

Teamcenter Change Management

Collaboratively performing rapid and full change management across your product lifecycle

fact sheet

Siemens PLM Software

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► Summary

To enable you to continuously and systematically improve your product offerings, Teamcenter® software provides best practice solutions for rapid change and full change management with the world's leading PLM digital enterprise backbone.

Benefits

Enables you to improve your products faster than your competition

Allows you to quickly respond to marketplace dynamics

Provides you with the option of expediting simple product changes or formally controlling complex changes

Integrates entitled suppliers and allied partners into your change processes

Enables decision makers to understand the business case that justifies a proposed change

Ensures adherence to corporate standards and business rules

Leverages continual improvement loops across your change processes

Solving your change management needs as flexibly as possible

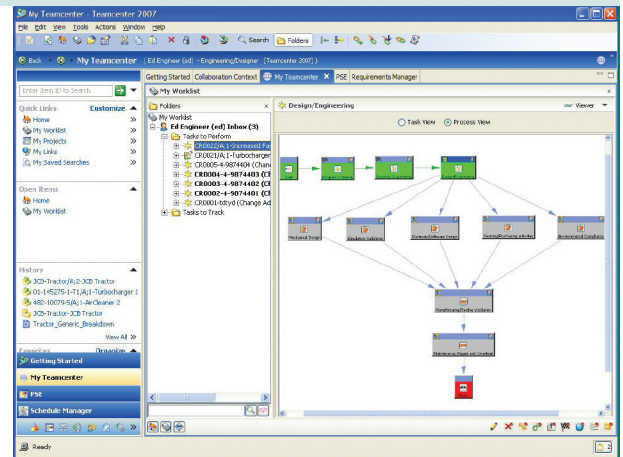
Teamcenter's unsurpassed flexibility enables you to apply two best practice approaches to initiate, administer, review/approve and execute product changes on an enterprise basis, including:

- A formal process that takes advantage of multiple change documents (e.g., strategies, and change notices) and extensive implementation planning to manage product change repeatedly and systematically in accordance with the requirements of the industry-standard CMII closed-loop change model.

Both approaches facilitate integrated product change, which enables you to replace the piecemeal systems traditionally used to manage product change with a single enterprise solution that automates your change process, minimizes change-related rework and coordinates the work tasks performed across your extended enterprise.

Both approaches incorporate customer-proven best practices that enable you to deploy a pre-configured solution that accelerates your time-to-value and maximizes the return on your investment. These best practices enable you to account for changes in design intent and trace all related dependencies and decisions across the lifecycle of your products.

Users can leverage their solution's closed loop model, real-time tracking and detailed metrics to ensure the accuracy of your change packages and enhance their visibility. This combination of capabilities allows you to make certain that all of the work tasks associated with your product changes are actually performed, that they conform to your company's standards and business rules, and that your requirements are tied to clear, concise and valid design changes.



Features

Fine-grain change definition, scheduling, execution and tracking

Single-stage change process for rapid change management

Only one change item (change request) needed for rapid change management

Ability to document, review and approve business case

Automatic distribution of change related documents

Real-time status tracking, verification and auditing

Graphical representation of the change history of physical items and their relationships to documented requirements

Teamcenter enables you to create roles-based change processes to ensure that the “right” people in your extended enterprise make decisions or perform assigned work tasks on a timely basis. The solution leverages role definitions to automatically present change implementers with a user interface that matches their assigned change tasks.

Your Teamcenter solution leverages product structure definitions managed by your PLM enterprise backbone. As a result, you can:

- Evaluate the impact of individual product changes
- Create streamlined work breakdown structures that can be injected into your implementation plan
- Audit the execution and completion of assigned work tasks
- Notify users when assigned change tasks need to be expedited
- Maintain a complete history of product changes executed during the product lifecycle
- Verify conformance to documented requirements
- Track both planned and actual impacts to the product information associated with your proposed changes

Use case scenario (rapid change management)

Users initiate a rapid product change by creating a change request that incorporates the business case for adopting the product change along with a proposed implementation plan.

To expedite the change process, the change request identifies the impacts of the proposed product change. These impacts describe what documents and designs have to be changed to support the improvement in question.

Approval of the change request authorizes work to begin on the execution of specific product changes. Fast-track review/approval is supported as an option. This enables change “owners” (empowered change analysts) to approve the change request without going through a change review board.

Once the change request is approved, the change request is forwarded – along with its approved implementation plan – to appropriate change implementers. Change analysts can monitor the progress of given product changes by examining the status of individual tasks and determining whether or not they have been closed.

During the execution of a given product change, Teamcenter can update appropriate incorporation dates or units of change without disrupting the integrity of your change package or imposing a further review.

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