



## INFINEUM, GLOBAL IMPLEMENTATION

### Key Facts

**Company:** Infineum

**Website:** [www.infineum.com](http://www.infineum.com)

**Industry:** Petrochemicals

**Products Used:**

j5 Operations Management Software

### THE PROBLEM

Infineum is a world leader in the formulation, manufacturing and marketing of petroleum additives for lubricants and fuels. Established in January 1999 as a joint venture of ExxonMobil and Shell, Infineum draws on nearly 80 years of innovation and has manufacturing plants in the USA, China, Germany, France, Singapore, Italy and Brazil. Infineum is world-class for health, safety and environmental performance and reliability of supply to customers.

Like many industrial companies, shift handover processes and reports varied from site to site. They were manually prepared and time-consuming. Historical shift end data was not easy to search for, filter or retrieve.

As part of its commitment to global manufacturing excellence, Infineum required a tool that would standardize its shift handover processes and reporting across the whole group. The tool would need to be versatile so as to accommodate diversity of sites, units, languages (English, Mandarin, Italian, German, Portuguese), roles, shifts, crews, reports, regulations, data sources and checklists, while ensuring consistency where it mattered and facilitating roll out to new sites.

Each member of the operations team had precisely defined information needs for shift handover – not more and not less – while other information would need to be readily accessible if required. Data would need to be collated from a variety of data sources – local plant historians, maintenance work orders and notifications, lab results, mobile operator inspection round readings, custom databases and daily operating instructions and log entries.

A standardized daily production meeting report for each site was required, as well as custom operations reports for tank levels and other key process variables.

Infineum's tangible objectives were improvements in reliability, accuracy and communication effectiveness, and making routine operator tasks and the preparation of shift reports easier.



## HOW j5 OPERATIONS MANAGEMENT SOFTWARE PROVIDED THE SOLUTION

Hexagon PPM rolled out the j5 Operations Logbook, j5 Shift Handover, j5 Work Instructions, and j5 Dashboards, Reports and Views to meet Infineum's extensive requirements.

j5 Operations Management Software has been delivered together with Wonderware System Platform and Wonderware Historian, which make data available to j5 Applications from the following Infineum IT systems:

- Data Historians at each plant provide key process data that is relevant to specific shift handovers, daily production meetings or process log reports.
- Custom databases at each plant identify, for example, current batch statuses, and violations of process variable and equipment operating windows.
- The asset lists, current work orders and notifications are made available from the computerised maintenance management system (CMMS).
- j5 Inspection Rounds provides notable field data, such as exceptional readings, using a mobile device.
- The laboratory information management system supplies relevant laboratory results.

The following reports are available: Operator Handover, Shift Team Leader Handover, Daily Production Meeting, Tank Level, Daily Operating Procedures, Work Orders and Process Logs. These are tailored to the precise needs of each role, unit, area and site.

j5 Operations Management Software operates from a unified user-interface powered from a single, central server situated in the USA. It can be accessed from any web browser and authorised user that is connected to Infineum's WAN (Wide Area Network), regardless of whether the user is situated in the USA, Brazil, Germany, Italy, Singapore or China. Single Sign On and local languages are supported.



## BENEFITS OF j5 OPERATIONS MANAGEMENT SOFTWARE

- Time is saved and accuracy is increased by producing vital daily reports that were previously collated manually and reducing manual data capture.
- Information is available to all members of the operations team and beyond, resulting in improved communication within shift teams, across shifts and with management and other employees.
- j5 Operations Management Software is contributing to improved decision-making by harnessing the right information, and only the right information, as soon as it becomes available.
- The formalized j5 Shift Handover process ensures that a consistent procedure is followed, reducing the risk of accidents.
- The flexibility of j5 Operations Management Software is enabling the group to harmonise its approach to shift handover and daily production meetings, despite the diversity of its manufacturing plants.
- j5 Shift Handover reports help Infineum to meet its regulatory and compliance obligations.

## 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.

Our technologies are shaping urban and production ecosystems to become increasingly connected and autonomous – ensuring a scalable, sustainable future.

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.