

PRODUCT BRIEF

AT A GLANCE

Secure, automate, and streamline software changes for enterprise-scale applications and teams.

KEY BENEFITS

- Workload management
- Workspace synchronization
- Cloud enablement
- Interoperability and scalability
- Simplified deployment

KEY FEATURES

- Lifecycle workflow engine
- Process-centric change management
- GIT interface
- Large file support

Harvest Software Change Manager

Govern Software Change with Speed, Control, and Compliance

Overview

The Broadcom® Harvest Software Change Manager (SCM) software empowers organizations to efficiently govern, secure, and automate the software change and release process for distributed, mobile, and cloud-based business applications. By providing robust version control, workflow automation, and flexible integrations across a wide range of development environments, Harvest SCM accelerates quality delivery and strengthens compliance for modern enterprises.

Business Challenges

Modern businesses depend on software as a strategic asset, putting development teams under pressure to deliver more, faster, and better. Application teams must balance agility and compliance with speed, yet common change management obstacles persist:

- Manual, self-managed processes lacking tracking and standardization
- Bottlenecks from resource dependencies and untracked changes
- Risks of poor software quality, costly outages, and compliance failures

Inefficient change tracking and error-prone workflows can result in significant business impacts, such as lost revenue, increased operational risk, and regulatory fines.

Solution Overview

Harvest SCM simplifies management for modern, distributed, and mobile applications with automated change lifecycle, version control, and workflow orchestration:

- Centralizes asset management, audit, and protection for compliance and business continuity
- Delivers standardized, repeatable processes that scale to global, collaborative projects
- Enables developers to track, merge, and promote changes across platforms with robust versioning and approval flows
- Supports integration with continuous delivery tools (for example, Nolio Release Automation) for streamlined deployment from development to release
- Allows administrators to centrally define, enforce, and scale best practices throughout the enterprise

Key Features

- **Lifecycle workflow engine:** Converts manual workflows from IT-guided tasks to software-managed processes and improves collaboration channels for the most efficient use of resources
- **Process-centric change management:** Governs change management workflows, approvals, and audit trails for compliance
- **GIT interface:** Enables development through the GIT interface by decoupling from the Harvest SCM lifecycle management workflow to enhance the developer experience
- **Large file support:** Enables standardized processes for enterprise-scale application files

Key Benefits and Results

- **Workload management:** Efficiently process vendor or in-house files of any size
- **Workspace synchronization:** Extended IDE plug-in capabilities for more real-time actions
- **Cloud enablement:** Supports digital transformation, leveraging cloud capabilities
- **Interoperability and scalability:** Extensive APIs enable broader toolchain integrations
- **Simplified deployment:** Automated installation on supported platforms

Critical Differentiators

Harvest SCM stands out by combining traditional software change management with advanced workflow orchestration and distributed asset control. Harvest SCM has the following key strengths:

- Enterprise-grade governance for complex applications and large files
- Optimized remote repository caching to minimize network bottlenecks
- Deep workflow engine for faster, repeatable, and compliant software delivery

Related Products and Solutions

As organizations strive to compete in the application economy, proven, reliable products that help ensure application quality become essential to success. Every investment counts. Harvest SCM combines typical software change tool characteristics with powerful workflow, lifecycle, and build management to facilitate strong governance of critical distributed applications. Harvest SCM continues to support the following Broadcom solutions:

- **Nolio Release Automation:** Automates continuous delivery and deployment
- **Service Desk Manager:** Streamlines incident and change management
- **Endeavor® Software Change Manager:** Automates change for mainframe environments
- **Clarity® PPM:** Enhances project and change management efficiency

Summary

Harvest SCM provides scalable, process-driven control over software changes, ensuring consistent quality, compliance, and timely releases in distributed, mobile, and cloud-centric environments. Its rich feature set, integrations, and workflow automation position it as a trusted foundation for enterprise application development, enabling organizations to adapt quickly without sacrificing governance or reliability.