

Double-Take[®] Capabilities Statement

Migrate and Protect Windows and Linux Data, Applications and Servers

Government agencies and their systems play a vital role in serving citizens, enabling successful and efficient operations and defending the nation. Yet, when striving to achieve national goals, agencies must follow mandates stemming from the Federal Information Technology Acquisition Reform Act (FITARA) to keep acquisition plans streamlined, employ best practices and reduce waste. To meet these directives, agencies must perform data center consolidations and migrations in the most efficient manner possible using different versions of Windows and Linux for easy system upgrades. Additionally, they must keep systems and data available – always. Products and services from Double-Take help to ensure this critical level of availability.

Migrations with Near-Zero Downtime

When heterogeneous governmental IT environments need to be optimized – whether due to the Continuity of Operations (COOP) directive, process optimization, legacy systems modernization, data base upgrades and/or physical server consolidation to a virtualized environment – the Any-to-Any capabilities of Double-Take Move software can perform these migrations.

Migrate without disruption

Downtime can last for several hours, or even a few days. But migrations with Double-Take Move occur with near-zero downtime. In fact, users are often unaware that a migration is even happening.

Short cutovers that you control

After the initial copy is complete, the servers stay synchronized until you confirm the replication was complete and accurate. When it's convenient to cutover to the new sever, downtime is typically limited to less than five minutes.

Complex environments made simple

Double-Take Move automates migrations of “mix-and-match” inter-department environments, including any combination of physical, virtual and cloud-based servers. Source and target servers can even

use different versions of Windows or Linux for easy operating system upgrades.

“Prior to getting Double-Take Move, there wasn't much hope of getting it done within the time I had, but the problem was completely avoided and nobody even had the slightest clue that there was ever a problem.”

– Tom, IT Consultant

Double-Take[®] Move™
Double-Take[®] SQLMove™

Simple, Secure Cloud Onboarding

Policies like Cloud First are driving federal agencies to aggressively adopt the cloud, but concerns about data loss, security, maintaining compliance goals, risk management and uptime, are keeping some agencies at a stand-still. Double-Take Move has all the tools necessary to make cloud onboarding simple. Trust Double-Take to start your migration to public, hybrid or private clouds or cloud-to-cloud.

Anything your agency uses can migrate to the cloud

Double-Take Move provides the flexibility to migrate and recover servers, file systems, permissions and attributes to the cloud without impacting daily operations.

You have options for protection

Using the cloud to protect agency or organizational systems, provides you with a number of flexible recovery options. With just a few clicks you can set up ground-to-cloud, cloud-to-ground and cloud-to-cloud plans. Inter-agency barriers will become a thing of the past, thus ensuring non-tiered data centers operate cost effectively.

The cloud offers the latest in compliance

Double-Take Move can help you migrate your most sensitive or high-impact workloads to public clouds such as Amazon Web Services (AWS) or Microsoft Azure, two options that meet the latest and highest compliance standards of the Federal Risk and Authorization Management Program (FedRAMP).

“With Double-Take Move, we migrated to Azure with reduced downtime to 15 minutes per server. For more than 300 servers, that's a downtime avoidance of about 2,500 hours.”

– Sami, Chief Technology Officer

Double-Take[®]
Cloud Migration Center™
Double-Take[®] Move™
Double-Take[®] Availability™
Double-Take[®] DR™

Secure High Availability/ Disaster Recovery (HA/DR)

Hardware can't always be available, but data and applications can. Double-Take® Availability™ securely replicates data, applications or entire servers on Windows servers and Linux servers to a backup server in real time. The initial copy process and ongoing change replication occur in the background, leaving operations unaffected.

Security and privacy built for government agencies

Confidently use Double-Take Availability to migrate across site-to-site and host-to-host VPNs, along with other highly secure IP networks, using 256-bit encrypted connections if necessary.

Keep a hot-standby backup ready

The secondary server can assume the production role quickly if the primary server ever becomes unavailable, regardless of the downtime cause.

Stay operational in heterogeneous environments

Double-Take Availability optimizes agency environments by mixing and matching production and backup environments, for example: a physical server might be backed up to a virtual environment or the cloud.

"Failover and recovery time has been reduced to minutes when previously it took a day to get systems up and running again."

– Jeff, Infrastructure Manager

Double-Take® Availability™
Double-Take® DR™

Seamless Data Sharing

Government agencies often have to share considerable data. Rather than manually re-entering it or periodically extracting, transporting and reloading data, data sharing should be seamless and automatic.

Don't wait for replication

Double-Take® Share™ automatically creates initial replicas and then replicates data changes between differing hardware, operating systems and database management systems in near-real time.

One solution for disparate systems

Double-Take Share reconciles any differences in the technologies and database schemas on either side of the replication.

Save time, money, and resources

Minimize the manual labor involved and lower costs. Double-Take Share reduces human error risks and ensures that critical data is always available where it's needed.

Double-Take® Share™

Patented Replication Technology

- STAR Technology (Sequential Transfer Asynchronous Replication)
- All changes are transmitted at the byte-level
- Support of NTFS, EFS, FAT/EX2/3/4/ XFS Btrfs systems
- Only change and write operations are monitored
- Three levels of intelligent data compression
- Bandwidth management & encryption
- Minimize impact RTO/RPO
- 24x7 US based customer care support

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CAGE Code: 3Y9N2
Federal ID: 20-0230046

Contract Vehicles
GSA Schedule:

- StorageHawk Contract Number: GS-35F-0443W
- Dell Contract Number: GS-35F-0097Y

NASA SEWP V
NITAAC CIO-CS
FAA SAVES
DHS FirstSource II
ARMY ITES-3S
USAF NETCENTS-2

NAICS Code:
423430 – Software Publishers
541511 – Custom Computer Programming Services
541512 – Computer Systems Design Services
541519 – Other Computer Related Services
611420 – Computer Training

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