j5 Inspection 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
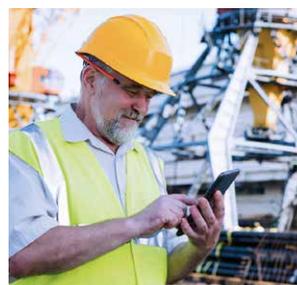
As a result, Inspection Rounds are an important part of health and safety culture and many plant operators still rely on paper checklists and clipboards for Inspection Rounds and field data collection. Using this method, after an Inspection Round is complete, the results are usually manually entered in a spreadsheet, database or disconnected application, wasting valuable time and creating unnecessary problems such as:

- Missing data and unaccounted operations and 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 task 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. Making 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 Provided the Solution

To remedy these pains, companies across the world utilize **j5 Inspection Rounds**. This j5 Mobile 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 Inspection Rounds Desktop Configuration and Management application allows Inspection Rounds to be created according to a recurring schedule – for example daily or monthly rounds – or as a once-off round. Personnel can also easily view past, current and future Inspection Rounds. j5 Inspection Rounds can be used to collect manual data that is Missing from DCS / SCADA / Data Historians like the OSIsoft PI System®. For example, j5 Mobile data can be written into the OSIsoft PI System®, providing a clearer record of events happening across an industrial site. j5 Inspection 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

j5 is a powerful Operations Management Platform that empowers people to manage and adapt evolving industrial processes.

Safety

We now get reliable, validated site information which is key for us to maintain compliance and ensure the safety of our workers and the general public.

Supervisors

Now I can issue instructions, and see that they are followed precisely. The worksheets collect and filter the important stuff from the units into a single sheet that I can also see on my mobile device.

Production

We now know exactly how well operations have responded to our targets, and if not why not. With the real-time information AND operations logs, we are fully informed to define the next day's operations.

Control Room

We now have rich real-time info in our Shift Handovers, in our target management, in procedures like start ups, in permits etc. Not having this data would seriously impact our efficiency, production and safety.

Engineering and IT

Using a single, intuitive spreadsheet-like tool, we can control every aspect (content, calculations, workflow, communications, presentation etc.) in every worksheet across the organization.

Management

Making informed strategic decisions requires validated data from a huge number of sources presented in a way that we can easily understand. We can also easily distribute our instructions and make sure they are carried out correctly.

Field Operators

I am now connected to the rest of the team via my mobile and I no longer have to get back to the control room to find out what is going on.

THE ONLY OPERATIONS MANAGEMENT PLATFORM WITH SPREADSHEET CONFIGURABILITY AND ENTERPRISE SCALABILITY

Contact j5 International for more information

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