

j5 Operations Management Solutions: Mining

Digitalize Operational Processes, Procedures and Permits



Reduce Operational Risk, Digitalize Operations and Meet Compliance

Mining operations have for many years used paper, spreadsheets, scattered databases and other inadequate data collection and sharing tools for crucial human procedures like shift handover. This adds unnecessary risks to worker safety.

The only digital operations management platform with spreadsheet configurability and enterprise scalability, j5 Operations Management Solutions (j5 OMS) connects people and processes – transforming management efficiency and process safety procedures across the mine.

The Challenge

Mine Operators Frequently Encounter Problems Connecting Operations and Process Safety Management Software

- Applications are disconnected, with difficulty sharing information between teams
- Vendors offer point solutions unable to address wider issues
- Operations and HSE personnel use different systems, missing out on crucial overlapping data
- Lack of mobile applications deny field personnel access to critical information
- Important maintenance, real-time and process data becomes detached (from data historians, EAM software, PLC and SCADA systems, the CMMS and the DCS)
- Scaling to other departments and sites is difficult and time-consuming
- Some vendors software can be difficult to configure - wasting time, adding costs and requiring change requests
- Creating mobile extensions for applications requires advanced coding skills and/or vendor engagement

j5 Operations Management Solutions

The Only Operations Management Platform with Spreadsheet Configurability and Enterprise Scalability

j5 OMS is an evolving integrated framework of operations management and process safety applications that connect people and processes across your mining operations.

An established, field-proven software platform, j5 OMS is powered by innovative j5 IndustraForm® Templates. These enable users to transform paper, forms and spreadsheets into flexible and effective enterprise-level applications.

The j5 IndustraForm Designer allow mine operators to configure j5 OMS in a patented and familiar spreadsheet-like environment. This configuration even extends to mobile devices.



As j5 OMS applications and j5 IndustraForm® Templates all exist on the same desktop and mobile framework, upgrading multiple j5 OMS applications and j5 IndustraForm Templates is stable, reliable and an easy process.

This simple upgrade process saves costs and time, allowing customers to allocate more resources on operating their plants.

j5 OMS: Operations Management 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 Mobility	Conduct rounds and collect information in the field
j5 Event Manager	Monitor and action real-time data tags and events
j5 Operator Rounds	Eliminate paper procedures and empower the human sensor
j5 Action Management	Systematically manage and track actions
j5 OMS: Maintenance and Process Safety Management Applications	
j5 Incident Management	Track the progress of incidents and near misses
j5 Control of Work	Control and track the progress of permits and work orders
j5 Management of Change	Manage changes to an industrial process with consistent, formal procedures
j5 OMS: Connectors	
Alarm Management Software, Data Historians, PLC and SCADA Systems and the DCS:	EAM Software and the CMMS:
j5 Connector for Aspen InfoPlus.21® (IP.21)	j5 Connector for HxGN SDx®
j5 Connector for AVEVA® Historian	j5 Connector for IBM Maximo®
j5 Connector for GE Digital Proficy Historian	j5 Connector for SAP® Human Resources (HR)
j5 Connector for OPC Sources	j5 Connector for SAP Plant Maintenance (PM)
j5 Connector for PAS PlantState Integrity™	
j5 Connector for the OSIsoft™ PI System™	
Other interfaces available on request	



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

Our technologies are shaping production and people-related 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.

Hexagon (Nasdaq Stockholm: HEXA B) has approximately 21,000 employees in 50 countries and net sales of approximately 3.8bn EUR. Learn more at hexagon.com and follow us @HexagonAB.