitizes operating procedures and work instructions, guiding operators step by step while capturing real-time execution data to improve compliance, safety and knowledge retention.



Asset management

Use data to optimize work management, reliability, performance and costs. Octave Attune APM (formerly HxGN APM) and Octave Attune EAM (formerly HxGN EAM) work in sync to optimise asset management across reliability, performance and costs. Attune APM evaluates asset condition, risk and failure modes to determine what work should be done, while Attune EAM executes it through planning, scheduling and completion tracking.

See what they achieved - and what you can expect

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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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