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Factsheet

XFT Change Manager

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SAP® Certified
Integration with SAP S/4HANA®



About XFT Change Manager

Mapping Change Management Processes

XFT Change Manager helps you to manage change processes in your company more easily, starting with the change request (ECR), continuing with the change order (ECO) and ending with implementation in the plants (MCO). The scope of change results from the use of components in BOMs or BOM explosion. Information from the material master and logistics (for example, plant assignment, procurement type, stock) is displayed and evaluated. From this information, the areas and processors for releasing and distributing tasks are determined. Agents are notified of their tasks via workflow and e-mails. The tasks are displayed clearly sorted by area, for example, Purchasing and Engineering. A worklist of tasks is displayed by area (for example, Purchasing). The scheduling of tasks and steps is controlled at each level by the planned implementation date.

Overview of Features

Central Database for all change transactions

- Company-wide all change processes within SAP at a glance
- Division into three ECM process phases:
 - Engineering Change Request (ECR)
 - Engineering Change Order (ECO)
 - Manufacturing Change Order (MCO)
- Process start with ECO and MCO also possible
- Working from a common organizer
- Research across all processes and different ECM process phases
- Simple and flexible creation of own evaluations
- Quick access to recently processed processes
- Bundling of all metainformation and documents in an electronic ECM file

ECM Files:

- Clear and adaptable record structure
- Secure storage of all documents and correspondence related to the change
- Integration of MS Office and email clients
- Linking and using SAP objects and other master data



Phases of the Change Process

Engineering Change Request (ECR):

- The applicant has the possibility to enter important information such as the reason for the change, the desired data or notes (problem description, effect to the change, proposed solution)
- Define the scope of change by adding one or more change objects to the process such as BOMs, materials, document info records or routings, and enrich the objects with additional data (e.g. change type or notes).
- Group the scope of change into packages by assigning the required change objects to a change number. This is also possible for placeholders.
- The roles responsible for this operation are determined based on the operation data.
- Once registration is complete, the change team (e.g. change coordinator, designer, production manager) is maintained.
- The evaluation step can be modelled in different ways. The evaluation of the different roles such as design, production, material requirements planning, quality management, purchasing, sales and distribution can be modeled both in parallel and sequentially.
- To make it easier to identify the objects affected, functions such as use in BOMs (bill of materials), BOM explosion, use in sales orders, use in purchasing documents are available.
- The proposed solutions can be described using the object-placeholders.
- Once the evaluation is complete, an approval process is started. This can be done with the involvement of various departments.
- In the case of a –simple change –, it is possible to shorten the application phase and, for example, skip the approval.

Engineering Change Order (ECO):

- An ECO can be created from one or more ECRs. Data and objects can be transferred. The scope of change can be extended.
- It is possible to maintain operation data, such as desired end of implementation, planned end or a solution description.
- The change team (for example, change coordinator, designer, person responsible for production) can be maintained.
- The change objects that were created or changed during the technical implementation can be added to the process both manually and in the background.
- Object placeholders can be replaced by the newly created objects.
- The change objects can be viewed in an OLD-NEW comparison.
- The conversion in logistics can be modeled in different ways. The processing of the tasks by the departments concerned can also take place at plant level, both in parallel and sequentially.
- The implementation in logistics can be accompanied by the MCO files.

Manufacturing Change Order (MCO):

- An MCO can be created from an ECO. The relevant data and objects are transferred.
- It is possible to maintain operation data, such as planned end.
- The change team (e.g. change coordinator, person responsible for production, person responsible for purchasing) can be maintained.



- The change objects that were created or changed during the implementation in logistics (for example, routings) can be added to the process manually or in the background.
- Object placeholders can be replaced by the newly created objects.
- Tasks are distributed to the different departments. Scheduling and traffic light control of the tasks support the monitoring of the change conversion at plant level.

Processing the Change Transaction

- The record structure provides an overview of the change objects affected.
- There are detailed, list-like, editable views for all the affected change objects (BOM, material, document info record, routing, customer, supplier).
- There is a central processing interface with different views for all the concerned departments.
- Processing of the data by authorized persons is guaranteed. For example, purchasing data may only be maintained by the relevant purchaser.
- Process participants can work on an operation in parallel without locking each other.

Task management

- In the task catalog, tasks can be defined at several levels (e.g. process, plant, BOM, material, document info record, customer, supplier, routing).
- Tasks can be created automatically depending on the plant, change type, procurement type, status and extended data.
- Manual creation of ad-hoc tasks possible.
- Predecessor-successor relationships can be mapped.
- Structured working with tasks through role-based assignment and mass processing of related tasks.
- Multiple persons responsible for a task are possible.
- Worklist with e-mail notification and substitute function facilitates the processing of tasks.

Compliance

- Documentation of workflows and releases
- Logging of accesses and data changes
- Access control with SAP role system
- Advanced access control with XFT dynamic user groups

Integration in SAP ERP and XFT Product Landscape



- Access to and interaction with SAP application and master data and transactions



- Jumps to the affected SAP master data: BOM, Material master, document info record, routing, customer, supplier, change master
- The parts list for the material can be opened and viewed
- For the material, the usage as a component can be displayed in parts lists
- The usage in sales orders can be displayed for the materials concerned
- For the materials concerned, the use in purchasing documents can be displayed
- Support along the entire process chain through interaction with other XFT tools
- Connecting several ERP systems to one central change management system (XFT Connector Framework)
- Certified SAP Add-On - 100% compatible with SAP ERP and S/4 HANA
- No additional infrastructure necessary
- Extensive expansion possibilities of the functions via existing expansion points

Would you like to learn more about our products or see what XFT Change Manager can do for your business? Contact us today for a live demo!



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