

# Quality Project Management

## Deliver projects on time and in the right quality

### Benefits

- Monitor quality status related to milestones with clear visibility into customer deadlines
- Improve collaboration and visibility across domains for a successful project implementation
- Leverage common quality action management with escalations on due dates to facilitate one-time and on-quality project execution
- Centrally coordinate references for internal and external deliverables and document them with hyperlinks, attachments or direct relations
- Provide management-level visibility into project status with bottom up calculated quality results

### Summary

Teamcenter® Quality software offers an enterprise-wide solution for project management, whether the deliverables originated from a quality process or any other domain. It provides a tool to initiate and monitor the progress of these deliverables and facilitate the completion of required quality milestones, which is controlled by checklists.

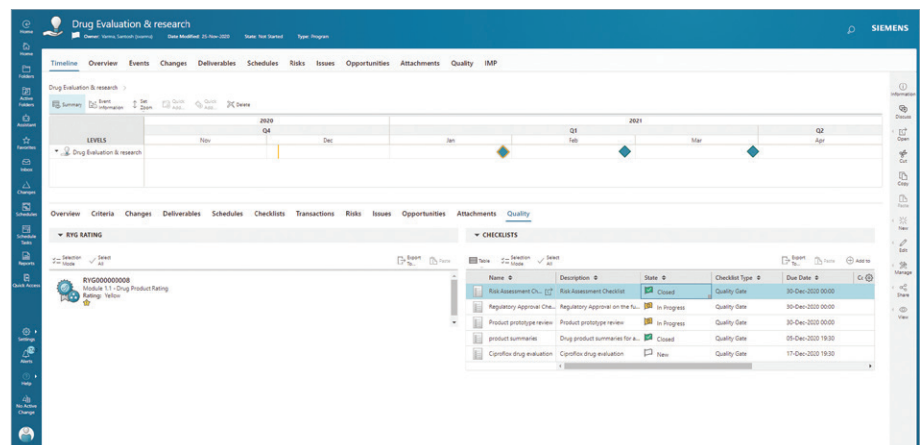
### Milestone-based project management

The Quality Project Management module enables project managers to manage engineering, manufacturing and quality planning activities in one project management tool. By associating checklists

with deliverables, the quality manager can make sure that quality targets are met for all deliverables in each domain. A checklist follows common industry standards like advance product quality planning and has a list of closed questions that can be answered with comments and attached evidence to record proper implementation of the respective action. To manage any deviations in the checklist, the quality action management capability is in charge, equipped with a due date escalation management feature.

### Checklist results represent the status of a project

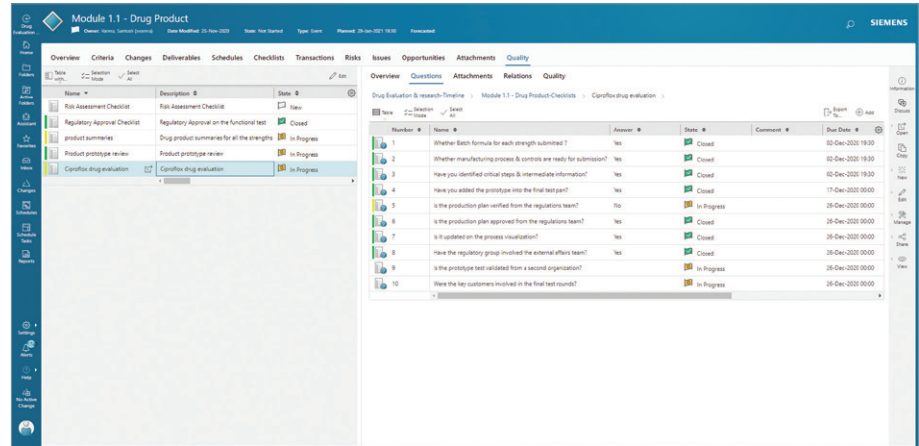
A checklist contains a set of questions that need to be answered by the responsible user and evidence is attached if any exists. Based on the answer to the question, it is rated with a red, yellow or green status. The quality status from all questions is aggregated at the next level; for example, to the checklist header where a dedicated



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## Features

- Centrally monitor all quality deliverables, including control plans, FMEAs and problem-solving processes
- Quality status on milestones calculated based on checklist results with visual indication
- Breakdown of checklist responsibilities down to question level with further quality actions to react on critical questions



rule set rates the status of the checklist. For instance, this is done based on the amount of red, yellow or green answers. This logic continues to the top plan level so the project manager can be always sure about the quality status of the project. The quality status is represented in a visual way on each level. If the result of a question is causing a negative status, the responsible project manager can assign quality actions to respond to the deviation and clear the status.

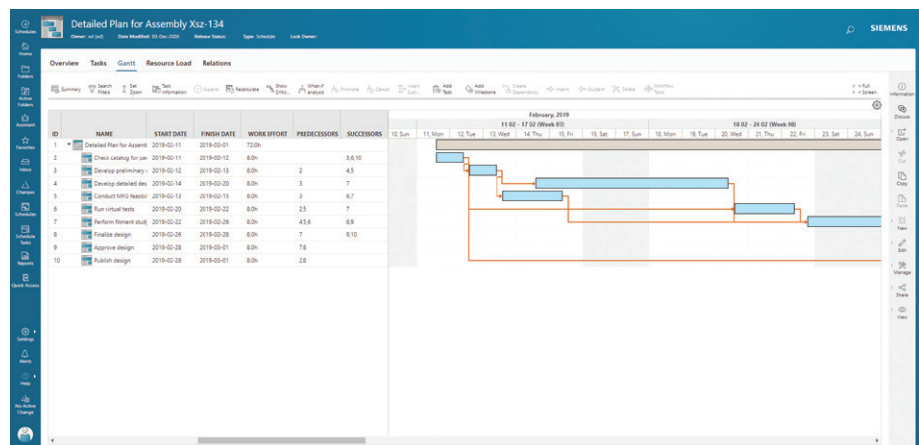
## Deliverables associated with project milestones

The Quality Project Management capability allows the project team to monitor deliverables in the system; for example, failure modes and effects analysis (FMEA), control plans, product compo-

nents, process plans, problem-solving processes and any deliverable or document. The team can directly link any deliverable to the Teamcenter collaboration platform, attach external files to the system or reference external systems with hyperlinks. It allows the project team to have the best visibility into the progress in all areas of the project.

## Visual dashboard for projects

In the timeline view of a project, all important information is accessible in one view whether it is for moving milestones or reviewing the status of checklists for an event. The project manager always has a quick overview on all activities to get a clear understanding if the project is on track and complies with quality standards.



### **GANTT chart with detailed planning in Schedule Manager**

By using the optional Schedule Manager capability in Teamcenter, the work of creating deliverables can be managed with detailed resource planning until there is a breakdown of hours, which is made possible by maintaining timesheets. These can be submitted to the work packages and visualized in the current status with a GANTT chart.

The Quality Project Management capability in Teamcenter Quality is a unique asset for your product development process, making sure requirements are met while providing extensive transparency for all deliverables and documents in Teamcenter.

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