

j5 IndustriaForm® Templates Overview

The Problem

Many organisations are still using scattered datacollection methods to record and manage safety-critical human operations management procedures. These disconnected forms tend to grow rapidly, creating a management nightmare. It is difficult to create and modify new forms using these tools and to make sure that version control is managed properly.

These methods also isolate field workers from what is happening in the control room, and vice versa:

- Paper
- Spreadsheets
- Word Processor Documents
- Scattered Databases
- Email
- Whiteboards
- Verbal Meetings
- Phone Calls / Radio
- MES Applications



Shocking industrial disasters have highlighted the risks that appear during inadequate human operations management procedures. For example, investigations have found that poor shift handover was a contributory factor in devastating industrial accidents such as:

- 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 IndustraForm Templates Provided the Solution

j5 IndustraForm Templates allow companies to consolidate their paper and electronic forms into a single, configurable enterprise system, providing the following features and benefits to users:

- Ability to transform troublesome paper, forms and spreadsheets into enterprise-level applications
- Optimized for desktop and mobile devices
- Correct forms are automatically presented when a j5 IndustraForm Template event occurs
- Richer data capture with extensive field types
- Embedded workflow ensures correct procedures are carried out
- Ability to automatically and manually flag / highlight concerning data
- Plant status information instantly viewed with tight interfaces to external systems
- Multiple users can access a j5 IndustraForm Template simultaneously
- Dynamic forms enabling continuous improvement
- A j5 IndustraForm Template can be added or enhanced without having to restart the software
- Intuitive spreadsheet-like j5 IndustraForm Designer
- Safe version-controlled forms created and modified with the j5 IndustraForm Designer



“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

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