

## Serena ChangeMan Professional 9 The Industry Standard SCCM Solution for Development Teams

Serena® ChangeMan® Professional™ is a comprehensive suite for software change and configuration management (SCCM), consisting of Serena® ChangeMan® Version Manager™, Serena® TeamTrack®, and Serena® ChangeMan® Builder™. The Professional Suite is the de facto standard for thousands of customers worldwide. The latest release, version 9, offers the industry's most sophisticated version management, issue and workflow management, and build capabilities. Professional enables development teams to:

- Achieve better control, insight, predictability, and efficiencies over application development
- Boost team productivity and schedule reliability
- Enforce and audit change processes to support regulatory compliance

### Professional 9 Highlights

- **Customizable process and workflow.**  
Serena TeamTrack enables teams to define and enforce their workflow to meet organizational objectives, such as improved schedule predictability, control over release content, and closed loop control over change during software development, across all functional team members, regardless of platform or location.
- **Flexible, broad infrastructure support.**  
Deeper, richer integrations with VS .NET and Eclipse-based IDEs such as IBM WSAD/RAD enhance developer productivity by allowing developers to conduct their daily activity without having to leave their preferred IDE.
- **Parallel development.**  
New pragmatic locking, synchronization, and differencing/merge engine support contemporary development practices, automatically reconciling and merging multiple changes made concurrently.
- **Automated builds.**  
Serena ChangeMan Builder enables automated software builds, with no scripting required, including remote and cross-platform builds spanning client/server, IBM mainframe and web environments.

### Serena ChangeMan Version Manager

Serena ChangeMan Version Manager, leveraging version control technology from the makers of PVCS®, organizes, manages and protects software assets across distributed development teams. Version Manager is fast and easy to install, use and administer, yet it provides rich, mature capabilities such as enhanced security, web-based remote access, support for multiple platforms and IDEs, and centrally managed database archives.

#### Version Manager Technical Specifications

Version Manager is based on industry standards and supports the following platforms.

The information applies to the desktop client, command-line client, web client, and Version Manager File Server. Support for new technology is added continuously; please contact your Serena representative for the latest information.

### Supported Operating Systems

- Windows 2000: Professional, Server, Advanced Server
- Windows 2000 Advanced Server 64-Bit Edition
- Windows XP Professional
- Windows XP 64-Bit Edition
- Windows 2003 Server
- AIX 5.1, 5.2, and 5.3
- HP-UX 11.00, 11.11, and 11.23
- Red Hat Linux 9.0 and Red Hat Enterprise Linux 3.0
- SuSE Linux 9.0, 9.1, and 9.2
- Solaris 8 and 9

### Browser Operating System Java Plug-In

- Microsoft Virtual Machine
- Sun Java Runtime Environment 1.4.1\_01 or later

### Web Browsers

- Internet Explorer 6.x
- Mozilla 1.7
- Firefox 1.0
- Netscape 7.1 or later

### Version Manager 8.1 Web Server System Specifications

Version Manager Web Server is supported on the following platforms:

- Windows 2000 Server and Advanced Server SP2
- Windows 2000 Advanced Server 64-Bit Edition
- Windows 2003 Server
- AIX 5.1, 5.2, and 5.3
- HP-UX 11.00, 11.11, and 11.23
- Red Hat Linux 9.0 and Red Hat Enterprise Linux 3.0
- SuSE Linux 9.0, 9.1, and 9.2
- Solaris 8 and 9

### Supported Web Servers

- Windows
  - iPlanet 6.0 SP1
  - Java System Web Server 6.1 SP1
  - Microsoft Internet Information Server 5.0 (Windows 2000)
  - Microsoft Internet Information Server 6.x (Windows 2003)

- UNIX and Linux
    - Apache\* 1.3.x (AIX, HP-UX, Linux, Solaris) and 2.0.43 or newer (HP-UX, Linux, Solaris)
    - iPlanet 6.0 SP1 (AIX, HP-UX, Solaris)
    - Java System Web Server 6.1 SP1 (HP-UX, Solaris)
- \*NOTE: Your Apache server must include DSO support.

### Version Manager WebDAV Server System Specifications

#### Supported Operating Systems

- Windows 2000 Server and Advanced Server SP2
- Windows 2000 Advanced Server 64-Bit Edition
- Windows 2003 Server
- Solaris 8 and 9
- HP-UX 11.00, 11.11, and 11.23
- AIX 5.1, 5.2, and 5.3
- RedHat Linux 9.0 and Red Hat Enterprise Linux 3.0
- SuSE Linux 9.0, 9.1, and 9.2

#### Supported Web Servers

- Tomcat 4.1.x (installed with WebDAV Server)
  - Microsoft Internet Information Server 5.0 (Windows 2000)
  - Microsoft Internet Information Server 6.0 (Windows 2003)
  - Apache 1.3.x (AIX, HP-UX, Linux, Solaris) and 2.0.43 or newer (HP-UX, Linux, Solaris)
- NOTE: Your Apache server must include DSO support.
- iPlanet 6.0 SP1 (AIX, HP-UX, Solaris, Windows)
  - Java System Web Server 6.1 SP1 (HP-UX, Solaris, Windows)

#### Supported Client Operating Systems

- Windows 2000 Professional, Server, and Advanced Server SP 2
- Windows XP Pro (Network Places only)
- Windows 2003 Server

NOTE: Read-only support for WebDAV is available for the Windows XP DAV File System and Mac OS DAV File System.

#### Supported WebDAV Clients

- Microsoft Web Folders, Office 2000, and Office XP
- Macromedia Dreamweaver 4 and Dreamweaver MX
- Adobe Acrobat 5 and 6
- Adobe Photoshop 7 and 8

Other WebDAV-enabled clients may work but are unsupported at this time.

## Serena TeamTrack

Serena TeamTrack is the automated way to capture, track and manage the status of defects, changes and issues raised in team development. Rich notification rules and the ability to organize and handle multiple issue types enables users to analyze issue dependencies, see progress, spot issue trends and more effectively assign team resources. TeamTrack helps define and enforce processes and capture audit trails required for regulatory compliance.

### TeamTrack Technical Specifications

#### Supported TeamTrack Server Operating Systems

- Windows 2000 Server
- Windows 2000 Advanced Server
- Windows Server 2003 Family
- Red Hat Enterprise Linux AS or ES, version 3
- SUN Solaris 8 and 9

#### TeamTrack Web Server

- Microsoft Internet Information Service (IIS), version 5.0 or 6.0
- iPlanet Web Server 4.1
- Sun Java System Web Server 6.0, service pack 6 (formerly SunOne)
- TeamTrack Web Server (recommended for evaluation use only)
- Apache 2.0.47

#### License Manager Server Operating Systems

- Windows 2000: Professional, Server, Advanced Server
- Windows 2000 Advanced Server 64-bit
- Windows XP Professional
- Windows 2003 Server Family
- Red Hat Linux 8.0 and 9.0
- Solaris 8 and 9

#### TeamTrack Administrator, ODBC and Remote Administrator Operating Systems

- Windows 2000 Professional, service pack 3
- Windows 2000 Server, service pack 3
- Windows 2000 Advanced Server, service pack 3
- Windows Server 2003 Family
- Microsoft Windows XP Professional

### Databases

- Microsoft Access 2000 or Microsoft Access 2002 (drivers provided)
- Microsoft SQL Server, version 7 or 2000
- IBM DB2 Universal Database, version 8.1
- Oracle, versions 9i release 2 or 10g
- Sybase Adaptive Server Enterprise, version 12.5.1 or 12.5.2

### Web Browsers

- Microsoft Internet Explorer, version 6
- Netscape Communicator, version 7.1
- Apple Safari 1.0 (on Macintosh)
- Mozilla 1.7.3
- Firefox 1.0

## Serena ChangeMan Builder

Serena ChangeMan Builder is the comprehensive, automated build solution for the entire enterprise that accelerates and streamlines application builds. Leveraging Serena technology and a strategic partnership with Catalyst Systems, Builder is seamlessly integrated to Version Manager in the Professional suite. Two editions of Builder are available for Professional:

- **Builder Standard Edition** – Designed and optimized for Windows operating systems. It comes bundled with Professional.
- **Builder Enterprise Edition** – Provides automated build management to all development platforms and environments; adds support for Java, impact analysis, and remote builds. Available as an upgrade to the standard Professional bundle.

Builder supports the platforms listed below. Support for new technology is added continuously. Please contact Serena Sales offices in your regions for the latest information.

### Builder Technical Specifications

#### Builder Supported Operating Systems

- Microsoft Windows 2000 Professional Edition
- Microsoft Windows XP Professional Edition
- IBM RS/6000 AIX 4.3.3
- HP-UX 11.x
- Sun SPARC Solaris 7 & 8
- Red Hat Linux 7.1
- IBM OS/390 V2 R6 or later, z/OS V1.1 or later
- Build Browser Operating System Java Plug-In
- Sun Java Runtime Environment 1.4.1\_03 or later (Required)

#### **Builder Supported Web Browsers**

- Microsoft Internet Explorer 5.5+
- Netscape Navigator 6.x and 7.x
- Build Supported IDE Integrations
- Microsoft Visual Studio 6.0
- IBM Visual Age for Java 3.5.3
- IBM WebSphere Studio Application Developer 5.0

#### **Builder Windows System Requirements**

- Perl 5.6 or higher (included in the command-line client installation for Windows)
- ANT 1.41 or higher (included in the command-line client installation for Windows)
- 30 MB of hard disk space
- 64 MB memory minimum

#### **Builder UNIX System Requirement**

- Perl 5.6 or higher
- ANT 1.41 or higher (included in the command-line client installation for UNIX)
- 30 MB of hard disk space
- 64 MB memory minimum

#### **Builder Supported Serena Systems**

- Version Manager 8.1
- Dimensions 9.1.0

### **About Serena**

Serena Software is the largest company solely focused on managing change in the IT environment. Serena's products and services automate process and control change for teams managing development, web content and infrastructure. Based on 25 years of innovation in process and configuration management, Serena Application Framework for Enterprises (SAFE™) solutions enable customers at more than 15,000 sites worldwide and 49 of the Fortune 50 to improve IT governance, mitigate risks, support regulatory compliance, and boost productivity and quality. Serena is headquartered in San Mateo, California, with offices throughout the U.S., Europe, and Asia Pacific.

### **Contact**

To learn more about these products, and how to begin implementing comprehensive change management across your IT environment, visit Serena at [www.serena.com](http://www.serena.com) or write us at [info@serena.com](mailto:info@serena.com).

