

PlateSpin Migrate

Fast, reliable workload migrations to Hyper-V from physical and virtual servers

PlateSpin® Migrate is a powerful workload portability solution that automates the process of moving server workloads over the network between physical servers, virtual hosts and image archives. PlateSpin Migrate remotely decouples workloads from the underlying server hardware and streams them to and from physical or virtual hosts—all from a single point of control.

PlateSpin Migrate provides organizations with a mature, proven high-performance solution for migrating multiple concurrent workloads across infrastructure boundaries, from desktops to data centers.

Improve the Speed and Quality of Hyper-V Migrations with PlateSpin Migrate

- **Server and Data Center Consolidation** – Quickly and easily move and consolidate workloads from physical servers or other virtual environments to a Hyper-V virtual environment by automating the workload migration phase of your server consolidation or data center consolidation initiative.
- **Live Workload Migrations** – Rapidly copy or move live sever workloads to Hyper-V from physical or virtual environments with zero (copy) or near-zero (move) downtime.
- **Virtual Environment Conversions** – Save time and finish projects faster with fully automated conversions to Hyper-V from VMware and Xen environments. PlateSpin

Migrate automatically installs Hyper-V Integration Services and uninstalls VMware tools.

- **Data Center Relocation** – Reduce the time and effort required to relocate your data center by streaming live or offline server workloads directly from one location to another over a wide area network (WAN).

Use Staged Migrations for True Anywhere-to-Anywhere

Sometimes, whether for connectivity, size, cost, or other reasons, streaming a workload directly over the network between the source and target sites isn't practical. One common scenario is where the WAN connection between distant sites is slow, expensive, or both. PlateSpin Migrate overcomes this challenge by enabling migrations in stages. Simply perform an initial physical-to-image (P2I) or virtual-to-image (V2I) migration, then copy the image onto flash drive, portable hard drive, or other media. Ship the image media to the target location, then perform an image-to-virtual (I2V) or image-to-physical (I2P) migration into the target environment. The source workloads can remain live and in production throughout this process, and only minimal downtime is needed for PlateSpin Migrate to perform a final synchronization to copy any intermediate changes over to the new workload. In many scenarios, this synchronization is much faster and less expensive than copying the whole workload over the WAN.



WORKLOAD MANAGEMENT
Systems and Application
Management

PRODUCT
PlateSpin Migrate

PlateSpin® Workload Management is a portfolio of high-performance enterprise-class products that automate and accelerate analysis, planning and execution for server migration, consolidation, and disaster recovery, across today's mixed IT environments.

Key Features

- **Support for Windows and Linux Workloads** – Move critical 32-bit and 64-bit Windows and Linux workloads across infrastructure boundaries. PlateSpin Migrate provides full support for most Windows environments, including 64-bit Windows 2012 R2 workloads. PlateSpin Migrate also supports physical and virtual functionality for both SUSE Linux Enterprise Server, Red Hat Enterprise Linux, and other Linux distributions.
- **Server Sync** – Reduce the risks associated with workload relocation projects like server consolidation and migration, and data center relocation. Server Sync allows you to perform an initial transfer to the target site or host, test the workload in the new location, and then perform a final sync before cutting over the workload—all while continuing to run the source. Server Sync also removes the necessity for multiple full system replications to significantly accelerate workload migrations over WANs.
- **Block-level and File-based Replication** – Move highly transactional workloads, such as mail servers and database servers, while preserving integrity with block-level replication and Volume Snapshot Service (VSS) for Windows workloads or Logical Volume Manager (LVM) snapshots for Linux workloads. Using block-level transfer, PlateSpin Migrate replicates only changed disk blocks, not entire files, making it ideal for incrementally synchronizing large database servers and enabling efficient offsite data transfers. For more static workloads, and older Windows operating systems that do not support VSS, file-based replication provides fast, efficient workload migration while maintaining server uptime.
- **FIPS-Compliant Security** – PlateSpin Migrate encrypts data transferred during migrations, and is fully FIPS-compliant.
- **Anywhere-to-Anywhere Workload Migration** – Automatically configure any server workload to operate on a new target environment. PlateSpin Migrate supports leading virtualization solutions, as well as multiple operating systems, hardware configurations and imaging technologies. PlateSpin Migrate automatically makes all driver, kernel and other necessary changes to support physical-to-physical (P2P) and virtual-to-virtual (V2V) migrations, as well as physical-to-virtual (P2V) and virtual-to-physical (V2P) conversions.
- **Scalability** – Dramatically reduce the time required to complete large-scale data center initiatives such as server consolidation or hardware migration. On high-performance server hardware, PlateSpin Migrate enables up to 40 simultaneous workload migrations.
- **Industry-Leading Automation** – Accelerate workload migration activities and reduce manual errors with the highest level of automation. Automate post-migration tasks with custom batch files or user-defined scripts, minimizing manual intervention and freeing up valuable IT resources for other tasks.
- **On-the-Fly Configuration** – Reconfigure and adjust CPU, disk, memory and network resources on the fly to match changing workloads and target-machine resources. Administrators can even start or stop individual services during migrations.
- **Cohesive Planning and Execution** – Combine PlateSpin Migrate with PlateSpin Recon, an analysis and planning product, to obtain the only solution that automates and integrates the assessment, planning, testing and migration phases of successful data center initiatives.

To learn more about NetIQ PlateSpin Migrate, or to start a trial, go to <https://www.netiq.com/products/migrate/>.

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