



CASE STUDY

Infineum saves time and increases accuracy with global implementation of Octave Tempo Operations Management

Key facts:

Company: Infineum

Website:
www.infineum.com

Industry:
Petrochemicals

Octave products used:
Tempo Operations Management (*j5 Operations Management Solutions*)

Key benefits:

- Standardized preparation and handover of shift reports
- Custom operations reports available for tank levels and key process variables
- Digitalization of manual reports, saves time and increases accuracy

Global implementation of Tempo Operations Management powered by a single, central server accessible from any web browser by any authorized user.

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 difficult to search for, filter or retrieve.

As part of its commitment to global manufacturing excellence, Infineum required a tool to standardize its shift handover processes and reporting across the whole group.

The tool would need to be versatile to accommodate diverse sites, units, languages (English, Mandarin, Italian, German and 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 and custom operations reports for tank levels and other key processes were required.

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 Tempo Operations Management solved the problem

To meet extensive requirements, Infineum implemented Tempo Operations Logbook (formerly j5 Operations Logbook), Tempo Shift Handover (formerly j5 Shift Handover), Tempo Work Instructions (formerly j5 Work Instructions) and Tempo Operations Management dashboards, reports and views. Tempo Operations Management connects with external historian databases, which makes real-time data available to Tempo Operations Management solutions from all Infineum systems.

- Data historians at each plant provide key process data 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 variables and equipment operating windows.
- Asset lists, current work orders and notifications are available from the Computerized Maintenance Management System.
- Tempo Operator Rounds and Routine Duties (formerly j5 Operator Rounds and Routine Duties) uses a mobile interface to provide notable field data, such as exceptional readings.
- 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.

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

Benefits of Tempo Operations Management

- 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.
- Tempo Operations Management contributes to improved decision-making by harnessing the correct information as soon as it becomes available.
- The formalized Tempo Shift Handover process ensures that a consistent procedure is followed, reducing the risk of accidents.
- The flexibility of Tempo Operations Management enables the group to harmonize its approach to shift handover and daily production meetings, despite the diversity of its manufacturing plants.
- Tempo Shift Handover reports help Infineum meet its regulatory and compliance obligations.

About Octave

Octave is a leader in enterprise software, turning data into decisive action and intelligence into your edge. Our software solves for and simplifies complexity, from the design and build to operations and protection of people, property and assets – for any scope, at any scale. For decades, we've partnered with customers to sharpen performance, elevate efficiency and amplify results. From factory floors to entire cities, our solutions are tuned to scale up what's possible from day one onward.

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