

PlateSpin Migrate

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

PlateSpin Migrate at a Glance

- **Support for Windows and Linux Workloads:**

Move critical 32-bit and 64-bit Windows and Linux workloads across infrastructure boundaries.

- **Server Sync:**

Reduce the risks associated with workload relocation projects like server consolidation and migration, and data center relocation.

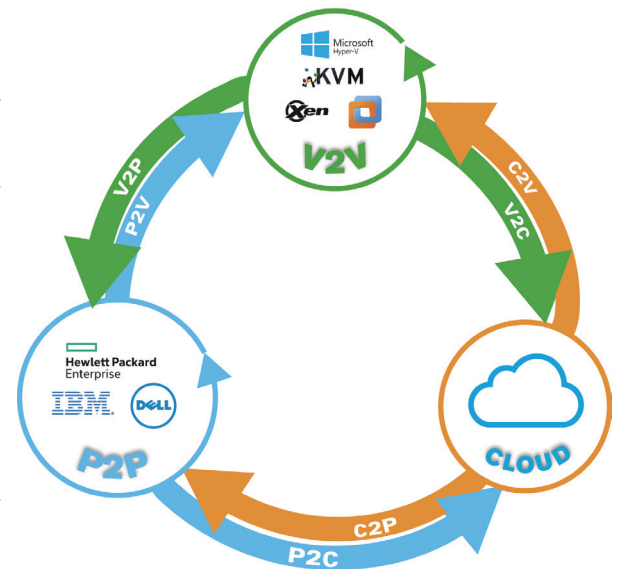
- **Block-level and File-Based Replication:**

Move highly transactional workloads while preserving integrity with block-level replication and Volume Snapshot Service (VSS) for Windows workloads or Logical Volume Manager (LVM) snapshots for Linux workloads.

PlateSpin Migrate provides service providers, systems integrators, and enterprises with a mature, proven solution for quickly and efficiently migrating and testing large numbers of workloads across infrastructure boundaries, across the data center floor or around the globe.

Anywhere-to-Anywhere Migration for All Workloads in the Data Center

Modern data centers employ a mix of different hardware platforms, operating systems and virtualization technologies that just work together for operational efficiency, agility and business growth. PlateSpin Migrate reduces cost, complexity and risk in the data center by working nimbly in this complex environment. It provides a unified approach to solving critical IT challenges.



PlateSpin Migrate performs anywhere-to-anywhere workload migration with the broadest multiplatform support for hypervisors, operating systems, and server hardware.

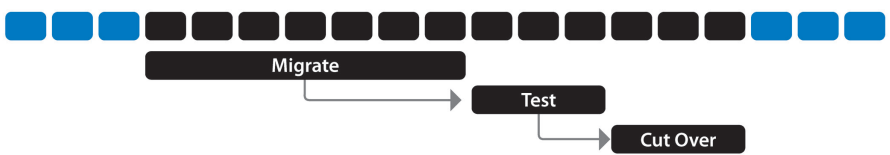
The PlateSpin product family is a portfolio of enterprise-class products that simplifies server-workload management across today's mixed IT environments.

Improve the Speed and Quality of Data Center Initiatives with PlateSpin Migrate

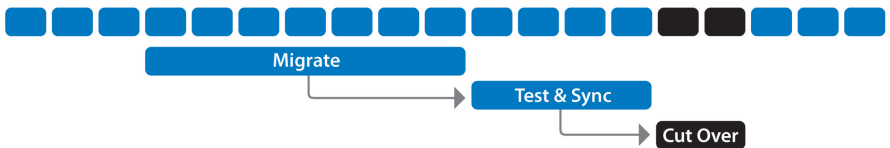
- **Data Center Transformations**—Shorten timelines for large-scale migration projects. Whether you're changing virtualization platforms or moving workloads to the cloud, PlateSpin Migrate helps you finish faster with maximum automation and minimal downtime.
- **Server and Data Center Consolidation**—Quickly and easily consolidate workloads from physical servers to virtual machines or new hardware by automating the workload migration phase of your server consolidation or data center consolidation initiative.
- **Hardware Lease Migration**—Rapidly move workloads from end-of-lease servers to new, high-performance hardware with fast and efficient physical-to-physical (P2P) workload migrations.
- **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).

To reduce the risks associated with workload migration and avoid downtime, the PlateSpin Migrate Server Sync capability enables live testing as an embedded part of workload migration with no disruption to production systems. What's more, you can repeatedly test and sync as often as needed, making it easy to schedule testing from different application

Without Server Sync



With Server Sync



Black squares indicate downtime with and without PlateSpin Migrate.

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groups, and minimizing the downtime required for final cutover.

Key Features

- **Anywhere-to-Anywhere Workload Migration**—Automatically configure any server workload to operate on a new target environment. PlateSpin Migrate supports all of the leading virtualization solutions—including VMware vSphere, ESX and ESXi, Microsoft Hyper-V, SUSE® Linux Enterprise Server with Xen, and Citrix XenServer as well as multiple operating systems, hardware configurations, and cloud platforms. And with a continually-updated database of over 55,000 hardware drivers,

and the ability for you to add your own custom drivers, PlateSpin Migrate ensures the widest array of hardware and platform support. PlateSpin Migrate makes all driver, kernel, and other necessary configuration changes automatically, so you can be sure workloads will run as expected in the new environment.

- **Scheduled Server Sync**—Allows you to perform an initial transfer to the target site or host, and then test the workload in the new location, all while continuing to run the source workload. You can then perform a single Server Sync once testing is complete, to ensure the target workload matches the source. Or, for longer, more

in-depth testing applications, you can schedule multiple ad-hoc or recurring incremental Server Sync replications. Server Sync accelerates the migration life-cycle and removes the need for multiple full system replications.

- **Block-Level Replication**—Move highly transactional workloads, such as mail servers and database servers, with high-speed block-level replication. Once the initial copy is complete, PlateSpin Migrate uses proprietary block-based transfer protocols to replicate only the changed portions of files to the new location at each synchronization. This dramatically speeds up subsequent synchronizations, and minimizes the amount of data to be copied, and the time needed, for final cutover.
- **Scalability**—Dramatically reduce the time required to complete large-scale migration and data center transformation projects. On high-performance server hardware, PlateSpin Migrate enables up to 40 simultaneous workload migrations. Need

to migrate even more server workloads even faster? Since PlateSpin Migrate is licensed by the number of workloads you migrate, not the number of times you install the software, you can deploy an unlimited number of PlateSpin Migrate servers across your data centers at no additional cost.

- **On-the-Fly Configuration**—Reconfigure and adjust CPU, disk, memory, and network resources on the fly to match changing workload and target-machine resources.
- **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 to minimize manual intervention and free up valuable IT resources for other tasks. You can even automate the migrations themselves, using the script-based command line interface (CLI), or integrate with your other systems through the application programming interface (API).

- **Cohesive Planning and Execution**—Combine PlateSpin Migrate with PlateSpin Transformation Manager—a new planning, scheduling, and visualization solution built from the ground up to manage large-scale data center transformation projects—for the only solution that automates and integrates the planning, execution, management, and testing phases of successful large-scale migration projects.

“The PlateSpin solution saved Essent about €2 million for the data center consolidation project alone. The [PlateSpin] solution also made it possible to complete our data center consolidation without any costly business disruption, and with considerably reduced risk.”

MARCO SPOEL

Project Manager, IT Infrastructure
Essent

**“The automated PlateSpin solution has saved us some
2,200 hours of configuration time and effort—that’s a
savings of 300 work days or almost 17 months of
labor for our IT team...”**

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