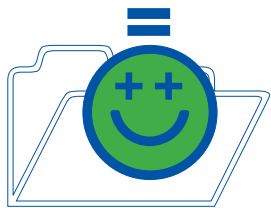




Pain Points



Questions to Ask



Benefits of Double-Take

**LIMITED IT RESOURCES**  
For backup and recovery

- Is your backup window too small?
- Do you have IT staff at all remote offices to backup your data?
- Are these resources able to recover your data easily if needed?
- Do you have limited bandwidth for remote office backups?

- Provide a real-time copy of data that can be backed up at anytime with no affect on production.
- Centralised management.
- Byte-level replication, bandwidth throttling and compression means no bandwidth concerns.

**CRITICAL DATA**  
On one or more servers

- How much data can you REALLY afford to lose?
- How far behind is your current data protection solution?
- Do you have to go back to yesterday's backup?
- How often do you test your restore function?
- Do you have a real-time copy of your data elsewhere?

- Data is only seconds behind with real-time replication.
- Restore from disk in minutes.
- No restoration concerns.
- Data can be stored offsite in case of site disasters.

**DOWNTIME**  
On one or more servers

- How much downtime can you REALLY afford to suffer for critical applications or servers?
- How quickly can you restore from tape? Hours? Days?
- How much data will you lose?
- What is the total cost to your organisation of a server or application failing?

- Failover with in seconds to minutes.
- Data is instantly available.
- Data is only seconds behind with real-time replication.
- 99.99 % uptime for all servers and applications.

**COMPLIANCE**  
i.e. Sarbanes Oxley, Basel II or contractual Service Level Agreements (SLA)

- Is your organisation required to maintain records?
- If you had a failure would your records be safe?
- Do you have any SLAs?
- Could you be fined for not meeting them?

- Certified on ALL Windows 2000/2003 Server platforms.
- Hardware and application independant.
- Patented STAR Technology guarantees data integrity.

# 1 Product ■ 3 Functionalities

## ■ HIGH AVAILABILITY

Double-Take® can be used to provide local or cross-site failover of servers and/or applications.

### Normal Operations

SERVER A  
SQL  
192.168.1.100



ANY TCP/IP  
CONNECTION



SERVER B  
192.168.1.103

### After FAILURE

SERVER A  
SQL  
192.168.1.100



ANY TCP/IP  
CONNECTION



SERVER B  
SERVER A  
SQL  
192.168.1.103  
192.168.1.100

## ■ BUSINESS CONTINUITY

Double-Take® can be used for local High Availability and offsite Disaster Recovery by daisy chaining machines together. Supporting many-to-one configs, a single server can take over for multiple failed servers, whilst maintaining a real-time copy of data from any remaining production servers. This provides HA and DR.

### Normal Operations

SERVER A SQL 192.168.1.100    SERVER B FILE & PRINT 192.168.1.101    SERVER C IIS 192.168.1.102



LAN CONNECTION



SERVER D  
192.168.1.103

WAN CONNECTION



SERVER E  
192.168.1.104

### After FAILURE

SERVER A SQL 192.168.1.100    SERVER B FILE & PRINT 192.168.1.101    SERVER C IIS 192.168.1.102



LAN CONNECTION



SERVER D  
SERVER A - SQL 192.168.1.103  
SERVER B - IIS 192.168.1.100  
SERVER C - IIS 192.168.1.102

WAN CONNECTION



SERVER E  
192.168.1.104

## ■ DISASTER RECOVERY AND CENTRALISED BACKUP

Replicate multiple servers, in multiple locations, to a central data store.

### Site A



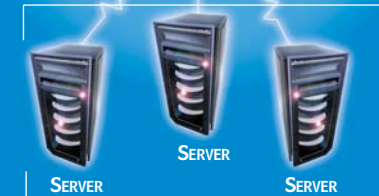
WAN CONNECTION



SERVER  
OR NAS

TAPE DRIVE

WAN CONNECTION



Site B

EDITIONS

- Double-Take® for Small Business Server: Supports Windows 2003 Small Business Server and Windows 2000 Small Business Server
- Double-Take® for Windows Replication SSE: Supports Windows based NAS devices for replication ONLY
- Double-Take® for Windows SSE: Supports Windows based NAS devices for replication and failover
- Double-Take® for Windows Server: Supports Windows 2003 Server, Windows 2000 Server & Professional, NT 4.0 Server, Terminal Server
- Double-Take® for Advanced Server: Supports Windows 2003 Enterprise Server, Windows 2000 Advanced Server and Windows NT 4.0 Enterprise Edition
- Double-Take® for Virtual Systems: 5 Double-Take for Advanced Server licenses bundled for use in virtualised environments
- Double-Take® for Datacenter Server: Supports Windows 2000/2003 Datacenter Server