j5 Shift Handover Overview

The challenge

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 increases organizational 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

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

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, many multinational organizations worldwide use j5 Shift Handover to improve shift-to-shift communication and reduce the risk of potentially hazardous incidents. j5 Shift Handover also meets recommendations from the Health and Safety Executive (HSE).

"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 the 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.

Hexagon's Asset Lifecycle Intelligence division helps clients design, construct, and operate more profitable, safe, and sustainable industrial facilities. We empower customers to unlock data, accelerate industrial project modernization and digital maturity, increase productivity, and move the sustainability needle.

Our technologies help produce actionable insights that enable better decision-making and intelligence across the asset lifecycle of industrial projects, leading to improvements in safety, quality, efficiency, and productivity, which contribute to Economic and Environmental Sustainability.

Hexagon (Nasdaq Stockholm: HEXA B) has approximately 24,000 employees in 50 countries and net sales of approximately 5.5bn USD. Learn more at hexagon.com and follow us @HexagonAB.