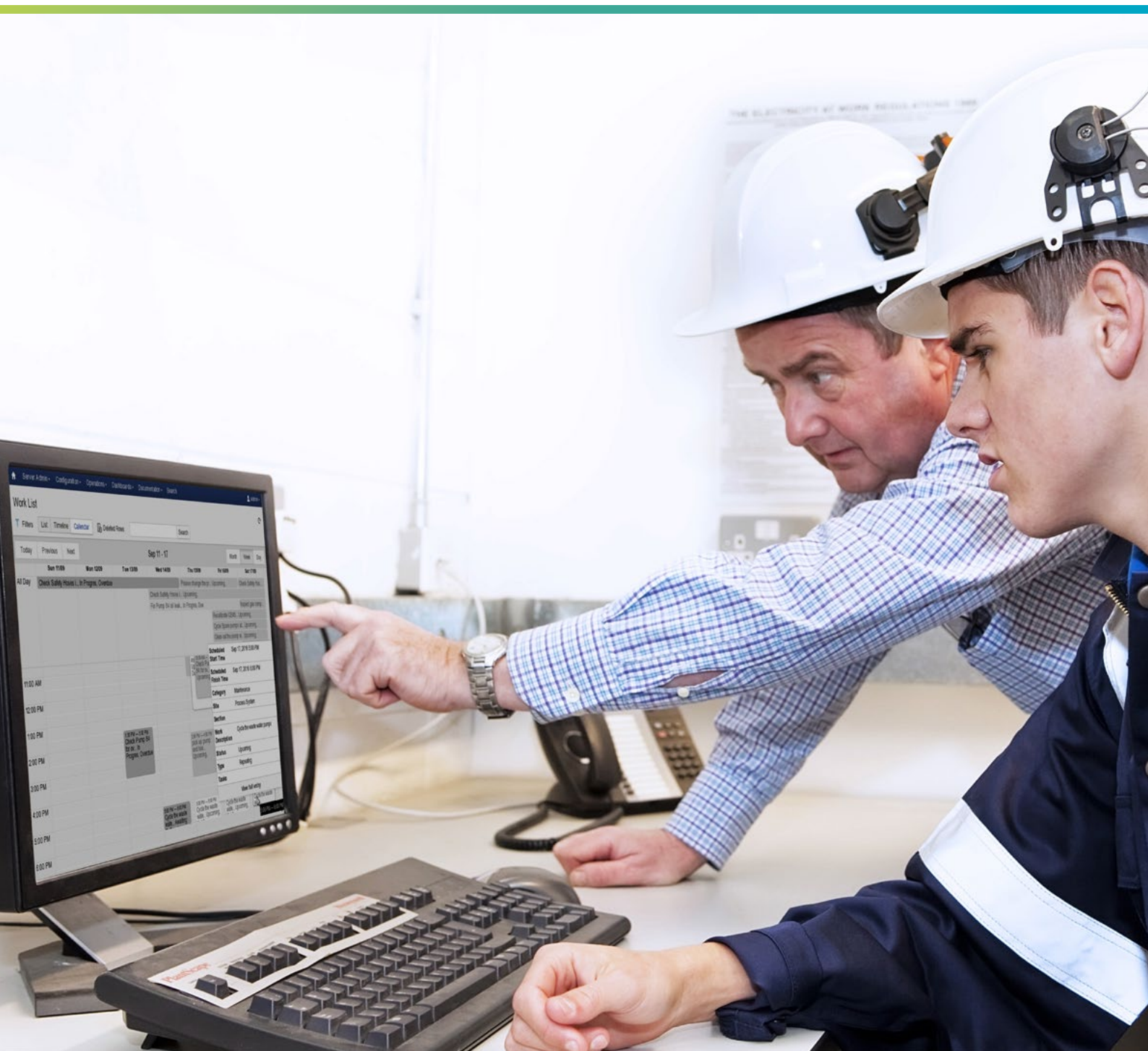


j5 Shift Handover Overview

The Problem

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. Unfortunately, there are still inadequate, time-consuming tools being used during the shift handover process, which increase organisational risk and inefficiencies, such as:

- Paper
- Spreadsheets
- Word Processor Documents
- Scattered Databases
- Email / Text / Instant Messages
- Whiteboards
- Inconsistent Verbal Meetings
- Phone Calls / Radio
- Multiple MES Applications



Often a combination of these tools is used at shift handover, adding even more confusion and black holes of data to the process. Unfortunately, these information gaps have resulted in disastrous consequences highlighted by these 10 industrial accidents where poor shift handover was a contributory factor:

- DuPont LaPorte Toxic Chemical Leak (2014)
- KiwiRail Train Derailment (2013)
- BP Deepwater Horizon Oil Spill (2010)
- Kleen Energy Natural Gas Explosion (2010)
- BP Texas City Refinery Explosion (2005)
- Buncefield Fire (2005)
- Esso Longford Gas Explosion (1998)
- Continental Express Aircraft Crash (1991)
- Occidental Piper Alpha Explosion (1988)
- Sellafield Beach Incident (1983)

How j5 Shift Handover Provided the Solution

To remedy these pains, companies across the world utilize j5 Shift Handover, which is used by many large multinational organisations to improve shift-to-shift communication and to reduce the risk of any potential hazardous incidents. The j5 solution also meets the Health and Safety Executive (HSE) Shift Handover recommendations.



j5 Shift Handover users have reported the following benefits:

- Easy to use
- Consistent shift handover
- Reduces human error
- Wide visibility of shift data
- Eliminates paper, spreadsheets and scattered databases
- Advanced workflow capabilities
- Fast search and filtering
- Integration with other industrial systems
- Integration with other j5 Applications

“The implementation of j5 across the water control function has given greater visibility of ongoing issues and given us a consistent and accountable handover tool.”

Ant Tyler

System Operations Compliance Manager, Thames Water

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 21,000 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.