



# SonicWALL Universal Restore

BACKUP AND RECOVERY

Complete Disaster Protection for Business Servers

- Streamlines disaster recovery and business continuity initiatives
- Integrates with SonicWALL BMR Server
- Restores a disk image to either identical or dissimilar hardware
- Easily automates backups
- Faster incremental backups
- VSS Snapshot Service
- BMR images
- Support for BartPE and WinPE
- Easy-to-use wizard-driven interface
- Preserves systems configurations
- Reduces infrastructure investment
- Ease of use

When disaster, theft, or catastrophic failure makes a mission-critical laptop, desktop or server system unviable, an IT administrator or service provider may be able to recreate the entire system from a backed-up disk image. However, this process can require that the image be restored to an identically-configured system environment.

During a serious business disruption, when minimizing downtime is crucial for retaining customer satisfaction and service levels, administrators cannot afford taking the time to acquire, rebuild or configure matching systems. In order to rapidly get needed businesses systems back up and running, administrators need to be able to easily recover an entire computer disk image to any other available machine that is on hand.

SonicWALL® Universal Restore, an add-on module for SonicWALL Bare Metal Recovery (SBMR) software, allows administrators to quickly and easily recover server images to dissimilar physical or virtual hardware regardless of make, model or installed components—including x86 platforms. Universal Restore enables IT administrators to take the last known clean image from the source machine and import drivers associated with the new machine into the restore process. And, because the image is captured at the disk sector level, it already includes all of the configuration, application and user files, so a business network can be fully up and operational quickly and with minimal effort.

Disaster recovery planning tools that enable business continuity are requirements for every business. SonicWALL Universal Restore prepares IT administrators for any unforeseen event, so that no matter what type of disaster occurs, they will be able to quickly restore mission-critical server images to ensure the ongoing viability of the business.

## Features and Benefits

**Streamlines disaster recovery and business continuity initiatives** by providing easy, rapid and flexible restoration of mission-critical server images across a wide range of platforms.

**Integrates with SonicWALL Bare Metal Recovery Server software** to create bootable media with a Universal Restore option.

**Restores a disk image to either identical or dissimilar hardware** providing disaster recovery in either physical or virtual environments.

**Easily automates backups** according to group, time or scheduled events.

**Faster incremental backups** contain only data changed since the last full or incremental backup.

**VSS Snapshot Service** safely suspends all application and cache activity during data capture, ensuring reliable backup of dynamic database applications such as Exchange, SQL and Oracle.

**BMR images** can be mounted to a file system as a virtual drive, permitting users to open, create, save, copy, move, and delete backed up files or folders, or alternately can be mounted in read-only mode.

**Support for BartPE and WinPE** enables booting of servers<sup>1</sup> and workstations<sup>2</sup> via network PXE, CD-ROM, DVD or USB drive.

**Easy-to-use wizard-driven interface** minimizes training and ramp-up, best leveraging IT resources for disaster recovery.

**Preserves systems configurations**, eliminating the need to rejoin domains or remap network drives.

**Reduces infrastructure investment** because it can restore to any hardware, and it requires fewer hot spares.

**Ease of use** enables less-experienced administrators to restore servers while more senior administrators can resolve the underlying system failure.

<sup>1</sup>Windows XP/Windows Server 2003

<sup>2</sup>Windows XP, Windows Server 2003 or Windows Vista

# Specifications

## Spotlight: Restoration Process

You can restore an image to any hardware in 5 easy steps:

- **STEP 1:** Boot into our recovery environment.
- **STEP 2:** Select the image to restore and the replacement system.
- **STEP 3:** Universal Restore initiates restore process.
- **STEP 4:** Universal Restore detects the machine type and installs appropriate drivers for Hardware Abstraction Layer (HAL) or prompts user for specific locations of drivers to install.
- **Step 5:** The machine reboots. Once this process has completed, you have a working system on your replacement machine. No reinstallation of the operating system or applications is required. No re-configuration to join the network is required, as the product retains the Security Identifier (SID) and network information during recovery.

## Specifications

### Operating systems for deployment

Windows Professional 2000 SP4  
Professional XP SP2  
Windows Home Server  
Windows 2000 Server/Advanced Server  
Windows 2003 Server/Advanced Server  
Windows Small Business Server 2003  
Windows Server 2008 (Standard)  
x32 bit and 64 bit processors



### CDP Universal Restore Software

SonicWALL Universal Restore  
(1 License)  
01-SSC-6496

#### About Acronis

SonicWALL CDP Bare Metal Recovery and Universal Restore have been specifically optimized in an OEM arrangement with a leading software vendor—Acronis. Acronis is an independent global software company headquartered in Burlington, Massachusetts with affiliate offices in California, Europe and Asia.

For more information on SonicWALL Backup and Recovery solutions, please visit [www.sonicwall.com](http://www.sonicwall.com).

#### SonicWALL, Inc.

2001 Logic Drive  
San Jose, CA 95124

T +1 408.745.9600  
F +1 408.745.9300

[www.sonicwall.com](http://www.sonicwall.com)

