

StarTeam

Micro Focus® StarTeam® provides the necessary governance and compliance to implement modern development practices at enterprise scale.

Product Overview

Whether 10 or 10,000 users, enterprise teams rely on Micro Focus StarTeam to manage change from inception to delivery. StarTeam provides both change and version management for the entire delivery lifecycle and maintains control and visibility of software deliverables. This allows development teams to deliver faster, with higher quality, while providing end to end process compliance.

StarTeam goes beyond simple developer-centric versioning. Development teams can use an extensible repository to track and manage change across a wide range of assets. These include file change requests, defects, tasks, requirements, user stories, and discussions. StarTeam streamlines processes and connects tools to establish a single source of truth regardless of project management methodology.

Key Features

Git at Enterprise Scale

Many developers are familiar with Git for version management and perform day to day activities within a Git environment. Unfortunately, the underlying architecture allows commit history to be modified or deleted. Unless exceptionally well managed this creates an unstable environment that can't be trusted, accurately audited or used for compliance purposes.

StarTeam provides direct access to the Git functionality developers are familiar with via a native Git Client, along with an immutable vault

to ensure data integrity. The Git Client provides a seamless and transparent interaction to Git repositories, utilizing the same commands and interfaces. StarTeam acts as a secured vault and single source of truth that Developers and Managers, IT Administrators and Enterprise Architects can rely upon. By utilizing StarTeam as a secured repository, users ensure the history, integrity, and auditability of artifacts and intellectual property are never compromised. StarTeam's Git Client often exceeds the level of governance required by highly regulated enterprises via its connection to the StarTeam repository, which acts as a fully auditable vault to secure and protect all assets.

Team and Stakeholder Collaboration

DevOps often begins with Continuous Integration and Continuous Delivery (CI/CD) practices. Enterprise DevOps transformations should also include support for Continuous Improvement. Cross-team collaboration is a key component. By utilizing StarTeam's native Code Review capabilities (as part of peer programming and sprint or cycle reviews), teams and individuals can rapidly improve, become more efficient and collaborate freely.

The built-in workflow around Code Review ensures adherence to standard processes, with user comments captured in-line, in real-time. The built-in decorators provide an easy to digest view of findings and vulnerabilities. With integrated Code Review, end users can improve code quality and developer productivity while reducing costs associated with rework.

Key Benefits

- Secure repository ensures the history, integrity and auditability of artifacts are never compromised
- Native Git Client provides a seamless and transparent interaction to Git repositories
- Integrated Code Review improves code quality and developer productivity while reducing rework costs
- Change Management automatically provides a complete audit of all version and change interdependencies
- Workflow designer easily tailors processes and forms to fit your needs
- TeamInspector, a powerful build management capability, and full integration with Jenkins CI
- Includes Micro Focus ALM Octane Team Edition for improved levels of collaboration and flexibility

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Change Management

StarTeam's built-in Change Management automatically links delivery artifacts to appropriate changes as part of the development delivery process, providing a complete audit of all version and change interdependencies. Any built-in processes and forms are easily modified and re-configured using the workflow designer, allowing customers to implement a solution that fits their needs. All requirements, tasks, and relevant source files are made visible to developers via their Integrated Development Environment (IDE), increasing the efficiency and ensuring actions are easily enforced.

Project Visibility and Build Management

StarTeam supports automated build creation, release report generation, and full visibility into all release content. Users can quickly and easily identify any configuration, change or updates associated with any release. Project assets are always up-to-date, improving cross-team visibility, traceability, and productivity, with local caching of both artifacts and metadata improving performance when used in distributed teams. Reporting and visibility allow stakeholders to easily understand the status of every build and release at a glance. StarTeam maintains a data warehouse (DataMart) for comprehensive data analytics and decision support.

The solution provides a powerful built-in build management capability (TeamInspector) that can be fully integrated with Jenkins CI to provide CI using open source build and plugins. All delivery artifacts are automatically linked as part of the development process. With StarTeam's reporting, stakeholders can review, correlate, and compare cross-project data metrics to improve project visibility and provide fact-based decision support.

Agile Project Management

StarTeam also includes Micro Focus ALM Octane Team Edition, as well as integrating with other 3rd party agile tools, such as CA Agile Central, JIRA and VersionOne, for improved levels of collaboration and flexibility. By combining Agile Project Management with Change Management, StarTeam can deliver unified management and visibility of your agile and non-agile assets, and greater levels of collaboration and flexibility.

System Requirements

www.microfocus.com/documentation/starteam/

Learn more at

www.microfocus.com/en-us/products/starteam/overview