The Problem

j5 Product Movements Is Designed for Industrial Fluid Transfers in Oil and Chemical Facilities:

• Upstream Oil and Gas / E&P

• Midstream Oil and Gas / Pipelines

• Downstream Oil and Gas / Refining

• Petrochemicals

• Chemical Manufacturing

• Liquefied Natural Gas (LNG)

Often, major global oil and gas production centers - such as the US Gulf Coast, Rotterdam, Singapore and Japan - are not adjacent to the large oil and gas retail centers. As a result, this causes a requirement for a large volume of day-to-day product movements through pipelines, by marine vessels, or by rail. There are various stages an operations team must manage when processing a product movement, such as:

1. Order Recording
2. Ship / Truck / Pipeline Detail
3. Scheduling
4. Transfer
5. Summary
6. Billing

If this routine process is managed and recorded on paper, spreadsheets, word processor documents and other **inadequate** tools, it is difficult to provide essential visibility and context to the operations team (for example, real-time tank levels recorded by Data Historians such as the OSIsoft PI System® and Wonderware by Schneider Electric).

How j5 Provided the Solution

To remedy these pains, companies across the world utilize **j5 Product Movements**. The j5 Product Movements application allows users to track transfers and volumes of industrial fluids, providing an enterprise-wide platform for this routine process. It comes standard with an IndustraForm® which handles a range of possible transfer measurement types, covering both embedded and manual level measurements, as well as flow totalizer and manual volume measurements. It aims to be a flexible solution to a company's Product Movement recording needs. j5 Product Movements users have reported the following **benefits**:

• Easy to Use

• Consistent Product Movements Process

• Advanced IndustraForm Customization

• Saves Time

• Eliminates Whiteboards, Paper, Spreadsheets and Scattered Databases

• Advanced Workflow Capabilities

• Audit Trail

• Integration with Other Industrial Systems

• Integration with Other j5 Applications

• Designed for Industrial Fluid Transfers

• Web Browser Based

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.