



SOLUTION SHEET

Digitizing operator rounds

Digital solutions make operator rounds simpler, smarter and safer.



So why do so many plant operators still use paper when inspecting critical equipment?

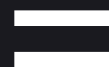
Regularly inspecting areas and equipment is key to safe, efficient operations in hazardous industrial plants. Yet many operators still use paper checklists to collect safety-critical information on their rounds. Manual approaches keep organizations stuck in catch-up mode, leading to issues like:

- Double work due to manual re-entry and human error
- Lack of visibility for plant-wide inspection data
- Ineligible and inconsistent records
- Lower, slower data anomaly detection
- Remedial follow-up workflow procedures are not automatic
- No dynamic guidance about safe operating limits
- Trends from previous operator rounds, the distributed control systems (DCS) and data historians not readily available
- Lack of operational context in hazardous environments

Compliance becomes more difficult when operator rounds are managed across paper, spreadsheets and documents. Records are harder to trace. Inspections are harder to verify. Problem-causing patterns are harder to spot. When operators use outdated procedures or fail to complete forms properly, transparency and traceability are compromised.

An Octave study of **101 industrial accidents** linked to poor human procedures discovered **405 fatalities**, **2,163 injuries** and more than **\$150 billion** in losses.

Human procedural error



405 fatalities
2,163 injuries
\$150B loss

Digitally transformed operator rounds empower workers while ensuring plant-wide visibility that optimizes operations.

Octave Tempo Operator Rounds and Routine Duties (formerly j5 Operator Rounds and Routine Duties) helps companies digitize operations, reduce risk and maintain compliance.

- Familiar, spreadsheet like interface accelerates adoption and time-to-value
- Safety-critical data is instantly captured and accessible in real time
- Consistent records surface trends and highlight emerging risks
- Data captured at the source reduces human error and rework
- Stronger communication improves asset performance management and risk response
- Historical trends provide context and strengthen the human sensor
- Remedial actions can be triggered instantly during inspection to reduce lost time and costs
- Inspection data feeds directly into shift handover reports for seamless continuity
- Up-to-date procedures are delivered automatically to support compliance



The Tempo Operator Rounds and Routine Duties functionality breaks down information silos, eliminating error-prone data and entry and unlocking direct savings from information accuracy, consistent procedures, faster response and increased compliance.

Avoid downtime. Protect profits. Smart inspections help identify opportunities for incremental repairs *before* they become costly disasters.

Eliminate inefficiencies and *empower* your workforce with solutions that are simpler, smarter and safer.

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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