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# Production readiness review

## Substantially reducing the risk of production go-live failure

### Benefits

- Significantly lowers the risk of production go-live failure by minimizing unexpected problems in the system setup and configuration layer
- Employs systematic final checking to identify issues that may have a large impact on user satisfaction
- Identifies system-level adjustments that must be made prior to going live
- Uses checking process to confirm that the customer will administer and manage the system effectively
- Increases confidence level of management and end users so they can make a go or no-go production live running decision
- Provides critical input for go or no-go decision

### Summary

For a successful production rollout of Teamcenter® software, it is important to have the deployed and configured production infrastructure built according to the planned design and recommended practices. Production readiness review (PRR), which is an Advanced Technical Services (ATS) offering, provides a Siemens PLM Software system architect to review the production system components, validate the configuration and make appropriate recommendations. Any deviation from the plan and/or any unreasonable setup will be immediately



flagged for project team attention and rectified.

### Overview

The Siemens PLM Software expert will work in conjunction with Teamcenter system administrators to review the installation, deployment infrastructure, system configurations, performance and scalability test results and the production monitoring plan. The Siemens PLM Software expert will present the findings and recommendations that summarize red or yellow issues for the production go-live decision.

### Scope

PRR focuses on the following areas:

- *Deployment architecture*: Validate production environment is set up and configured according to the planned design
- *Infrastructure*: Validate the hardware, network and system software components for all Teamcenter tiers to make sure they are following the planned design and configured per requirements. The review covers performance, scalability, availability and reliability
- *Applications*: Review all Teamcenter application tiers, settings/parameters to confirm that they are configured to support the 2-tier, 4-tier and/or Active Workspace client deployment
- *Compatibility*: Review all deployed applications and third party software releases for compatibility

# Production readiness review



- **Test results:** Review baseline test results of common usage scenarios to confirm expected functional and performance behavior. Review completion status of the functional and performance tests. Review the production smoke test results
- **Administration:** Review administrators' plans for monitoring and maintaining the entire Teamcenter environment, including the database, enterprise server, file management system (FMS) and web server. Review the application administration process to support end user requests
- **Backup/recovery:** Review the customer's backup/recovery plan and test result to confirm reliability
- **Support:** Review end user support plan, including issue reporting, communication and supporting processes
- **Security:** Review fundamental Teamcenter infrastructure security configuration and setup to confirm that it follows the plan and limits any risk exposure
- **License:** Ensure license availability and validity
- **Deployment communication:** Review the end user deployment communication plan
- **End-user readiness:** If appropriate, confirm that the training was conducted to the satisfaction of end users





- *Rollback plan*: Check if appropriate rollback plan exists should there be any showstopper issues in production
- *Teamcenter incident report (IR)/ problem report (PR)/enhancement request (ER)*: Review list of open, critical Teamcenter IR/PR/ER to advise possible action and share any applicable workaround approaches

**Prerequisites and requirements**

PRR requires the following prerequisites:

- A document detailing the deployment architecture and infrastructure design, system installation and setup/ configuration of the planned rollout environment
- Rollout execution plan
- Functional and performance test results report
- Production rollout environment installed, configured and available for review

- Availability of database administrator (DBA), network and Teamcenter system/application administrator and project manager to provide information and access to the environment
- Comprehensive answers to a Siemens PLM Software questionnaire approximately one week prior to the beginning of onsite services

**Duration**

Typically, requires two to four weeks, including:

- One week of offsite preparation
- One to two weeks for onsite activities
- One week to complete the report

**Deliverables**

- Onsite presentation summarizing findings, issues and recommendations
- Production readiness review report

For more information please contact [ATS.plm@siemens.com](mailto:ATS.plm@siemens.com) or the services manager in your country.

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