



# Ten Operations Procedures Transformed by j5 Operations Management Solutions

On any industrial site, there are many operations procedures that need to be managed efficiently. It is beneficial to manage these procedures consistently on a single operations management platform, which can also be extended and configured to the future needs of an organisation.

Here are **ten common operations procedures that are transformed by j5 Operations Management Solutions.**



For more information on j5 Operations Management Solutions, please visit

[www.hexagonppm.com](http://www.hexagonppm.com)

## 1. Manual Logging of Operations Events

A stream of operations, maintenance and safety events is constantly occurring at all levels and areas within every industrial site. Unfortunately, there are still inadequate methods such as paper, word processor, spreadsheet and homegrown applications being used to record these events. This increases organizational risk and inefficiencies. Companies across the world utilize the **j5 Operations Logbook** to allow their operations teams to record, manage and view any event in a consistent and efficient way with a web browser and mobile devices.

## 2. Shift-to-shift Communication

Poor shift handover processes have caused catastrophic incidents, creating an important requirement for more efficient, consistent and detailed data at this crucial point of day-to-day operations. Time-consuming tools such as paper, spreadsheets, word processor, databases, email, whiteboards, inconsistent verbal meetings, phone calls and instant messages increase organizational risk and inefficiencies. **j5 Shift Handover** is used by many large multinational organizations to improve shift-to shift-communication and to reduce the risk of any potential hazardous incidents, meeting the Health and Safety Executive (HSE) Shift Handover recommendations.

## 3. Operations Orders

Traditionally, key instructions would be written in the control room on a whiteboard, but this method has limitations. The whiteboard approach cannot be effectively audited and is not mobile; accountability becomes an issue if certain key functions are not performed. **j5 Standing Orders** can be configured to meet a site's specific requirements, from mandatory recorded information to specific enforced approval workflows within a plant. The application keeps a full record of all changes, ensuring an accurate and complete audit trail. Individual j5 Standing Orders are created, approved and assigned by authorized personnel.

## 4. Operations Task Management

Ever-growing amounts of work instructions are issued by planners, maintenance personnel, operations supervisors and controllers at all levels and areas. These are often planned and completed with inconsistent methods. **j5 Work Instructions** allows operations teams to plan, record, manage, view and complete any work instruction consistently and efficiently.

## 5. Follow-up Corrective Actions

The constant allocation of tasks requires efficient action management. Recording these with inadequate and scattered methods can lead to lack of coordination. **j5 Action Management** allows users to assign, define, manage and track actions related to the processes managed in j5 applications. These actions have a standard workflow, dashboards, reports and customized email notifications.

## 6. Responding to Events Captured by Other Industrial Real-time Systems

Real-time events generated by a Distributed Control System (DCS) and / or Data Historians such the OSIsoft PI System®, Wonderware® Historian and Aspen InfoPlus.21 (IP.21) must be recorded and monitored carefully. Not integrating this real-time data into human procedures can seriously impact site efficiency, production and safety. **j5 Event Manager** ensures that real-time events are properly recorded and the correct human workflows are put in place, record specific issues in the j5 Operations Logbook in real time.

## 7. Operator Rounds

Many plant operators still rely on paper checklists and clipboards for inspection rounds and field data collection. Using this method, after an inspection round is complete, the results are usually manually entered in a spreadsheet, database or disconnected application, wasting valuable time and creating unnecessary problems. **j5 Operator Rounds** is used on

industry-standard mobile devices based on popular operating systems, allowing personnel to collect a sequence of measurements or observations according to a predefined plan.

## 8. Incident and Near Miss Management

The crucial management and tracking of incidents and near misses is often carried out with a range of paper and unconnected software. “Home-grown” solutions in each department lead to inconsistencies, maintenance issues, missed deadlines, lack of co-ordination and widespread frustration. **j5 Incident Management** delivers controlled, consistent management of incidents and near misses across all departments with a configurable, easy-to-use web interface.

## 9. Documented Management of Change

Management of change (MOC) ensures that safety, health and environmental risks are controlled when a company makes changes in their facilities, documentation, personnel or operations. Many industrial sites use a combination of spreadsheets, word documents and scattered web applications, creating a safety hazard for personnel where change requests are not administered correctly. **j5 Management of Change** provides a logical and intuitive means of recording MOC events. It gives accredited stakeholders the ability to create MOC records, control the processes around these records and effectively manage the changes through having complete visibility at every step.

## 10. Work Permitting System

Different classes of work permit require different means of managing and certification, and inadequate permit to work processes have contributed to devastating industrial accidents. **j5 Permit to Work** provides a consistent visual interface for the management and control of permits. All the steps are audited and there is a complete record of all transactions in the process. Summaries of j5 Permit to Work records are displayed in j5 Shift Handover reports and can be shared by email with nominated recipients.

## About Hexagon

Hexagon is a global leader in sensor, software and autonomous solutions. We are putting data to work to boost efficiency, productivity, and quality across industrial, manufacturing, infrastructure, safety, and mobility applications.

Hexagon's PPM division empowers its clients to transform unstructured information into a smart digital asset to visualize, build and manage structures and facilities of all complexities, ensuring safe and efficient operation throughout the entire lifecycle.

Hexagon (Nasdaq Stockholm: HEXA B) has approximately 20,000 employees in 50 countries and net sales of approximately 3.9bn EUR. Learn more at [hexagon.com](https://www.hexagon.com) and follow us @HexagonAB.