



SMARTPLANT® ENTERPRISE FOR OWNER OPERATORS OPERATING PLANT SOLUTION

The Intergraph® SmartPlant® Enterprise for Owner Operators (SPO) Operating Plant Solution builds on the SPO Core Solution and provides business packages supporting common, critical work processes for the operating plant.

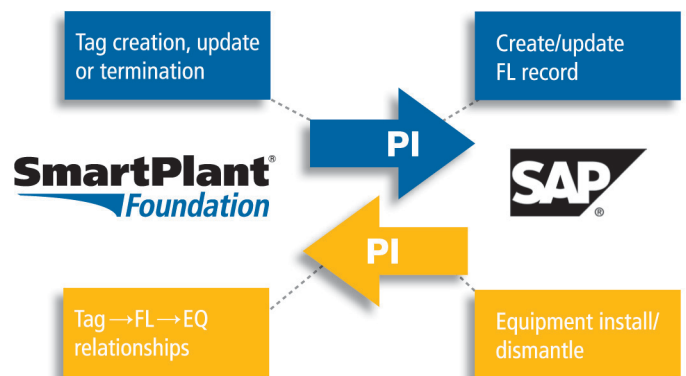
MANAGEMENT OF CHANGE FOR OPERATIONS

Maintaining the accuracy of essential plant engineering, maintenance, and operations information is crucial to safe and efficient plant operations. Traceability of plant changes and auditability of the management of change (MOC) process is essential to demonstrate compliance with regulatory requirements. We've designed the Management of Change for Operations business package to provide rigorous MOC of engineering information with full traceability and audit trail.

This solution supports the synchronization of information between the engineering design basis in SPO and other third-party systems such as computerized maintenance management systems (CMMS) to provide ensured consistency. This is important to ensure all maintainable equipment is captured and has an appropriate maintenance plan and that change in the design basis for equipment is reflected in the CMMS to ensure correct purchase of replacement equipment and parts.

Tags created, updated, or terminated in the design basis will trigger an automated update of the corresponding functional location in the CMMS such as SAP® EAM using SAP NetWeaver® PI. Similarly, when you install or replace equipment against a functional location in SAP EAM, you'll receive an update of the corresponding data in SmartPlant Foundation that holds the links between tag, functional location, and equipment. Out-of-the box, end-to-end integration is available for SAP. The synchronization process in SPO is generic and can potentially be extended to other third-party systems, including parallel synchronization with multiple systems if needed.

The MOC process includes the review, authorization, design, engineering, approval, and confirmation of implementation and incorporation of as-built updates. It also addresses the process of notifying maintenance to perform changes by optionally creating notification records in the plant maintenance system. You can also perform the impact assessment of engineering change. During the planning of engineering change, plant engineering must anticipate the MOC implications of planned plant change. The Web portal will assist you in assessing the plant items affected. The linking of affected plant items to changes also facilitates the assessment of change impacts with other ongoing or pending changes.



The Management of Change for Operations business package offers automated, bi-directional synchronization of data between the engineering design basis and SAP PM.

