

PS Change Manager[®]

PSCM[™]

siemens-energy.com/pscm



Streamline management of change processes efficiently via web-based tracking system

PSCM is a workflow solution enabling improved visibility, consistency, accountability and, control for managing changes in your plant. Management of Change (MOC) is one of the most important elements of Process Safety Management (PSM) which requires facilities to establish and implement written procedures to manage newly introduced changes and hazards to a process.

The importance of Management of Change ties to value linking managing change in plants and refineries, with mitigating risks and adhering to compliance. When leadership makes the connection

between MOC and value (in terms of dollars saved by proactively responding to hazards), MOC moves from a "nice to have" to a "must-have".

In a time of increased reporting, heightened regulatory scrutiny and a multitude of strict compliance mandates, anything less than a robust, automated MOC system can throw a wrench in your work processes putting your entire operation and, most of all, your plant safety at risk.

The "Best Practices in Change Management" benchmarking report by Prosci suggests the fact that of the projects with excellent change management programs in place, 95% meet or exceed objectives.

Our Expertise

Siemens has the expertise to implement "Best Practices in Change Management". Siemens has successfully deployed PSCM for approximately 1200 users at the largest and most advanced refineries and chemical plants worldwide. What differentiates Siemens PSCM from competing software solutions?

- **Our people**, our process safety consultants working in tandem with our software delivery team brings our full depth and breadth of experience to your operation
- **Our history**, initial MOC solution built and customized for a world-renowned petroleum company utilizing PSCM today

- **Best-in-class** methodology with over 13 years of global deployment and 20+ years process safety experience
- **Tailored solutions** configured specifically for your plant, offering an out-of-the-box or customizable solution for your site-specific needs

Our Value, Our Customer

- It can be difficult to maintain a paper-based workflow or stay abreast of industry standards. Manual or paper-based MOC processes create room for error and inefficiencies. The benefit for our customers is the assurance that when PSCM is implemented, qualified changes to process equipment, operating procedures, and the organization do not unintentionally introduce new hazards or unknowingly increase the risk from existing hazards.

Published by

Siemens Energy
Process & Safety Consulting
USA Headquarters
15375 Memorial Drive
Houston, TX 77079

Asia Pacific: Singapore
Canada

Europe: Belgium
CEE: Romania

United Arab Emirates: Abu Dhabi

1 (800) 658-8809
+1 (713) 570-2900

info.oqconsulting.energy@siemens.com

Siemens Customer Software Support Portal
siemens.force.com/cep

Subject to changes and errors. The information given in this document only contains general descriptions and/or performance features which may not always specifically reflect those described, or which may undergo modification in the course of further development of the products. The requested performance features are binding only when they are expressly agreed upon in the concluded contract..

- Long cycle times for MOC closure, temporary resources to “look after the MOC paperwork”, duplicate requests to review already approved documents, improper documentation, and lack of audit trails are some of the evidences of poor best practices of change management.
 - Siemens facilitates and tracks management of change from input to closure – for greater visibility, consistency, accountability, and control
 - Potential change situations are identified and evaluated by evaluating possible impacts, hazards, and risk
 - Critical documentation is maintained in this process that can be used later to compare MOC drivers and make more informed, strategic business decisions
- All closed MOCs can be archived in the database and can be accessed at any time for auditing purposes.

Core Capabilities

- **Web-based** electronic management of change eliminates paper MOC packets, handwritten signatures and serial approvals– reducing significant time and resources
- **Addresses multiple management layers** whether it is concerns of HSE changes, lack of training, regulatory violations, increased project costs, etc., PSCM will resolve various pain points for specific manager’s within your organization
- **Notifications and reminders** are sent when approvals are overdue or expedites approvals when they are greatly overdue, assuring changes remain on track

- **Management vs Tracking** optimizes business operations by boosting productivity, increasing plant runtime and profitability, and ensuring a safe and healthy environment for employees
- **Reporting** enhanced for improved tracking, oversight, and data analysis
- **eMOC audit logs** enhanced to assist customers in creating a clear, auditable trail that helps not only ensure important elements of regulatory compliance, but also to be certain that potential risks from process or plant modification is addressed

Management of Change

Working with Siemens consultants to optimize your management of change process can help your plant manager, engineering managers, and other employees in your facility sleep easy knowing that changes in your facility are being evaluated thoroughly and accurately.

Services

- Procedure, guidelines, workflow, or checklist development
- Process safety information “evergreening”
- Audit of current MOC process effectiveness and outcomes
- Optimization of MOC procedures
- Implementation of electronic MOC system