

SERENA® PVCS® VERSION MANAGER™

Advanced version control for team-based development

Used at thousands of sites worldwide, PVCS Version Manager organizes, manages, and protects assets automatically to reduce common team development errors and speed project completion. Built by developers for developers to provide excellence in software configuration management (SCM), PVCS Version Manager is the result of 25 years of software industry experience and ongoing product enhancement. More than simply storing file versions, PVCS Version Manager enables and automates complex team development tasks such as parallel development, visual differencing, branching and merging, identification of merge conflicts, promotion levels, and team workflow.

BENEFITS ACROSS THE TEAM

Project managers. For the project manager, PVCS Version Manager makes it easy to assign tasks across distributed teams and remote developers, regardless of their development environment or IT platform. Managers provide assurance over every stage of the development process by setting permissions to control access to any file, project, or sub-project.

Developers. PVCS Version Manager enables developers to focus on their job: coding. It offloads development task management and revision control, so developers can maintain focus on creativity in their own programming. They can work freely, in their preferred IDE or via their preferred PVCS Version Manager client, knowing that all versions of their code are being stored and that they can roll back to a previous version at any time.

Build managers. There are fewer coding errors to halt builds when developers use PVCS Version Manager to boost code quality. In addition, PVCS Version Manager integrates with Serena® Builder™ to assure reliable and automated build processes that give the QA team more time to test, with fewer delays due to build errors.

QA and test managers. With PVCS Version Manager and its web client, QA and test personnel can stay on top of projects or validate a specific module, even if traveling to a remote development site or while working from home. Team members who are also working with software lifecycle tools will find PVCS Version Manager fully integrates with them.

PRODUCT FEATURES AT A GLANCE

Securely organize your software assets. PVCS Version Manager provides a robust client-server solution so that teams can reliably protect multiple revisions of software quickly and securely. Version labeling, promotion modeling, and workspace management enable the organization to quickly organize software development assets. Visual differencing enables clear, side-by-side graphical comparisons of revisions, including n-way comparison and merge. Its automatic branch and merge capability speeds complex development, while alerts of any conflicts requiring manual resolution prevent program logic errors.

Manage and enhance team workflow. PVCS Version Manager automates common team development tasks that are otherwise prone to everyday human error. It enables multiple



SERENA® PVCS PROFESSIONAL SUITE CONSISTS OF THE FOLLOWING:

- Serena® TeamTrack®
- Serena® PVCS® Version Manager™
- Serena® Builder

COMPLEMENTARY SERENA PRODUCTS INCLUDE:

- Serena® Dimensions® Composer™
- Serena® Dimensions® RM
- Serena® Mover®
- Serena® Mariner™

RELATED SERENA PRODUCTS:

- Serena® Dimensions® CM
- Serena® ChangeMan® ZMF

SUPPORTED PLATFORMS

PVCS Version Manager supports the following server platforms*:

- Windows
- IBM AIX 5.2
- IBM AIX 5.3
- HP-UX 11.11
- HP-UX 11.23
- Red Hat Linux AS 3.0
- Red Hat Linux AS 4.0
- SUSE Linux 9.1
- SUSE Linux 9.2
- Solaris 9
- Solaris 10

**Additional platforms may be added; please consult your Serena representative.*

BROWSERS

- IE 6.x
- Mozilla 1.7.7
- Firefox 1.5
- Netscape Communicator, v7.2 and 8.1
- Apple Safari 1.0 (on Macintosh)

teams to safely engage in parallel development without jeopardizing each other's work. Promotion group organization helps define and manage who can modify code as it progresses from one stage of development to the next.

Protect assets undergoing change. With PVCS Version Manager, teams can version, inventory, and archive virtually any kind of development asset, including specifications, source code, development objects, and documentation. User access is managed and tracked through all stages of development, showing a complete audit trail of changes, including the "who, what, when, and why" of each revision.

Scale and change as needed. PVCS Version Manager scales for teams large and small, and supports a wide variety of platforms, operating systems, and development environments. A choice of interfaces, including desktop, web client, IDE client, or command line, assures easy, intuitive access. Software assets are reliably protected across multiple, nested projects, through multiple revisions, during complex parallel and concurrent development, and across distributed and remote team members.

Why choose PVCS Version Manager? PVCS Version Manager has been combat-hardened in thousands of real-life development use cases. You won't need to spend time or resources creating workarounds to make the tool fit your team's needs. It has been integrated and extended to a wide range of platforms and environments, with more robust functionality than any other version management or source code protection solution.

ABOUT SERENA

Serena Software, the Change Governance leader, helps more than 15,000 organizations around the world—including 96 of the Fortune 100 and 90 of the Global 100—turn change into a business advantage. Serena is headquartered in San Mateo, California, and has offices throughout the U.S., Europe, and Asia Pacific.

CONTACT

Learn more about the enterprise-wide power of Serena PVCS Version Manager by visiting www.serena.com or contacting one of our sales representatives in your area.

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