

SERENA® CHANGEMAN® ZDD

Increase productivity, efficiency and flexibility by exploiting desktop IDE integration.

BUILD HIGH QUALITY DESKTOP-DEVELOPED MAINFRAME APPLICATIONS WITH SERENA CHANGEMAN ZMF INTEGRITY AND PROTECTION

Desktop development of mainframe applications is commonplace today. Powerful IDEs provide a productive environment for editing and testing today's mainframe applications.

Serena ChangeMan ZDD solves the integrity, security and resource issues associated with desktop development by mapping the mainframe server as a drive on the desktop, and developers can access mainframe assets directly and immediately from their desktop. ChangeMan ZDD integrates desktop IDEs into the life cycle, providing direct access to mainframe assets, eliminating mass file transfers and extending all the protection of Serena ChangeMan ZMF to development on the desktop.

Because ChangeMan ZDD integrates into the intuitive Microsoft® Windows Explorer interface, it eliminates the need for mainframe training, which provides tremendous staff flexibility. The edit in-place capability of ChangeMan ZDD prevents software components from getting lost or overlaid during manual upload/download procedures. Code can't be lost because of desktop crashes or laptop theft. Audit trails are kept intact.

Serena ChangeMan ZDD extends its powerful enterprise change management solution by transparently integrating the desktop development tool of choice.



SERENA CHANGEMAN ZDD DESKTOP DEVELOPMENT FOR z/OS

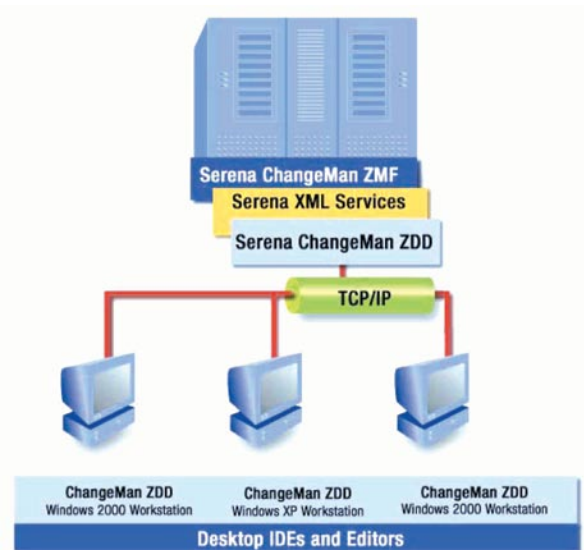
Serena ChangeMan ZDD provides XML-based integration with Serena ChangeMan ZMF to enable efficient desktop development of mainframe applications. Integrating Serena ChangeMan ZDD and Serena ChangeMan ZMF:

- Improves quality by extending mainframe SCM to the desktop
- Protects against lost code and overlays by eliminating mass file transfers
- Improves productivity and staff flexibility
- Reduces mainframe CPU and memory use

Serena ChangeMan ZDD

INTEGRATED TO LEVERAGE LEGACY AND DISTRIBUTED SYSTEMS

Serena ChangeMan ZDD gives desktop programmers direct access to software assets residing on the mainframe without file transfers.



Extended Enterprise Change Management integration delivers productivity, process integrity, and savings.

SERENA CHANGEMAN ZDD ENTERPRISE CONNECTIVITY

- Integrates with Serena ChangeMan ZMF to enable desktop development for z/OS
- Prevents components from being missed during upload or staging (compiling)
- Avoids out-of-sync components and subprogram redundancies by managing libraries with Serena ChangeMan ZMF
- Supports development on the desktop and integrated testing on the mainframe in a single environment
- Extends SCM process consistency

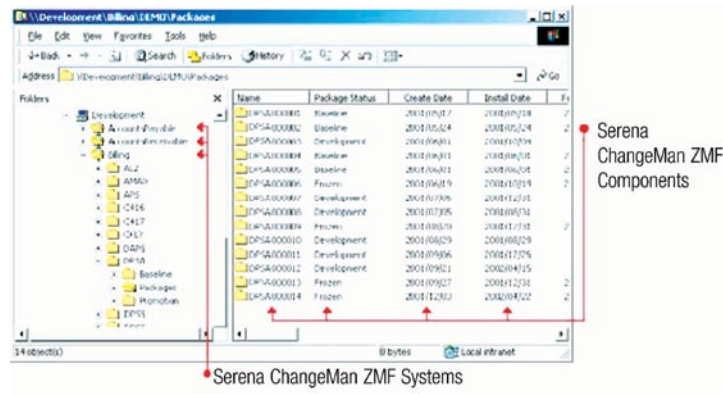
ENABLES XML-ENABLED ACCESS TO ZMF ASSETS AND INFORMATION FROM POPULAR DESKTOP TOOLS

Serena ChangeMan ZDD enables ubiquitous access to the mainframe from ODBC and XML tools including Excel, Microsoft Project and Crystal Reports. In addition, it provides an elegant interface for submitting mainframe jobs, viewing JES input/output queues, and integrating mainframe testing environments.

Serena ChangeMan ZDD

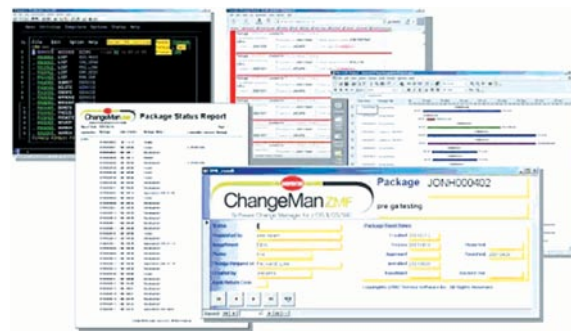
A 'WINDOW' BETWEEN DESKTOP AND MAINFRAME

Serena ChangeMan ZDD allows the mainframe to work like any other Windows-based server, seamlessly integrating Serena ChangeMan ZMF assets into Desktop IDEs.



TRANSPARENT ACCESS TO MAINFRAME DATA FROM XML TOOLS

Serena ChangeMan ZDD enables ubiquitous access to the mainframe from ODBC and XML tools including Excel, Microsoft Project and Crystal Reports.



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 ChangeMan ZDD by visiting www.serena.com or contacting one of our sales representatives in your area.

Serena Worldwide Headquarters

Serena Software, Inc.
Corporate Offices
2755 Campus Drive
Third Floor
San Mateo, California 94403-2538
United States

800.457.3736 T
650.522.6699 F
info@serena.com

Serena European Headquarters

Serena Software Europe Ltd.
Hertfordshire
Abbey View Everard Close
St. Albans
Hertfordshire AL1 2PS
United Kingdom

+44 (0)800.328.0243 T
+44 (0)1727.869.804 F
ukinfo@serena.com

Serena Asia Pacific Headquarters

Serena Software Pte Ltd
360 Orchard Road
#12-10
International Building
Singapore 238869

+65 6834.9880 T
+65 6836.3119 F
apinfo@serena.com



Copyright © 2006 Serena Software, Inc. All rights reserved. Serena, TeamTrack, ChangeMan, PVCS, StarTool, Collage and Comparex are registered trademarks of Serena Software. Change Governance, Command Center, Dimensions, Mover and Composer are trademarks of Serena Software, Inc. All other product or company names are used for identification purposes only, and may be trademarks of their respective owners. DS350_001_08.06