



# j5 OPERATIONS AND PROCESS SAFETY MANAGEMENT SOFTWARE APPLICATION SUITE OVERVIEW

## Common Operations and Process Safety Management Software Problems

For many years, industrial sites have been using paper, spreadsheets, word processor documents, scattered databases and other inadequate data collection and sharing tools for crucial human procedures like Shift Handover, which add unnecessary risks to worker safety:

- Applications are disconnected and information is not easily shared between teams
- Vendors offer singular applications which paper over the cracks
- Operations and HSE personnel use different systems, missing out on crucial overlapping data
- No mobile applications, meaning field personnel don't have access to key information
- Important real-time and process data from Data Historians, CMMS, DCS, EAM, PLC and SCADA systems is detached
- Scaling to other departments and sites is a laborious task
- Vendors make software that is difficult to configure which wastes time, adds financial costs and encourages unnecessary change requests
- Creating mobile extensions of applications requires advanced coding skills and / or vendor engagement

## Solution: The Only Operations Management Platform With Spreadsheet Configurability and Enterprise Scalability

j5 Operations and Process Safety Management Software is one evolving framework of operations management and process safety applications, connecting people and processes from across an organization.

j5 Operations and Process Safety Management Software is not an underdeveloped add-on or a loss leader, it is a solid platform that has been continually developed over a sustained period. j5 2015 introduced a packaged, upgradable system where site configuration was segregated to allow for relatively effortless upgrades.

The disruptive j5 IndustraForm® Templates technology allows customers to transform paper, forms, and spreadsheets into enterprise level applications. But crucially it also allows customers to configure j5 Operations Management Software in a familiar spreadsheet-like environment. This configuration even extends to mobile devices.

As j5 Applications and j5 IndustraForm Templates all exist on the same desktop and mobile framework, upgrading multiple j5 Applications and j5 IndustraForm Templates is stable and hassle-free. The simple upgrade process saves time and financial costs, allowing customers to allocate more resources to operate their plants.



## j5 Operations Applications

- j5 Operations Logbook: record, track and manage industrial events
- j5 Shift Handover: achieve consistent, safe and fully-informed shift handovers
- j5 Standing Orders: communicate, distribute and track instructions
- j5 Work Instructions: productively manage the continuous stream of work instructions
- j5 Event Manager: monitor and action real-time data tags and events
- j5 Inspection Rounds: conduct rounds and collect information with mobile devices
- j5 Action Management: systematically manage and track actions
- j5 Product Movements: track transfers and volumes of industrial fluids

## j5 Maintenance and Process Safety Applications

- j5 Incident Management: track the progress of near misses or incidents
- j5 Inspection Rounds: conduct rounds and collect information with mobile devices
- j5 Permit to Work: control and track the progress of work orders and permitse
- j5 Management of Change: manage changes affecting an industrial process with consistent, formal procedures

## j5 Mobile Applications

- j5 Operations Logbook: record, track and manage industrial events
- j5 Inspection Rounds: conduct rounds and collect information with mobile devices
- j5 Permit to Work: control and track the progress of work orders and permits
- j5 Standing Orders: communicate, distribute and track instructions

## j5 Interfaces

### Data Historian / DCS / PLC / SCADA:

- j5 OSIsoft PI Interface (Asset Framework and SDK)
- j5 Wonderware Historian Interface
- j5 Aspen InfoPlus.21 (IP.21) Interface
- j5 OPC Interface

### CMMS / EAM:

- j5 IBM Maximo Asset Register and Work Orders Interface
- j5 SAP Human Resources (HR) Interface
- j5 SAP PM Asset Register and Work Orders Interface

Other interfaces available on request.

## 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.

Our technologies are shaping urban and production ecosystems to become increasingly connected and autonomous – ensuring a scalable, sustainable future.

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.