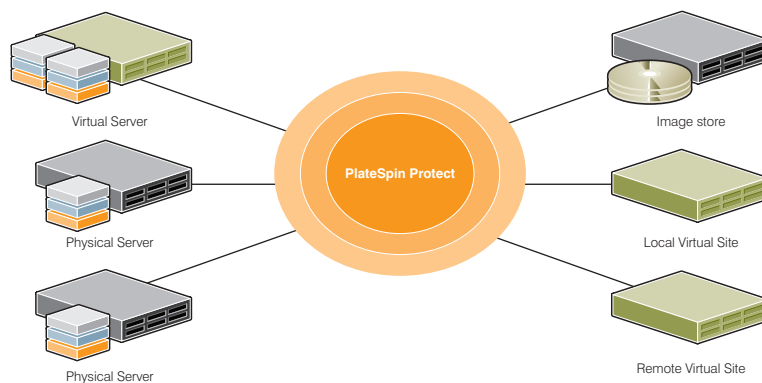




PlateSpin® Protect: Workload Protection and Recovery

PlateSpin Protect is a powerful workload protection solution from Novell that protects and rapidly recovers whole server workloads including data, applications and operating systems – all from a single point of control. In the event of a production server outage or disaster, workloads can be rapidly powered on and continue to run as normal until the production environment is restored. PlateSpin Protect provides a simple, flexible and cost-effective solution for protecting physical and virtual workloads in the data center.



With PlateSpin Protect, enterprises of all sizes can protect both physical and virtual workloads in the data center using a choice of local and remote virtual machines and image archives.

- **Solution:**
Workload Management
- **Capabilities:**
Whole Workload Protection
Disaster Recovery
Hardware-Independent Restore
One-Click Failover
Disaster Recovery Testing
- **Product:**
PlateSpin Protect

PlateSpin Workload Management
PlateSpin Workload Management from Novell is a portfolio of enterprise-class products that simplify the management of server workloads across today's mixed IT environments. PlateSpin Workload Management profiles, migrates, protects and manages workloads over the network between multiple hypervisors and computing platforms – all from a single point of control. Engineered to fit into your existing IT infrastructure, our cohesive solution is designed to scale as your data center evolves. PlateSpin Workload Management allows enterprises of all sizes to reduce costs, complexity and risk, transforming their data center into a more agile, efficient and resilient IT environment.

Easier to test and faster to recover than traditional options, PlateSpin Protect provides the most flexible, reliable and cost-effective solution for protecting physical and virtual workloads in the data center.



PlateSpin Protect provides the most flexible, reliable and cost-effective solution for protecting physical and virtual workloads. Easier to test and faster to recover than traditional options, PlateSpin Protect extends recovery capabilities to a broad range of workloads in the data center that have previously been under-protected.

Flexible, Efficient and Cost-Effective Workload Protection and Recovery

Offering a range of workload protection alternatives in a single product, PlateSpin Protect provides a flexible, cost-effective solution for protecting a broad range of physical and virtual workloads. Depending on the specific recovery requirements of different types of workloads, organizations can opt for flexible image backup and hardware-independent restore or consolidated recovery using virtualization as a recovery platform for physical or virtual workloads.

Quicker, Smarter, More Economical

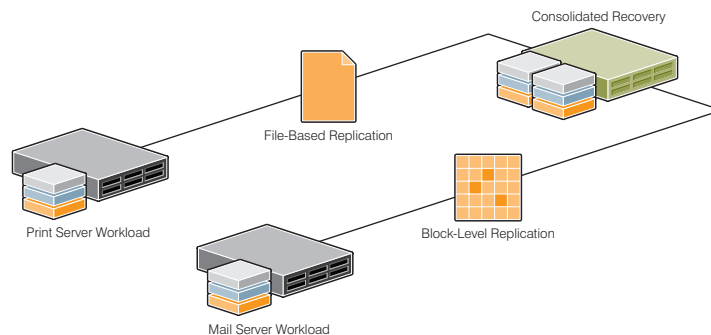
PlateSpin Protect revolutionizes the way disaster recovery solutions are deployed, tested and managed by offering an affordable and easy-to-use solution for protecting all workloads in the data center. With PlateSpin Protect, data centers can protect whole server workloads – both system and data volumes – within a single bootable recovery environment using virtualization.

Easier to Test

Regular testing is a critical but often overlooked component of a disaster recovery plan. PlateSpin Protect allows organizations to rapidly and easily test the integrity of protected workloads. With a single click, users can take a virtual snapshot of the recovery workload, power it on and quickly validate the recovery plan without disrupting the production environment.

Faster to Recover and Restore

With PlateSpin Protect, recovery time in the event of failure is as simple as powering on a virtual machine. PlateSpin Protect enables organizations to cost-effectively improve recovery time and point objectives across a broad range of server workloads. PlateSpin Protect gives organizations the flexibility to restore workloads to any physical or virtual host regardless of manufacturer, make or model.



PlateSpin Protect enables enterprises to protect workloads in the data center with file-based and block-level replication. File-based replication provides a cost-effective solution for protecting stateless or low I/O workloads while maintaining server uptime. High-speed block-level replication enables the protection of transactional workloads such as mail and database servers.

Key Features of PlateSpin Protect

Cost-Effective Consolidated Backup and Recovery

Incremental synchronization can occur at user-defined intervals to maintain currency between production environments and virtual standby systems. Multiple hardware-independent virtual recovery environments can be hosted on a single hypervisor to provide an affordable disaster recovery alternative for previously under-protected servers.

Easy Test Recovery

PlateSpin Protect allows data centers to quickly test recovery plans without disruption to the backup process, bringing simplified, auditable testing to disaster recovery procedures.

One-Click Failover

Recover workloads quickly by booting up a replicated copy on the virtual recovery server.

Secure Conversions

128-bit AES encryption and end-to-end SSL support provide state-of-the-art protection for high-security data center environments.

PlateSpin Flexible Images

Reduce recovery costs by maintaining a library of hardware independent images which can be deployed to any hardware make or model to recover the workload. This option is ideal for offsite hosted recovery where similar hardware is not always available or when the recovery process needs to be tested on a regular basis.

Multiplatform Workload Protection

PlateSpin Protect supports different virtualization solutions including VMware ESX & ESXi and Microsoft Virtual Server as well as multiple operating systems, hardware configurations and imaging technologies.

Support for 32-Bit and 64-Bit Windows Workloads

PlateSpin Protect allows organizations to protect critical 32-bit and 64-bit Windows workloads. PlateSpin Protect provides full support for Windows environments including 64-bit Windows 2003 and Windows XP workloads.

Live Incremental Replication

PlateSpin Protect enables the incremental replication or incremental image capture of active Windows servers without taking the source servers offline or having to reboot. Incremental imaging allows you to recover from corrupted systems or configuration mistakes using historical point in time recovery points.

Multiple Concurrent Replications

Workload protection initiatives demand reliable and efficient replication. PlateSpin Protect enables multiple concurrent workload replications for maximum efficiency and scalability.

Block-Level and File Replication

Block-level replication enables the protection of transactional workloads such as mail servers and database servers. With block-level transfer, only the portion of a file that has changed is replicated, making it ideal for incrementally synchronizing large database servers and enabling efficient offsite data backups. File-based replication provides a fast and efficient solution for protecting more static workloads while maintaining server uptime.

Server Sync™

Reduce the risks associated with workload protection projects. Perform an initial transfer to the target recovery site or host, test the workload in the new location while continuing to run the source, and then perform a final sync before cutting over the workload. Server Sync also helps when the source and destination are geographically distributed. Removing the necessity for a full system replication can dramatically accelerate workload protection over the wide area network.

Automatic Discovery

Automatically discover existing physical or virtual machines throughout the network for complete visibility into the data center landscape including hardware, operating systems, services and application inventory. This feature allows you to quickly identify workloads that should be protected using discovered workload details.

Central Management Console

Whether you are protecting workloads via images or replication to standby virtual machines, PlateSpin Protect allows you to manage your protection environment through a single secure console. The management console connects to the management server over standard Web protocols, making it easy to use across multiple data center sites and firewalls.

On-the-Fly Configuration

Reconfigure and right-size CPU, disk, memory and network resources on-the-fly to adjust to changing workloads and target recovery machine resources. Change critical parameters on restore and right-size the target recovery server to match workload demands.

Role-Based Access

PlateSpin Protect includes a range of security features including user authentication, authorization and logging so that system administrators can effectively manage and monitor user activities, assigning the right privileges to the right users.

Cohesive Planning and Execution

PlateSpin Protect works in tandem with PlateSpin Recon, Novell's analysis and planning solution, to provide the only solution that automates the assessment, planning, testing and replication phases of a successful disaster recovery initiative.

PlateSpin Workload Management

www.platespin.com

PlateSpin Protect Platform Support

Server Operating Systems	Desktop Operating Systems	Target Hypervisors	Hardware Vendors (Standalone and Blade Servers) ¹	Image Formats
<ul style="list-style-type: none">• Windows 2003 (32 and 64-bit)• Windows 2000	<ul style="list-style-type: none">• Windows XP pro• Windows 2000	<ul style="list-style-type: none">• VMware ESX• VMware ESXi	<ul style="list-style-type: none">• Dell• HP• IBM• Unisys• Others	<ul style="list-style-type: none">• Acronis® True Image™• PlateSpin® Flexible Image Packages• Symantec® Ghost™• Symantec® LiveState™• CommVault®• Tivoli® Storage Manager• Symantec® Backup Exec™

¹ Contact PlateSpin for current hardware compatibility



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

1 877 528 3774
416 203 6565

PlateSpin ULC

340 King Street East, Suite 200
Toronto, Ontario, M5A 1K8