

SOLUTION OVERVIEW

# DOUBLE-TAKE® FOR MIGRATION

Continuous data migration and seamless switch-over for uninterrupted migration

Migrating your applications, servers and storage has historically been a very slow and intrusive process. Enterprises perform migration when changing vendors, refreshing servers, storage and server virtualization and the dreaded data center migration. The traditional choice is clear; admit that your applications will be down for hours and days, and it will waste weeks of productivity. There is now a new choice: Double-Take®.

- Double-Take dramatically reduces service interruption. Reboot, done.
- Double-Take simplifies server and storage migration for administrators.
- Double-Take mitigates the risk of production impact during migration.
- Double-Take works with any Windows Server, regardless of differences in hardware or storage.
- Double-Take provides the industry's most extensive bandwidth management and compression.

## Server and Storage Migration

**Changing Vendors:** You pitted vendors against each other and chose the best solution for your new server and storage platform. However, you now face the daunting task of getting all of your existing applications and data to the new platform. If you outsource the migration project, that only transfers the problem to a systems integrator to solve; you're the one that's still stuck with the application downtime.

**Server Refresh:** Transitioning end of lease and out of warranty servers to new hardware presents a time consuming effort by Systems Administrators. Once the data is moved, then they still have to spend hours reconfiguring

the new server to match the original. This process becomes even more daunting for custom applications with configurations that are not well documented, so IT must spend weeks reverse engineering the production server.

**Migrating to SAN:** You've decided to move your direct-attached storage environment to a Storage Area Network, now how do you get all of your data migrated without application downtime?

## Data Center Migration

**Ship Backups or Load a Truck:** Migrating Data Centers is the most daunting task of all because it involves more than just a couple of servers and storage platforms. Historically that has meant taking applications off-line and backing up the systems, then overnight shipping to the new destination. Restoration of the data and configuration of the new systems will take days to complete. The alternative is to load systems on trucks and drive them to the new location.



## Server Virtualization and Consolidation

**Physical to Virtual:** Many organizations are using Server Virtualization technologies to migrate applications to shared physical resources. Available tools can only support the most basic server configurations. Manual migration is the only option when your server configurations aren't supported.

**Virtual to Physical:** Some applications use so much CPU, memory and I/O resources that virtual environments can't give them enough resources. Many organizations find that after they migrate to virtual environments the application simply can't perform like it did with dedicated hardware. Migration from virtual to physical servers is a manual, time-intensive process with a long disruption of service.

**Consolidation:** IT staff is called to consolidate existing application servers and storage on to new platforms to make better use of hardware. When virtualization isn't an option, they have to do things the old fashioned way, which takes hundreds of hours from valuable technical resources to move data and reconfigure servers.

## Network Management

**Throttling:** Bandwidth throttling reduces contention for network resources. Double-Take can also fully integrate with TCP/IP QoS to provide dynamic throttling.

**Compression:** Multiple level of compression provides a choice of whether to trade CPU cycles for bandwidth.

**Distance Unlimited:** Double-Take's patented replication engine is the only solution that can provide complete crash consistency of data sets over any distance. Trans-continental, Trans-oceanic, never a corrupt byte.

## About Double-Take® Software

Headquartered in Southborough, Massachusetts, Double-Take® Software (Nasdaq: DBTK) is a leading provider of affordable software for recoverability, including continuous data replication, application availability and system state protection. Double-Take Software products and services enable customers to protect and recover business-critical data and applications such as Microsoft Exchange, SQL, and SharePoint in both physical and virtual environments. With its unparalleled partner programs, technical support, and professional services, Double-Take Software is the solution of choice for more than ten thousand customers worldwide, from SMEs to the Fortune 500. Information about Double-Take Software's products and services can be found at [www.doubletake.com](http://www.doubletake.com).

## Double-Take Software Headquarters

257 Turnpike Road  
Southborough, MA 01772  
Phone: +1-800-964-0185 or +1-508-229-8483  
Fax: +1-508-229-0866

## Double-Take Software Sales

8470 Allison Pointe Blvd. Suite 300  
Indianapolis, IN 46250  
Phone: +1-888-674-9495 or +1-317-598-0185  
Fax: +1-317-598-0187



Get the standard today: [www.doubletake.com](http://www.doubletake.com) or 888-674-9495

