



UGS

*Transforming the
process of innovation*



PLM World Teamcenter Express

Teamcenter Express Workflow





Workflow Templates



▶ Status Change

▪ Purpose

- ▶ Allows assignment of status and requires only the review of a checker

▪ Targets

- ▶ ItemRevision, StandardRevision

▪ Approvals

- ▶ Checker

▪ Status

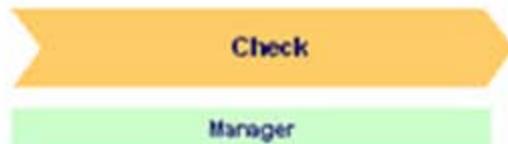
- ▶ 60



Workflow Templates



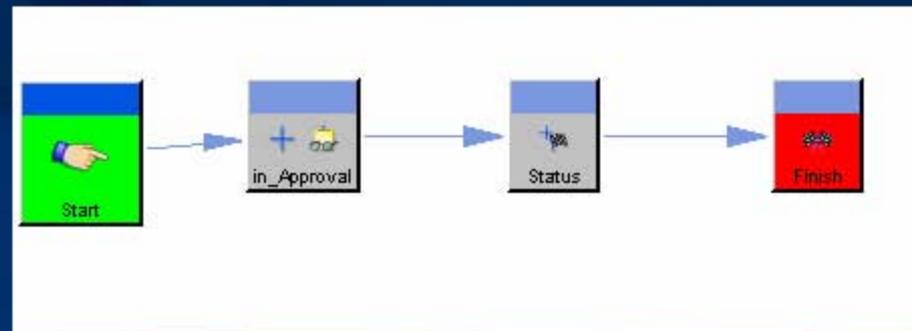
Status Change



Approval



Access- Control	Approver:	R,o (Roll: Checker)	
	Group:	R,o	R,o
	Wbrfd:	-----	R



- ▶ Enables expedited product maturity process
- ▶ Requires approval from checker only



Workflow Templates



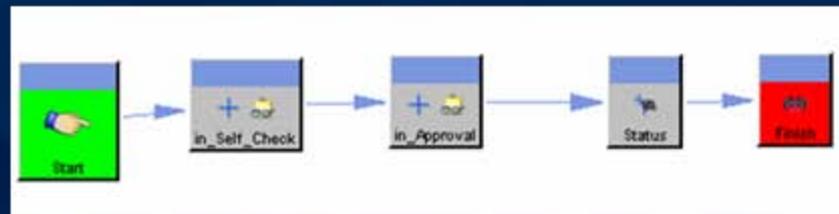
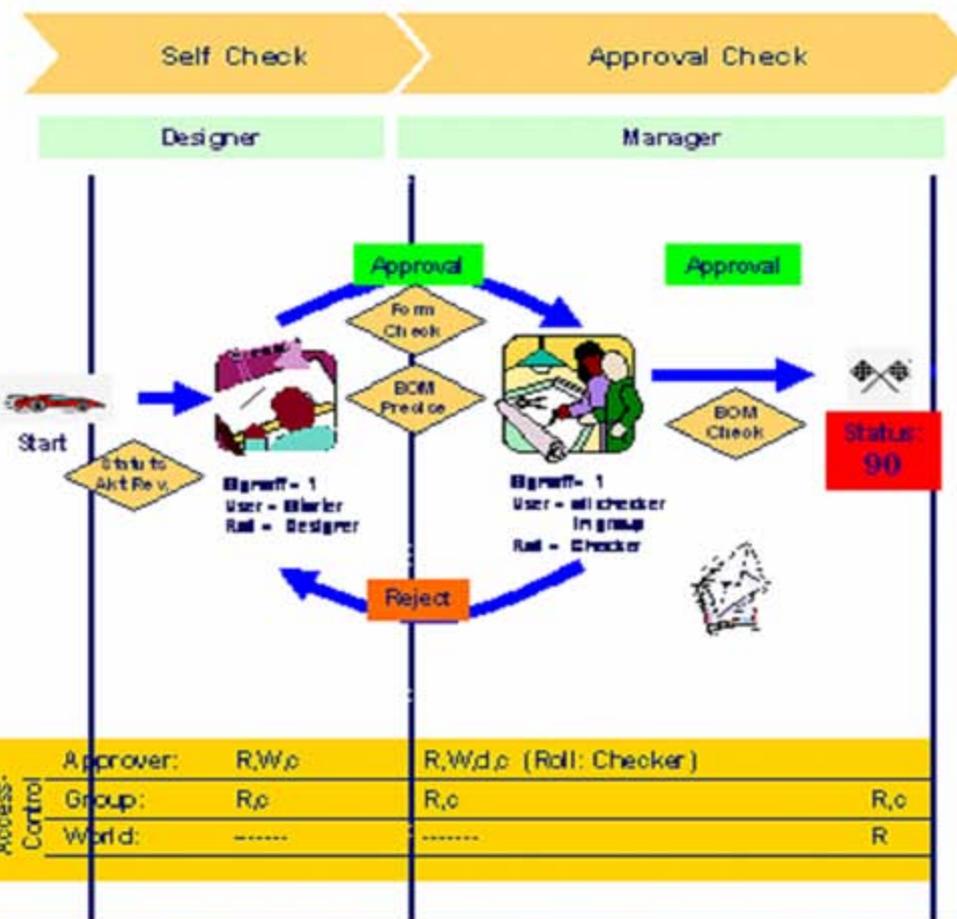
- ▶ Obsolescence Process
 - **Purpose**
 - ▶ Allows parts to be obsoleted
 - **Targets**
 - ▶ ItemRevision, StandardRevision
 - **Approvals**
 - ▶ Initiator
 - ▶ Checker
 - **Status**
 - ▶ 90



Workflow Templates



Obsolescence Process



- ▶ Allows the user to make a part obsolete
- ▶ Modifies item status to 90 or obsolete
- ▶ Workflow ensures that the appropriate users are involved throughout the process



Workflow Templates



▶ Engineering Order

▪ **Purpose**

- ▶ Allows the initiation of an engineering order and the completion of the work it describes

▪ **Targets**

- ▶ Engineering Order Revision, associated ItemRevisions, StandardRevisions

▪ **Approvals**

- ▶ Initiator
- ▶ Manager
- ▶ Checker

▪ **Status**

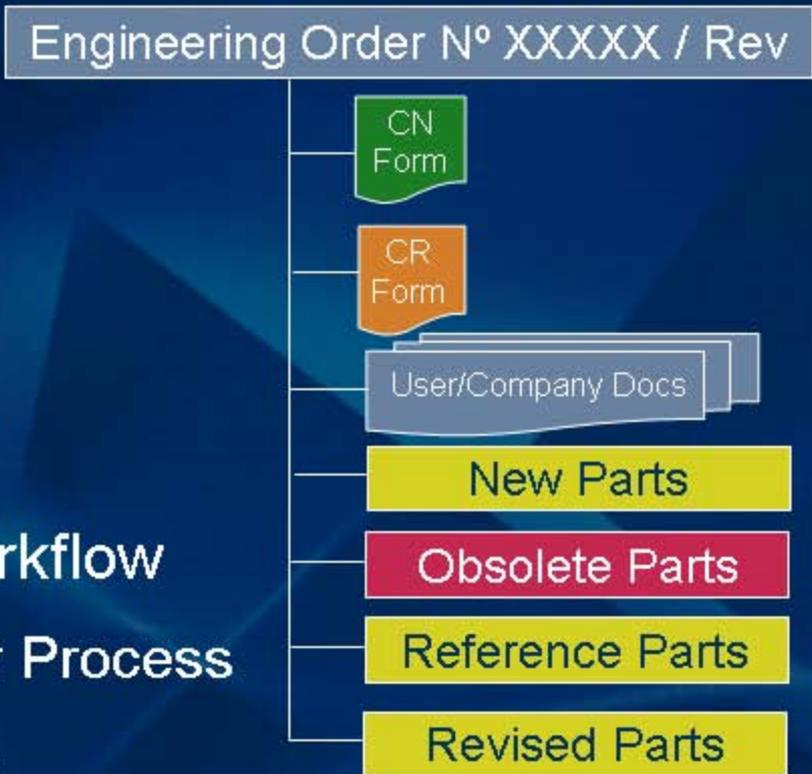
- ▶ 60



Engineering Order Data Model

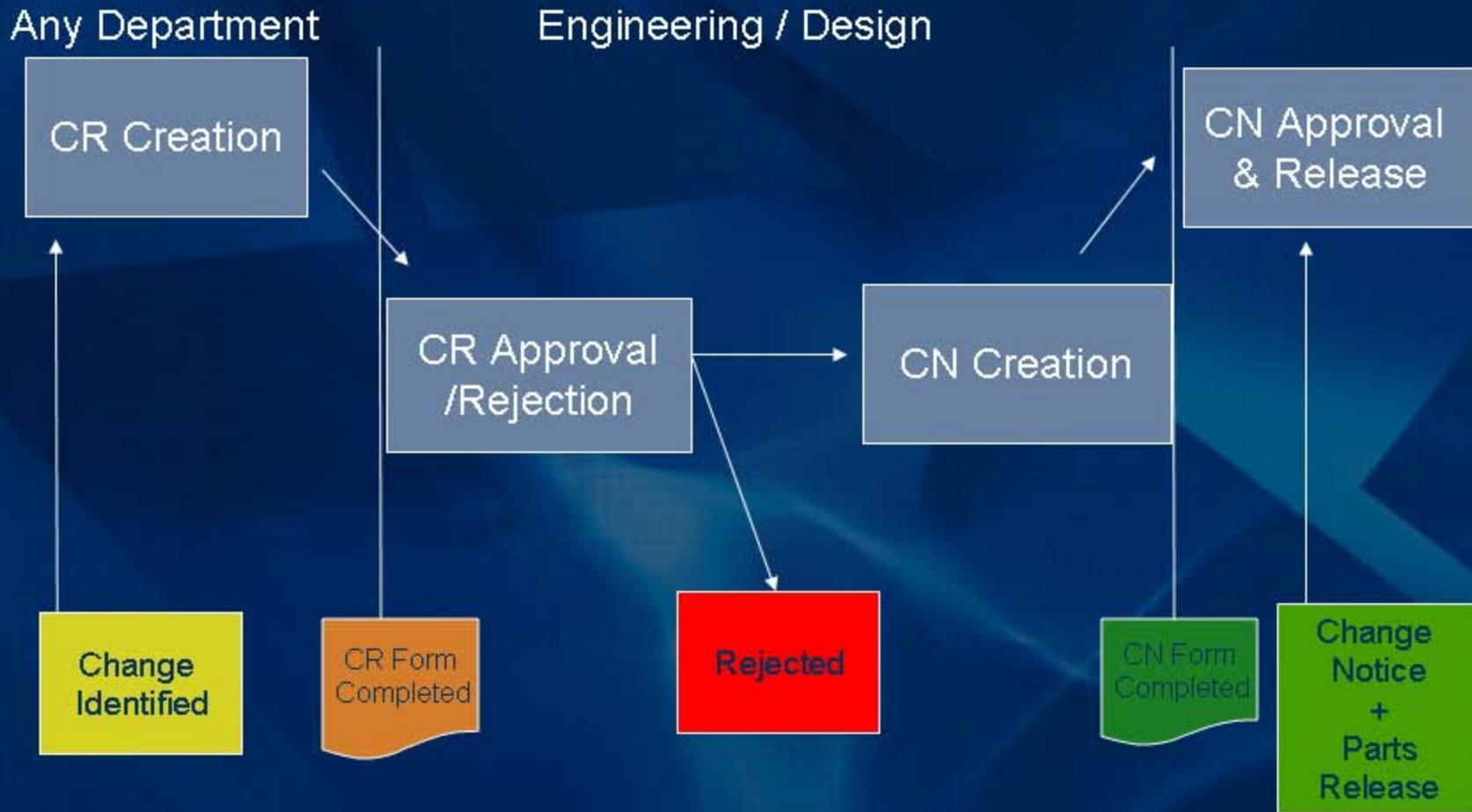


- ▶ Engineering Order
 - Request Form
 - Attached Parts
 - ▶ New
 - ▶ Revised
 - ▶ Versioned
 - ▶ Obsolete Parts
- ▶ Integrated engineering order workflow
 - Covers both Request and Order Process
 - Predefined Users/Groups/Roles
 - Preconfigured signoffs





High-level view of Engineering Order Process





Demo



Product Demonstration



Demo



Workflow for administrators

Product Demonstration



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Q&A

Thank you





Agenda



- ▶ **Workflows**
 - **Teamcenter Express workflows**
 - ▶ Status-based product maturity
 - ▶ Engineering order
 - ▶ Queries and reports
 - **Workflows – administration**
 - ▶ Workflow Designer
- ▶ **Questions**



Teamcenter Express Workflows



- ▶ The following is a list of preconfigured workflows in Teamcenter Express
 - Development Release
 - Product Release
 - Obsolescence Process
 - Status Change
 - Engineering Order Release



Status Manager Codes



Status type	Icon	Description
None		Working
10	10	In review
20	20	In Checking
30	30	Development Release
40	40	In review
50	50	In Checking
60	60	Release for Production
70	70	
80	80	
90	90	Obsolete



Workflow Templates



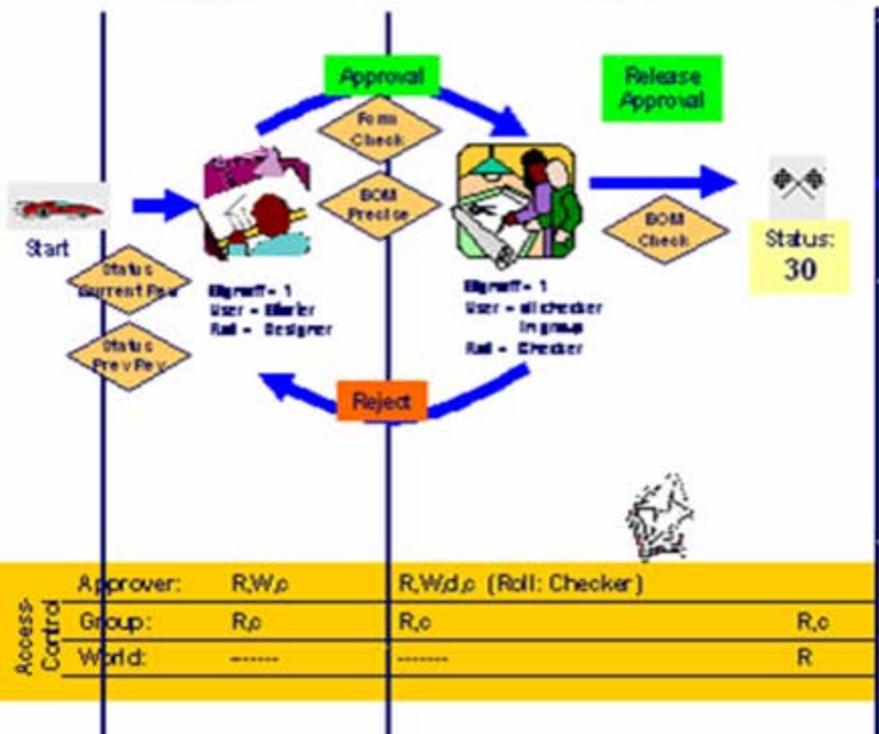
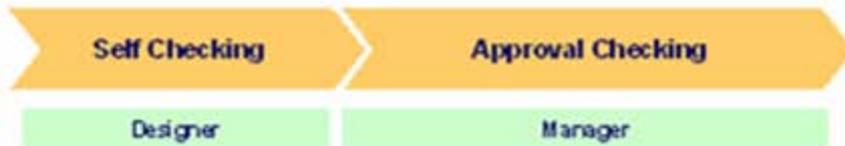
- ▶ Development Release
 - **Purpose**
 - ▶ Signifies that the development work is complete
 - **Targets**
 - ▶ ItemRevision, StandardRevision
 - **Approvals**
 - ▶ Seeks approval of initiator
 - ▶ Seeks approval of checker
 - **Status**
 - ▶ 30



Workflow Templates



Development Release



- ▶ Simple process to mature a product from concept to Development Release phase
- ▶ Preconfigured and ready to use



Demo



Product Demonstration



Workflow Templates



▶ Product Release

▪ Purpose

- ▶ Signifies that the product is ready for production (can be used in conjunction with the Development Release template)

▪ Targets

- ▶ ItemRevision, StandardRevision

▪ Approvals

- ▶ Seeks approval of initiator
- ▶ Seeks approval of checker

▪ Status

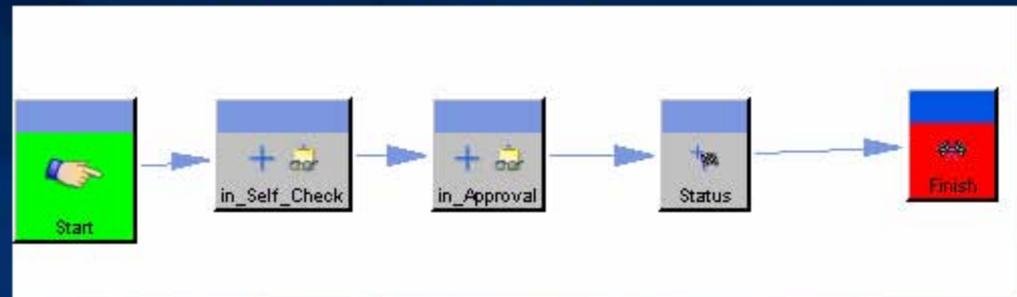
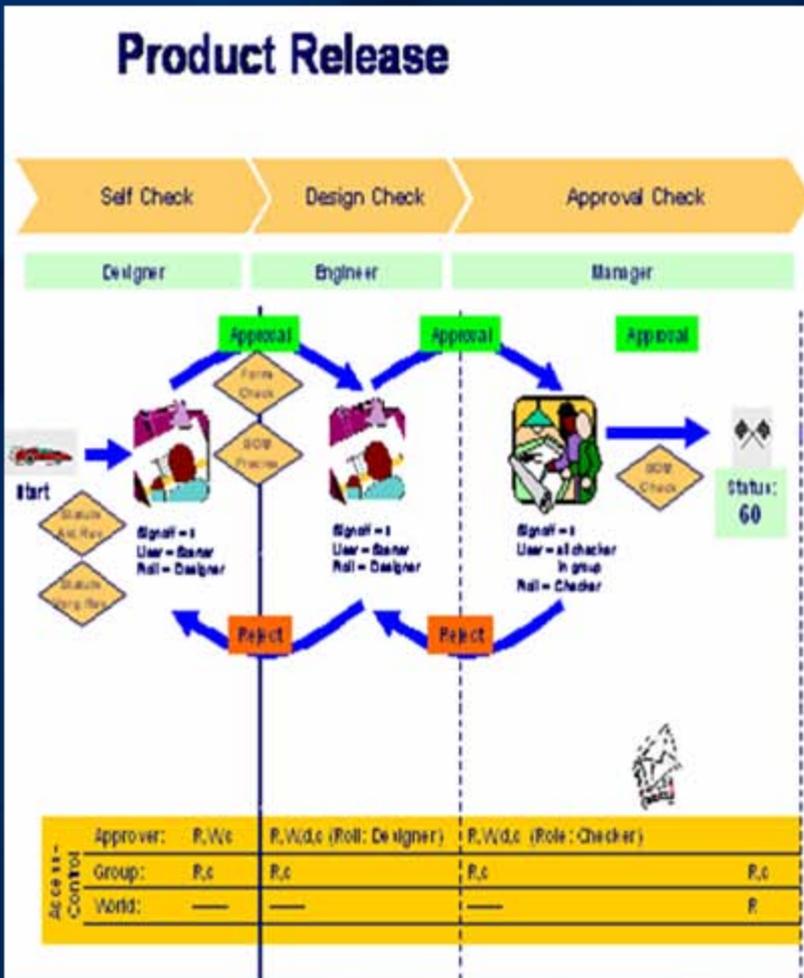
- ▶ 60



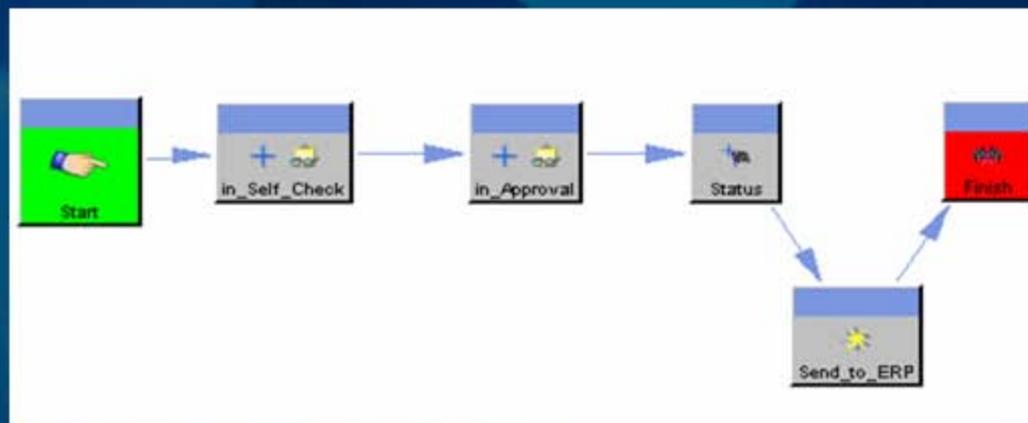
Workflow Templates



Standard Version



ERP Version



- ▶ ERP version includes a step to send data to the ERP system once it is released