



## Data Replication . . . Data Recovery

DOUBLE-TAKE® provides real-time, open-file data protection,  
reducing downtime for Windows 2000/2003 networks

**ABM Data Systems** has been at the forefront of the security monitoring industry since the introduction of central station automation. We know the needs of monitoring centers like yours. We know the technology. We set the industry standards for customer support. And we are committed to your success.

ABM Data Systems is a local provider for NSI's Double-Take software, the industry standard for data replication.

**Certified NSI  
Sales, Installation, and  
Service.**

**Software and Hardware  
available.**

### Product Benefits:

#### Improves Data Protection

Double-Take protects data in real-time, reducing the potential data loss from a full day's data to seconds or less.

#### Disaster Recovery Protection

No data protection strategy is complete without off-site protection from disasters. Because of its patented communication technology, Double-Take is uniquely suited to replicating data over WAN links.

#### Reduces Downtime

Failover is fast and automatic. Your exposure to downtime is reduced or eliminated.

#### Multi-Platform Management

Double-Take provides consistent solutions for Windows 2000/2003. All Double-Take products can be managed from GUI, Text-Based or Command-Line Clients running supported platforms locally or remotely.

#### Enhances Backup Performance

By giving your existing 3rd-party backup system access to open files, Double-Take improves backup reliability. In addition, the option of centralizing backup operations on the target server simplifies management, improves performance, and reduces cost of ownership.

#### User Defines Bandwidth

You can select the amount of bandwidth to dedicate to replication. If you have a 128K link, you can limit replication to a maximum of 64K, reserving the remainder for standard network traffic.

#### How Double-Take Works

Providing your company with robust, industrial-strength downtime prevention is easy. You install Double-Take software on each source and target server. Then, with an easy-to-use client application, you define the data you want replicated and where the copies are to be stored. If desired, the source server (s) can be active when the initial mirroring operation is performed.

Once this simple configuration is complete, operations are automatic and transparent. The failover module resides on the target server and continually monitors the source server(s). In the event of a server failure, the target server assumes the name and IP address of the failed server (in addition to its original name) and automatically invokes scripts to restart the appropriate applications.

# Technical Specifications

These specifications are the minimal requirements for this product. High account or signal volume may require more robust hardware (if there is more than 3,000 accounts or over 7,500 signals a month). All hardware components must be listed on the Microsoft Hardware Compatibility List for Windows 2003. Current as of 05/04/11, these specs are subject to change without notice. Call the ABM Technical Support for up-to-the-minute specs.

***For Double-Take configurations both servers must be identical in configuration for proper functionality.***

## Double-Take

### Software Requirements

Windows Server 2003 R2, Windows Server 2008, Windows XP Pro with SP2 or higher or Windows 2007 Pro.  
Microsoft SQL Server 2005/2008 or MS SQL Express  
IE7 or better

### Hardware Requirements

Pentium class dual processor or better  
(must perform at 2.0 GHz or higher)  
4 GB RAM  
(2) 80 GB or higher Hard Drives  
CD/RW or DVD/RW Drive  
Min. 4 USB Ports  
17" Color monitor (1 024x768 resolution)  
Mouse/Keyboard  
56K Baud External Modem or Internet Access  
(internal modem is not recommended)  
2 Serial Ports/ additional USB Ports for receivers or PCI Port Card Expansion or DigiPort Server  
(as required\*\*)  
Ethernet Network Card  
TCP/IP Network

\*\* Servers must have a serial port / usb ports for each Phoenix receiver license. For redundant systems, PCI port cards may be used. PCI cards must be identical for each server and an A/B switch is required. ABM recommends Digiport Servers for port expansion. A Digiport Server must be installed on the network and requires a separate IP address.

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