TeamForge is an award-winning Application Lifecycle Management (ALM) platform that leads the market in ensuring governance, compliance, and code security standards are maintained in software development. CollabNet capitalizes on its long and prestigious history in open source to create one of the most versatile and secure management platforms for application development.

TeamForge reduces IT support costs, drives standardization and IP reuse, and provides centralized visibility into status, activities, and issues within and across projects.

TeamForge supports teams’ ability to automate processes and workflows in order to create high-quality applications at speed. Build an integrated application delivery pipeline from best-of-breed commercial and open source tools such as Artifactory®, Chef®, Git®, Gerrit®, HP® ALM, JIRA® Software, Jenkins®, Nexus®, Subversion®, TeamCity®, and TestLink®.
Whether teams are using waterfall, Agile, or hybrid software development methodologies, TeamForge provides a comprehensive system to efficiently manage your projects. TeamForge also unifies developers with different tool chains and workflows as it supports both Git pull requests and Gerrit review workflows, as well as Subversion.

Unite global teams, safely delegate role-based access, and create cohesion between different version control systems and tools with TeamForge’s powerful integrations ecosystem and collaboration capabilities. TeamForge allows cross-functional teams to effectively collaborate and share expertise, best practices, and code. Drive development efficiency by enabling the reuse of existing assets, resources, and processes in new projects.

**TeamForge is an end-to-end enterprise application development, collaboration, and delivery platform.**

### TEAMFORGE 17.11 RELEASE UPDATES

- Heightened security through LDAP integration
- Improved filtering capability in Planning Folder view
- New Graphical Workflow Viewer
- Updated HTML Email Templates
- New feature to Unmonitor from emails
- Audit/change logs added to the Documents module
- Fields auto-populated during work flow status transitions
- Attachments and create Dependency as part of artifact cloning
- New feature to enable project-level linked applications to open outside iframe
- High Availability

### COLLABNET STATS

- Successfully helped hundreds of global enterprises execute thousands of traditional application development projects
INTEGRATE BEST-OF-BREED TOOLS

Take advantage of TeamForge's rich ecosystem of best-of-breed open source and commercial integrations to cover the full range of software lifecycle activities—from planning through deployment. TeamForge is incredibly dynamic in its ability to integrate with a wide variety of applications via its EventQ technology, which associates related objects from disparate tools with minimal user involvement, creating traceability across best-of-breed toolchains. Along with certified integrations, TeamForge is highly extensible allowing users to build and contribute integrations to a growing community.

“NXP R&D replaced 25 configuration management and issue tracking applications with TeamForge, reducing IT support costs, driving standardization and IP reuse, and providing centralized visibility into status, activities, and issues within and across projects.

- RAMÓN BAAS, Department Manager NXP Semiconductors

Here are just a few CollabNet certified integrations:

SubversionEdge  GitEye  Visual Studio
Atlassian Crucible  SVN  eclipse
Gerrit  Microsoft Office  DEPLOY
Jenkins  Git  CHEF
TeamCity  Atlassian JIRA  HP
JFrog Artifactory  Nexus  TestLink

TeamForge creates an integrated development toolchain, uniquely delivering end-to-end visibility, traceability, and reporting across third-party tools.
UNRIVALLED ENTERPRISE VERSION CONTROL

Leverage the advantages of distributed Git and centralized Subversion (SVN) version control systems with CollabNet, the founder of Apache™ Subversion® and a major contributor to Gerrit. Provide a better experience for developers while ensuring compliance, governance, and IP security across all source code-related activities. Take advantage of TeamForge's robust review, validation, and approval functions to ensure quality and traceability within commits and related development activities.

TeamForge makes leaps and bounds in its source code management automation. Easily compare code changes on a single page, attach files to comments or notes, and edit code within the Code Browser UI. These functions and more make TeamForge SCM a powerful collaboration engine where workflow management simplifies and streamlines the experience for developers.

GIT LARGE FILE STORAGE (LFS) ENHANCEMENTS

Version control stores large files such as audio, video, graphics, datasets, binaries, and other sizeable files used in web, gaming, mobile application development, animation, multimedia, scientific research, and other projects with TeamForge. TeamForge enhances the platform’s LFS configuration capabilities by enabling administrators to turn LFS on or off and define the maximum binary file size for LFS storage.

TeamForge delivers best-in-class enterprise Git capabilities.
TeamForge uniquely protects Git history, enabling a quick rollback of undesired repository updates.

**Simplify Repeatable Processes**

TeamForge standardizes established processes within templates, which allows for project setting reuse at the click of a button. Take advantage of customizable TeamForge process templates to create compliant, repeatable workflows. Easily integrate application components built by various teams, effectively measure and analyze team performance, and quickly redeploy developers from one team to the next. Create new projects that automate the set-up of routine tasks, document/artifact tags, field or status based workflows, and other custom processes. By rapidly provisioning new projects, TeamForge drastically shortens the software development lifecycle build cycles by replacing manual processes with a single-click setup.

**Code and Feature Release**

Ensuring the proper traceability and documentation of source code is the first step in streamlining the development process for future projects within an organization. Reuse code to easily implement features or functionality across similar products within larger companies. TeamForge's unparalleled focus on traceability make it easy to trace which lines of code belong to each user story, so features can easily be transferred among different applications. This is a huge benefit for companies that base their products on the same platform.

**Collaboration Architecture**

Create visibility across global teams, ensure IP security, and drive company-wide productivity by mapping project categories and groups to business lines and technology architectures across your organization. Leverage the resultant global project hierarchies to enable the following:
ROLE-BASED ACCESS CONTROLS (RBAC)

Protect IP from rogue or accidental tampering and prevent unauthorized code changes with fine-grained hierarchical role-based access controls (RBAC) and permissions management that span TeamForge and many other integrated tools, including Jenkins and Nexus. Define and classify role types for internal and external teams and securely delegate project tasks. Customize granular user permissions, while further centralizing role management using roles and project groups. Assign roles automatically following a common security model as you add new projects.

TeamForge enables unique granular, pervasive RBAC across the enterprise architecture and automatically replicates credentials for remote repositories.
VISIBILITY AND TRACEABILITY

Maintain compliance, governance, and IP security standards and ensure software quality with unique end-to-end traceability and granular contextual association of artifacts and activities across disparate tools, distributed teams, and diverse processes.

TeamForge automatically creates and archives audit logs and tracks activities, artifacts, and associations across all stages of the development lifecycle (including work items, commits, reviews, tests, builds, release, deployment, and operations-related events). The Associations Viewer visually connects related artifacts and activities on a timeline while providing drilldown visibility into specific events, simplifying root-cause analysis and helping team members identify related events across all tools.

*The chain of associations depicts how requirements become working software and details every activity involved.*
**COLLABORATION TOOLS AND MY WORKSPACE**

With My Workspace, users can connect globally distributed and cross-functional teams with powerful collaboration tools, such as project activity streams, communities, wikis, and discussion boards. Encourage broader team member involvement with peer code reviews. Help manage access and participation with moderation features. Add document management functionality with flexible review and approval workflows, automated versioning, and integration with Microsoft Office®.

TeamForge uniquely enables users to create custom code-review workflows, combining the best of both pull request- and Gerrit-based code reviews.

Activity streams facilitate interaction within the cross-functional team, providing a simple way to follow project progress in real time.
MY WORKSPACE AND PROJECT MANAGEMENT DASHBOARD

My Workspace is a TeamForge activity dashboard for your TeamForge instance. Customize it using our wide-array of widgets: documents, activity streams, approval requests, pending document review, reports, and artifact lists. Drill down further into each project with the use of a variety of pre-packaged reports and dashboards or create custom views covering various activities, artifacts, and associations using TeamForge API. TeamForge enables multiple My Workspace dashboards, so relevant information can be grouped and prioritized accordingly. Use these features to create a single-pane-of-glass visibility into your application development lifecycle.
CollabNet Professional Services help your organization consolidate and integrate software assets into a single platform for high-performance collaborative software development and deployment. Partner with CollabNet for interactive workshops and consulting services on the following topics:

**ENTERPRISE AGILITY ASSESSMENT**

Receive a holistic assessment of your development processes and practices (including repository architecture, development process, IP practices, and platform optimization).

**ENTERPRISE SCM**

Learn about strategies and implementation options to centralize disparate software repositories and formulate your organization’s needs for version control and configuration management.

**AGILE DEVELOPMENT**

Learn how to implement Agile development and delivery from workgroup up to company-wide levels via tight integration of upfront Agile planning and task management with subsequent Agile development phases (including CI, CD, and test-driven development).

**DEVOPS**

Learn to extend your Agile development and delivery practices to deployment. Drive collaboration and integrate global Dev and Ops teams within and across projects, creating standards for release packages and ARA. Integrate workflows, tools, and data between development and production.
ABOUT COLLABNET

CollabNet is a global software and services company that allows leading enterprises and government organizations to deliver high-quality software at speed. With our platform and services our customers develop and deploy cutting edge applications by empowering their teams to scale enterprise-wide agility and DevOps across their software development lifecycle. With CollabNet, teams can work together to envision, build and deliver great software with confidence. Visit www.collab.net.

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