



Industrial downtime:

The hidden cost of outdated procedure management

Human error costs industrial organizations billions each year in production delays, safety incidents and compliance risks. Surveys have found it is involved in 70-90% of all incidents, as well as 23% of outages and 80% of manufacturing defects.



But human error is often the consequence of technology failing operators, especially when procedures are involved. Legacy systems and processes that make procedures difficult to find, review and use at the point of need leave teams exposed to unnecessary risk and inefficiency.

The three major challenges holding back industrial teams

In practice, outdated procedure management creates three persistent **challenges**.

1. Procedures aren't available where they're needed

In too many facilities, standard operating procedures (SOPs) are:

- Stored in **paper manuals** locked in filing cabinets
- Scattered across disconnected SharePoint folders
- Buried in unusable Word documents

2. Keeping procedures updated is an endless battle

With thousands of procedures across sites, departments and systems, staying current is nearly impossible:

- Reviews are manual and time-intensive
- **Changes** are often undocumented or inconsistently applied
- Outdated content leads to confusion, non-compliance or accidents

3. There's no feedback loop from the field

Procedures are often created in isolation by central teams, with little input from the people doing the work:

- A staggering 90% of plant knowledge lives in workers' heads, not systems
- New hires face steep learning curves, relying on informal mentoring
- Experienced workers are **leaving**, taking institutional knowledge with them

"I often tell people to stop me if I sound like a salesman when discussing Tempo Operating Procedures because there are so many benefits."

Richard Aasholm, Crossbridge Energy

Discover the [Case Study](#)

Octave Tempo operating procedures: smart procedure management for the Connected Worker

Octave Tempo Operating Procedures (formerly AcceleratorKMS) is a purpose-built Connected Worker Platform that solves these challenges by reimagining how procedures are created, accessed and improved—right where the work happens. Here's how it works:



Smarter procedures, fewer errors

By digitizing and standardizing procedures, Tempo Operating Procedures helps eliminate information-caused incidents, addressing one of the leading causes of industrial downtime.



Mobile, on-demand access

Whether online or offline, workers can access task-specific procedures anytime, anywhere—improving compliance, safety and productivity.



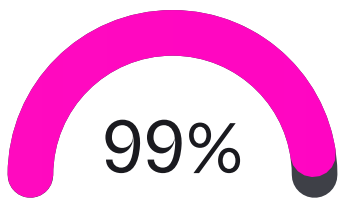
Continuously improves with field feedback

Built-in feedback loops and analytics enable organizations to refine procedures over time—capturing knowledge from experienced workers and accelerating new-hire ramp-up.

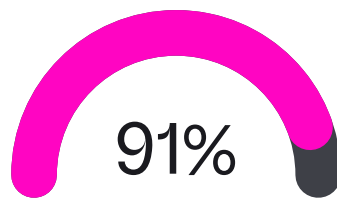
And with seamless integration into other Octave solutions like Octave Tempo Operations Management (formerly j5) solutions or a facility's digital twin), teams get end-to-end support across operations.

The measurable impact

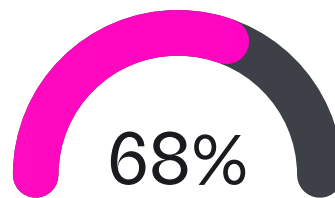
Ready to modernize procedure management? Organizations that implement Tempo Operating Procedures see powerful results:



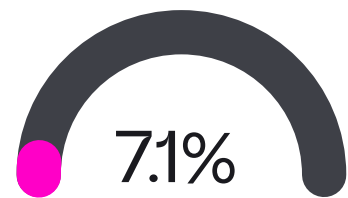
procedure compliance



less time creating new procedures



time saved reviewing old content



increase in wrench time

Ready to modernize procedure management?

Outdated procedures slow teams down, increase risk and lead to costly errors. Tempo Operating Procedures gives your workforce the tools to work smarter, safer and more efficiently.

[Visit us online](#)

Octave provides enterprise software that helps organizations design, build, operate and protect critical industrial and infrastructure assets. Octave supports decisions across the full asset lifecycle where performance, safety and reliability matter and failure is not an option. Octave connects engineering, operational and safety workflows, enabling customers to convert complex operational data into decisions that improve performance, resilience and incident response across real-world environments. Octave has more than 7,000 employees in 45 countries. Learn more at octave.com and follow us on [LinkedIn](#).