j5 Operator Rounds Overview

The Problem

Inspection rounds are a vital day-to-day human process, scheduled across the different areas of an industrial site. The Health and Safety Executive (HSE) categorize the different routine inspection rounds as:

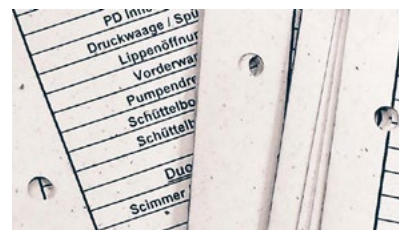**Safety tours** — General inspections of the workplace
Safety sampling — Systematic sampling of particular dangerous activities, processes or areas
Safety surveys — General inspections of particular dangerous activities, processes or areas

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 such as:

- Missing data and unaccounted safety issues

- Data duplication and unnecessary repetition of Inspection Rounds.

- Difficult to find or illegible information

- Delays in follow-up actions to solve operations and safety issues

- Lack of inspection rounds control and guidance for personnel

- Disconnected cameras, required for photographic evidence of problems

Also, despite the push towards automation, a significant amount of process data is not collected and recorded automatically. This makes manual inspection rounds an essential data collection process that must be conducted efficiently and ideally linked to real-time systems such as Data Historians.

How j5 Operator Rounds Provided the Solution

To remedy these pains, companies across the world utilize j5 Operator Rounds. This j5 Mobility application is used on industry standard devices based on popular operating systems, allowing personnel to collect a sequence of measurements or observations according to a predefined plan.

The j5 Operator Rounds Desktop Configuration and Management application allows inspection rounds to be created according to a recurring schedule — such as daily or monthly rounds — or as a once-off round. Personnel can also easily view past, current and future inspection rounds.

j5 Operator Rounds can be used to collect manual data that is Missing from DCS / SCADA / Data Historians like the OSIsoft PI System®. For example, j5 Mobility data can be written into the OSIsoft PI System, providing a clearer record of events happening across an industrial site.

j5 Operator Rounds users have reported the following benefits:

- Collect information during inspection rounds

- Eliminates paper and clipboards

- Real-time data logging

- Integrate photographs, videos and documents

- Manage unacceptable field values instantly

- Compatible with Android, iOS and Windows

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 and follow us @HexagonAB.