



PlateSpin® Workload Management: Continually Optimize, Migrate and Protect

PlateSpin® Workload Management solutions from Novell optimize the data center by profiling, migrating and protecting server workloads across the enterprise between physical servers and virtual hosts. With broad support for Windows*, Linux* and UNIX*, our PlateSpin solutions lower data center costs, simplify the management of mixed IT environments and improve the speed and quality of key data center initiatives.

Build an Agile Data Center with Workload Profiling and Portability

PlateSpin Workload Management solutions from Novell allow enterprises to build more agile and interoperable data center infrastructures by easing the burden and costs of managing physical and virtual environments. Our solutions span infrastructure barriers to make physical and virtual IT environments work as one, helping enterprises reduce cost, complexity and risk in the data center.

Core PlateSpin Workload Management Technology

Workload Profiling

To maintain agility and efficiency, enterprises need a thorough understanding of server workloads and how they use available resources. Our PlateSpin workload profiling technology allows you to collect hardware, software and services inventory for all server

workloads and analyze workload utilization statistics for a clear and concise picture of the workloads running in the data center. The resulting workload profile gives organizations the intelligence they need to make better virtualization decisions and simplify the management of physical and virtual workloads throughout their lifecycle.

Workload Portability

PlateSpin workload portability technology from Novell decouples server workloads from their underlying server hardware and streams these workloads over the network in any direction between physical servers, virtual hosts and image archives. With our workload portability technology, organizations can span infrastructure boundaries and make their physical and virtual environments work as one. PlateSpin workload portability technology encompasses both workload

Solutions:

PlateSpin Workload Management

Products:

- PlateSpin Recon
- PlateSpin Migrate
- PlateSpin Orchestrate
- PlateSpin Protect
- PlateSpin Forge®



“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.”

Steve Houghton

*Infrastructure Solutions Architect
Norwich Union IT Solutions*



“PlateSpin saved us a great deal of time, effort and expense, as we were able to upgrade the servers in 500 of our store locations and migrate workloads from the old to new hardware at the press of a button.”

Christian Stäblein
FILIADATA

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migration (server consolidation, hardware lease migration, data center relocation and more) and workload protection. Workload protection refers to the ability to incrementally replicate multiple workloads to a single, warm-standby virtual recovery environment.

In the event of a production server outage or disaster, workloads can be rapidly powered on in the virtualized recovery environment and continue to run as normal until the production environment is restored.



Contact your local Novell Solutions Provider, or call Novell at:

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PlateSpin Workload Portability and Protection Solutions Work Together

The combination of our PlateSpin workload profiling and portability technology gives organizations a powerful workload management solution for optimizing physical and virtual environments and improving the speed and quality of data center initiatives. PlateSpin workload profiling also provides greater visibility into how virtual infrastructures are growing and changing. PlateSpin workload portability technology provides the freedom to quickly and easily move and rebalance server workloads across physical and virtual hosts so workloads always reside where they can run most effectively.

Common Workload Management Challenges and Solutions

Challenge	Solution	How PlateSpin Helps
Underutilized, power-hungry physical servers and infrastructure sprawl are difficult and costly to manage.	Server Consolidation	Migrate workloads from underutilized physical servers into a virtual environment to increase server efficiency and reduce power and cooling costs.
The high cost of traditional recovery solutions leaves a large share of server workloads unprotected or under-protected in the event of an outage.	Disaster Recovery and Availability	Incrementally replicate whole server workloads (physical or virtual) to a virtualized recovery site and rapidly recover workloads in the event of downtime.
The enterprise struggles with the complex task of physically relocating the data center without impacting business operations.	Data Center Relocation	Migrate all server workloads (physical or virtual) from one data center location to another over the network.
Older, end-of-lease servers are under-performing, creating the risk of downtime, and impeding the delivery of business services.	Hardware Lease Migration	Migrate workloads from end-of-lease servers to new hardware infrastructures or from one hardware vendor to another.
The business return from virtualization investments is sub par because the enterprise struggles with new management challenges associated with virtual environments.	Virtual Infrastructure Management	Identify and manage server workloads across a heterogeneous virtual environment. Avoid virtual infrastructure sprawl and automate common virtual machine management tasks.
Workloads and available physical and virtual resources are not in balance, creating inefficiencies, impacting service levels and increasing risk.	Data Center Optimization	Dynamically manage and provision server workloads across physical and virtual environments. Keep workloads and resources in a constant balance to meet SLAs and create new efficiencies with little risk.