

PEL Management of Change Service

The PEL Management of Change (MoC) cloud-based service delivers improved MoC efficiency, consistency, and compliance by combining FoCul's proven online MoC platform with the expertise of TÜV Rheinland. This combination optimises MoC processes, provides targeted process performance metrics and ongoing assurance audits.



MANAGEMENT OF CHANGE

Management of Change is a critical issue across the process industries and remains a challenge. We all want an MoC system that achieves the following.

- Easy to progress through the system
- Tailored to the change at hand
- Structured to guide the user in complying with company policy
- Transparent about progress and highlighting next actions
- Auditable to ensure consistency and compliance

THE CHALLENGE

Creating an MoC system requires careful consideration of the people using it, the procedures in place, and the technology employed. Although we all aim for an efficient, effective, and transparent MoC, there are many barriers to achieving this:

- One of the key issues is the system being too bureaucratic, requiring too many signatures. Engineers often want to 'get the job done', so short cuts can emerge. The solution to this is to tailor the system, short form, and long form MoC, making the system fit the problem and not the other way around.
- MoCs getting 'stuck in the system' and delaying progress is another issue which results in the breakdown of MoC systems. Having a clear roadmap and transparency across the system for all users to see helps to address this issue.

- New MoC systems rarely fully work straight out of the box, issues, and edge cases always arise. If these are not addressed users can lose faith in the system and revert to previous or informal systems. Having a system which is reviewed, user feedback sought and implemented within a flexible technology can address this issue.
- Consistency and adherence to the procedure can degrade the MoC process over time, training is provided when new systems are new, but custom and practise can then creep in.

THE SOLUTION

TÜV Rheinland and FoCul have developed PEL-MoC, a partnership that combines a proven digital MoC platform with Subject Matter Experts (SMEs) from TÜV Rheinland to help customers optimise their MoC processes, deploy a robust cloud based MoC solution and, importantly, provide ongoing support to help ensure that the MoC processes deliver business value.

PEL-MoC provides:

- A proven cloud based MoC application system, developed from best practices across the process and utility sectors.
- Subject Matter Expert Support in reviewing current MoC processes, recommending improvements and defining the process to be implemented into the software.
- Configuration and implementation support for the software.

- Communication and training to staff on the MoC process and software.
- Software application support (working hours, weekdays)
- Initial close support for the first 3-6 months after the deployment as the new processes become established.
- Regular audit and review of the system from our SMEs (frequency to suit), to improve the system and to ensure consistency.
- Management reports on key KPIs and recommendations following audits and reviews.
- Implementation of improvements to the system based on feedback and reviews.

TÜV Rheinland recognise that the needs of the customers and the level of support desired will vary and will adjust accordingly.

BENEFITS

Any successful system implementation needs to address the People, Processes and Technology. We believe that PEL-MoC combines a proven, flexible and easy to deploy cloud based application (Technology) with the expertise of TÜV Rheinland in MoC (People and Processes) to provide an easy to use, tailored, structured, transparent and auditable MoC solution.

Management of Change is one of the biggest process safety and business/operational risks and this solution can help manage and minimise that risk.

THE MOC APPLICATION

The FoCul cloud-based MoC platform is an established system that has been developed from best practices across the process and utility sectors.

The platform improves control, efficiency and auditability whilst also making the MoC process more inclusive. The platform also improves corporate knowledge by making it much easier to understand what changes have been made and why they were made.

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Reference	Status	Plant	Due Date	Outstanding Actions	Title
2024-034	Risk Assessment Preparation	Example Plant 1	Apr 15 2024	2	Install flow meter upstream of pump P1234
2024-033	Risk Assessment Preparation	Example Plant 1	Apr 10 2024	6	Change to 6 shift pattern for Operations
2024-030	Complete	Example Plant 1	Mar 30 2024	0	Change POC control card for later version of same model
2024-029	Risk Assessment Preparation	Example Plant 1	Mar 14 2024	1	Replace F1234 flow meter head unit with updated version from supplier
2024-023	Draft	Example Plant 1	Mar 14 2024	2	Line IBC band with new material
2024-024	Assessing Risk Classification	Example Plant 1	Mar 14 2024	2	Vessel support repair - 31V101
2024-025	Risk Assessment Preparation	Example Plant 1	Mar 14 2024	2	Tantalum patch 400 glass lined vessel 33V107
2024-026	Assessing Specification Review	Example Plant 1	Mar 14 2024	0	Additional safety shower in area 31
2024-027	Completing Assesing Review	Example Plant 1	Mar 14 2024	0	Additional sample branch on distilled water loop
2024-028	Complete	Example Plant 1	Mar 14 2024	0	New IBC monitor in area 37

PEL-MOC Change request screen.

SYSTEM DEPLOYMENT

TÜV Rheinland SMEs will find the most appropriate MoC processes for your needs in order to make configuration and implementation as efficient as possible.

We will work with you to configure the system to meet your needs, train your staff in both using the platform and, equally important, the importance of good MoC practices.

We will also work with you to migrate your existing MoCs into the new system in an appropriate manner.

BENEFITS OF CLOUD APPLICATIONS

PEL-MoC is based in the Microsoft Azure cloud. The platform is provided on a "Software as a Service" (SaaS) basis whereby you pay a fixed monthly fee to TÜV Rheinland. This fixed fee covers the application support, licencing, hosting, security and regular application upgrades. There are no costs for moving to newer versions as they are released, it is all included in the monthly fee.