

PROCESSOPTIMIZER FOR SAP ECTR

Complete process control using
status checks and events

YOUR REQUIREMENTS

You expect...

- to be able to implement an event-based set of rules, e.g. in the event of a status change or the creation of a document
- to check and ensure compliance with the rule set
- the rule sets to include PTC Creo structures and even CAD files or structures from other CAD systems
- the rule sets to capture SAP object links within SAP PLM

OUR SOLUTION

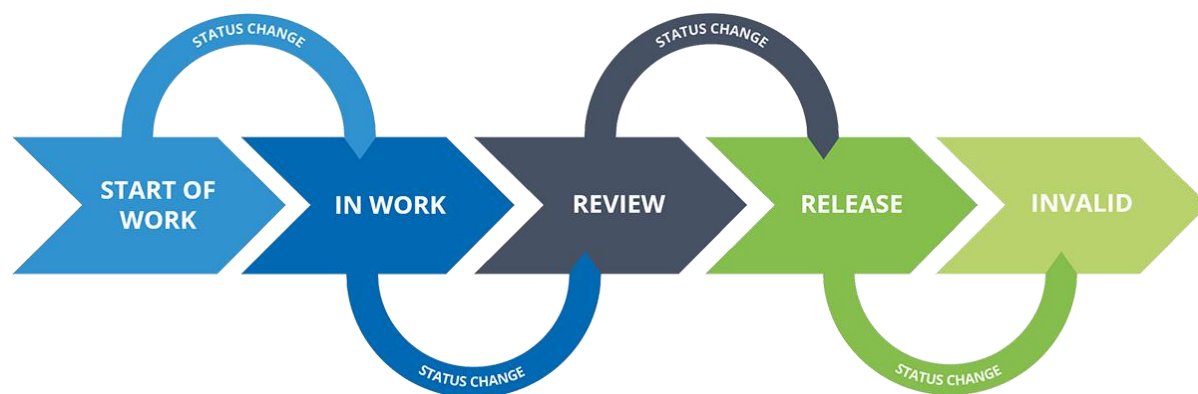
.riess® ProcessOptimizer is a solution for event-triggered process control based on SAP objects. These events include: Change status, Create document, Create new version and Synchronize data from SAP to CAD.

.riess® ProcessOptimizer allows you to:

- configure rule sets to be applied during a status change of a document
- map rule sets for any document type or document structure
- perform actions on documents and materials
- define special rule sets for managing PTC Creo Parametric files

FEATURES

- Configuration of rule sets dependent of events or other triggers
- Configuration of rule sets dependent of the document type, document source status and document target status for each definition
- Output of detailed check results and perform actions inside the dialog window of .riess® ProcessOptimizer
- Simultaneous checks (single level or comprehensive) of multiple structures, including their sub-structures
- Compliance with approval process, e.g. based on the dual control principle
- Checks and actions may be restricted to the document with the highest version number
- Actions may be triggered for earlier document versions after a successful check of the current document version
- Checking of document data, additional data, material data, classifications, object links etc.
- Deletion of additional originals from the document after a successful check
- Data synchronization between different SAP objects



YOUR BENEFITS

- Optimize your engineering processes and configure rules in actions in SAP PLM
- Ensure that your rules are being followed and that required actions are performed
- Use SAP PLM to configure rules and actions easily and intuitively
- Take advantage of the comprehensive rule sets for PTC Creo objects and structures that are already included in .riess® ProcessOptimizer

PROCESS STEPS

- In a first step, define your processes and the corresponding rules for .riess® ProcessOptimizer together with our consultants
- Then configure your rule sets in SAP PLM, either on your own or assisted by our consultants

The image displays a screenshot of the SAP PLM software interface. The top part shows a 3D model of an engine assembly. Below the model, there is a window titled ".riess® ProcessOptimizer for SAP ECTR" which contains a table of document change records. The table has columns for Document, Document Type, Document part, Doc. version, Description, Change Number, Material, Objekt, Drawing, ObjektA, Selected, Source status, Destination Status, and Message text. The table shows several rows of data, with some rows highlighted in red, indicating errors or warnings. The error messages include "User must not change status (4-eye principle!)", "Status change not possible - Target status can not be reached", and "Document has no material link".

| Document | Document Type | Document part | Doc. version | Description | Change Number | Material | Objekt | Drawing | ObjektA | Selected | Source status | Destination Status | Message text |
|------------|---------------|---------------|--------------|-------------|---------------|----------|--------|---------|---------|----------|---------------|--------------------|---|
| 1000007051 | PAS | 000 | 00 | | | 1059 | | | PROA | 32 | AP | RE | User must not change status (4-eye principle!) |
| 1000007056 | PPR | 000 | 00 | | | 1062 | | | PROP | | AP | RE | User must not change status (4-eye principle!) |
| 1000007065 | PAS | 000 | 00 | | | | | | PROA | | AC | RE | Status change not possible - Target status can not be reached |
| 1000007057 | PPR | 000 | 00 | | | | | | PROP | | AC | RE | Status change not possible - Target status can not be reached |
| 1000007059 | PPR | 000 | 00 | | | | | | PROP | | AC | RE | Status change not possible - Target status can not be reached |
| 1000007055 | PPR | 000 | 00 | | | | | | PROP | | AC | RE | Status change not possible - Target status can not be reached |
| 1000007056 | PAS | 000 | 00 | | | | | | PROA | | AC | RE | Status change not possible - Target status can not be reached |
| 1000007072 | PPR | 000 | 00 | | | | | | PROP | | AC | RE | Status change not possible - Target status can not be reached |
| 1000007052 | PPR | 000 | 00 | | | | | | PROP | | AC | RE | Status change not possible - Target status can not be reached |
| 1000007053 | PPR | 000 | 00 | | | | | | PROP | | AC | RE | Status change not possible - Target status can not be reached |
| 1000007067 | PPR | 000 | 00 | | | 1068 | | | PROP | | AP | RE | User must not change status (4-eye principle!) |
| 1000007074 | PAS | 000 | 00 | | | | | | PROA | | AC | RE | Status change not possible - Target status can not be reached |
| 1000007058 | PPR | 000 | 00 | | | | | | PROP | | AC | RE | Status change not possible - Target status can not be reached |
| 1000007077 | PPR | 000 | 00 | | | | | | PROP | | AC | RE | Status change not possible - Target status can not be reached |
| 1000007058 | PPR | 000 | 00 | | | | | | PROP | | AC | RE | Status change not possible - Target status can not be reached |
| 1000007091 | PAS | 000 | 00 | | | | | | PROA | | AP | RE | Document has no material link |
| 1000007091 | PAS | 000 | 00 | | | | | | PROA | | AP | RE | User must not change status (4-eye principle!) |
| 1000007063 | PPR | 000 | 00 | | | | | | PROP | | AP | RE | Document has no material link |
| 1000007075 | PPR | 000 | 00 | | | | | | PROP | | AP | RE | User must not change status (4-eye principle!) |
| 1000007075 | PPR | 000 | 00 | | | | | | PROP | | AP | RE | Document has no material link |
| 1000007062 | PPR | 000 | 00 | | | | | | PROP | | AP | RE | User must not change status (4-eye principle!) |
| 1000007062 | PPR | 000 | 00 | | | | | | PROP | | AP | RE | Document has no material link |
| 1000007070 | PPR | 000 | 00 | | | 1064 | | | PROP | | AP | RE | User must not change status (4-eye principle!) |
| 1000007073 | PPR | 000 | 00 | | | 1069 | | | PROP | | AP | RE | User must not change status (4-eye principle!) |

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More information:
riess.de/processoptimizer

