

## FEATURE GUIDE

# Double-Take® Flex

## Product Description

Double-Take® Flex reduces the time and expense of desktop and server provisioning and management, while increasing the level of control that you have over your current infrastructure. Double-Take Flex lets you provision a boot volume once and then assign it to multiple machines. Shared boot volumes enable machines to boot from the same volume on a SAN or NAS.

Double-Take Flex enables existing Ethernet NICs on blades to perform diskless boot from iSCSI. Servers can be deployed, provisioned and re-provisioned quickly. Servers gain instant flexibility by separating the operating system and data from the hardware. Double-Take Flex can also turn any Windows® server into an iSCSI SAN and let you rapidly launch and provision virtual or physical servers and desktops for recovery, migration or backup using a combination of traditional host-based technologies and new iSCSI storage-based technologies.

## Features

**Hardware Independent.** The same iSCSI Windows OS boot image can be booted from any physical or virtual systems and any storage hardware.

**Enterprise Management Console.** Managing OS boot images is simple; one console allows you to manage everything. You can also easily browse the network and add new boot clients.

**Easy Installation.** Support for Vista SP1, Windows 7, Windows Server 2008, SLES and RHEL includes the ability to perform direct installation of these OS to iSCSI - no need for intermediate installation to local disk.

**Integration Assistant.** Double-Take Flex includes tools to help you integrate multiple clients using a common shared image into Active Directory.

**Simple Migration to Boot from SAN.** Double-Take Flex allows VSS-enabled SystemCopy of existing OS to iSCSI SAN.

**Rapid Provisioning.** Client and iSCSI Target configurations can be cloned for rapid setup of similar client configurations.

**Shared Boot Images.** Single boot images can be shared amongst multiple clients, in read-only or read/write configurations.

**Nomad Architecture.** Double-Take Flex Nomad architecture allows individual images and data storage settings to follow users to any desktop, anywhere - reducing management expenses and providing increased flexibility and security.

**Works with Sysprep.** Double-Take Flex works with Microsoft's Sysprep utility to assist in duplicating prepared master images. Sysprep images can be booted from iSCSI storage.

**Boot from SAN Redundancy and Failover.** Double-Take Flex auto-reboots the clients if boot fails, provides a user-selectable target or failover during boot, and supports redundant sources for client boot configuration information.

**Flexible Caching Options.** Client write caches can exist locally on hard drive or RAM or remotely on a Flex Storage Server. Caches can be designated as persistent or non-persistent.

**WinPE-based Utilities.** WinPE-based utilities in Double-Take Flex provide a Client Deployment Tool that allows iSCSI target connectivity and off-line access to local system via bootable CD-ROM or PXE boot image and a winMigr8 migration tool that allows fast, hardware independent migration of existing boot-from-SAN images to new hardware or virtual machines.

**Scripting via WMI-enabled API.** Double-Take Flex allows scripting via WMI-enabled API for access or modifications to all client configuration information.

**Instant Storage.** Double-Take Flex can turn storage on any Windows server into an iSCSI SAN and provide shared modes for the iSCSI storage it manages, allowing multiple servers or workstations to access the same shared volumes.

**Rapid Provisioning.** Rapidly launch and provision virtual and physical servers and desktops for recovery, migration, back-up or any other purpose, using a combination of traditional host-based technologies and new iSCSI storage-based products.

**Create iSCSI Targets.** Create iSCSI Target disks using the storage attached to the local machine. The storage can be any type of disk that is Windows compatible, which includes Network-attached Storage (NAS) Direct-attached Storage (DAS) such as PATA, SATA, SCSI and SAS and SANs, based on Fiber Channel or iSCSI. Double-Take Flex will make your storage available via the iSCSI protocol to other computers and forms the foundation of centralised boot volumes that are the easiest to manage.

# Double-Take Flex

Get the standard today: [www.doubletake.com](http://www.doubletake.com) or 0333 1234 200

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