NetIQ

**Product Flyer**

PlateSpin Protect

# PlateSpin Protect

PlateSpin® Protect provides high-performance disaster recovery for server workloads, and Workload Management is a portfolio of enterprise-class products that simplifies the management of server workloads across today's mixed IT environments.

## PlateSpin Protect at a Glance

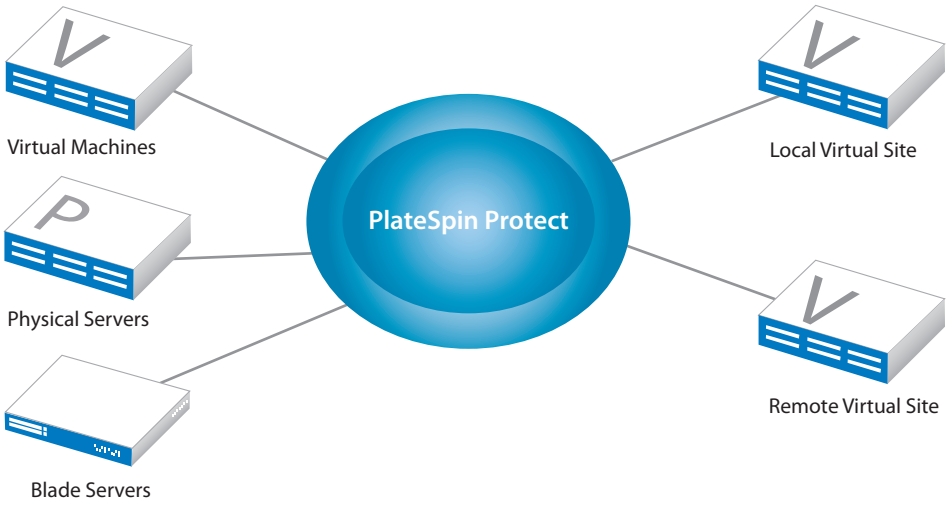
- **Low RTO or RPO:**
  Replicate production workloads to warm-standby virtual machines, which can be powered on and run directly within your virtual infrastructure in minutes.
- **Live Whole Workload Replication:**
  PlateSpin Protect enables you to protect entire server workloads (data, applications and operating systems) within a single bootable recovery environment.
- **Easy Failover Testing:**
  One-click test failover allows you to rapidly test the integrity of workload replication.

Historically, disaster recovery for backing up and protecting server workloads came in two extremes: slow but inexpensive tape backup and expensive infrastructure duplication for zero or near-zero downtime. But increasingly, organizations are looking for an affordable middle ground, for the growing "middle class" of physical and virtual workloads that have recovery time objectives (RTO) and recovery point objectives (RPO) between thirty minutes and four hours. Overnight tape backups can't meet these metrics, and mirroring duplicate infrastructures is too costly for all but a small number of the most mission-critical workloads. NetIQ bridges this gap with PlateSpin [Forge or Protect], capable of delivering on RTOs and RPOs of less than one hour, for a fraction of the cost of duplicate servers.

## Product Overview

PlateSpin Protect is a powerful workload protection software solution that leverages the VMware infrastructure you already own to provide a smarter, faster way to replicate and protect whole server workloads—including data, applications and operating systems. PlateSpin Protect delivers high-performance protection for physical and virtual workloads, running either Windows or Linux. PlateSpin Protect features a fully sandboxed virtual test environment to ensure that virtual backups will run as needed, if needed. In the event of a production server outage or disaster, you can rapidly power on exact virtual machine copies of production workloads and continue to run them as normal, until you restore the production servers. Replica workloads created as virtual machines offer extremely fast recovery times, and incremental replication provides multiple restore points. When you've replaced or repaired your production environment, you can then restore the workloads back to any available physical server or virtual host—even across different server models and hypervisors.

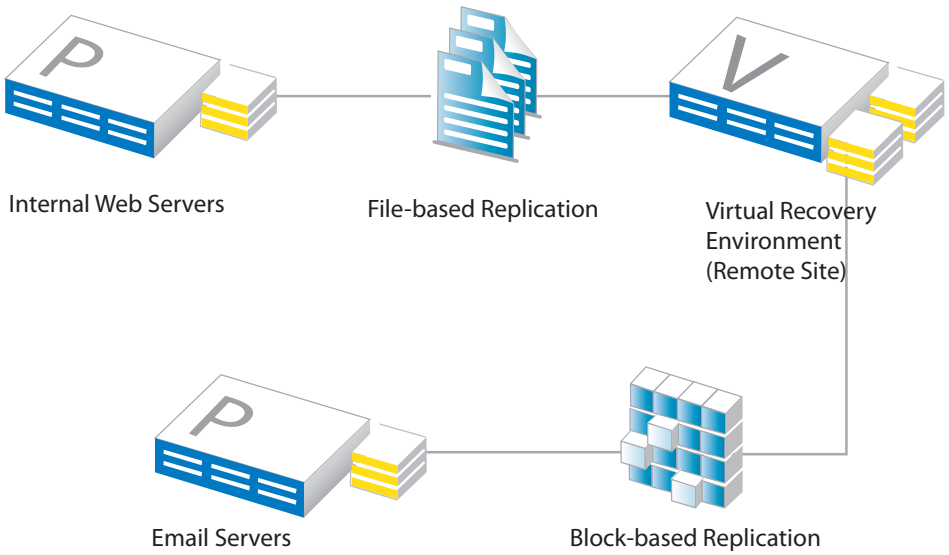
# With PlateSpin Protect, recovery in the event of failure is as simple as powering on a virtual machine.




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

## Key Benefits

- **Lower DR Costs**–When given the choice between costly infrastructure duplication-based mirroring solutions and tape backup solutions, IT administrators must use expensive mirroring for any workload for which the 24-hour RPO of tape is unacceptable, even if those workloads don't truly need zero or near-zero RPO. PlateSpin Protect allows you to achieve most of the performance benefits of mirroring your environments, with RPOs and RTOs of under an hour, at a price point approaching tape. You can significantly reduce disaster recovery infrastructure costs by using the most expensive solution, mirrored duplication, for fewer workloads–only the ones that truly need it.
- **Improve Performance**–At the same time, having spent up to 80% of the DR budget on duplication-based mirroring solutions for truly mission-critical workloads, many organizations settle for poor-performing tape backup for all remaining workloads. PlateSpin Protect dramatically reduces RTOs compared to tape. While a backup tape must first be retrieved and restored to a separate recovery environment, the warm standby virtual machines used by the NetIQ solutions can be quickly booted in place to run directly within the virtual recovery infrastructure. This approach delivers vastly improved performance over traditional backup, allowing you to improve recovery times for a greater percentage of your workloads while avoiding costly duplicate hardware and software investments.
- **Reduce Risk**–Regular testing is a critical but often overlooked component of disaster recovery planning. PlateSpin Protect allows you to rapidly and easily test the integrity of protected workloads. With a single click, you can take a virtual snapshot of the recovery workload, boot it into a safe sandbox test network, and quickly validate the recovery plan to ensure that recovery metrics, including recovery time objective (RTO) and recovery point objective (RPO), are met. And because the test snapshot is fenced off from the production network, you can work without impacting the production environment. PlateSpin Protect gives you a very easy, fast—and more importantly, safe—testing mechanism. The more regularly you test test disaster recovery solutions, the more confidence you (and the organization) have that they are up-todate and will function correctly and as expected if a disaster actually occurs.




PlateSpin Protect enables both file-based and block-based replication. File-based replication providesthe fastest solution for protecting stateless or low I/O workloads while maintaining server uptime. High-speed block-based replication enables you to protect transactional workloads, such as email and database servers.

## Key Features

### HIGH-PERFORMANCE, LOW-RISK PROTECTION

**Under an hour RPO and RTO.** Replicate production workloads to warm-standby virtual machines, which can be powered on and run directly within your virtual infrastructure in minutes. Virtual machines deliver incredibly fast recovery performance because the backup media is also the recovery environment. PlateSpin Protect delivers mirror-like performance at tape backup prices, protecting workloads with frequent user-configurable incremental replications, allowing RPO as low as 30 minutes and RTO as low as an hour or less.

**Live whole workload replication.** PlateSpin Protect enables you to protect entire server workloads (data, applications and operating systems) within a single bootable recovery environment, without taking the source servers offline or having to reboot. Replication uses minimal resources on the source servers, so users can continue to use production servers even while they're being backed up, with little or no impact on performance. Whole workload protection allows you to avoid the hassles of manual system rebuilding, system and data restore.

**Easy failover testing.** One-click test failover allows you to rapidly test the integrity of workload replication. With a mouse click, you can take a virtual snapshot of the recovery workload, power it on within a private internal sandbox network and quickly validate the recovery plan. PlateSpin Protect provides an easy, fast, auditable—and more importantly, safe—testing mechanism so you can be sure your recovery—and not just you backup—is working properly.

**Multiple recovery points.** PlateSpin Protect supports multiple recovery points, allowing you to revert back to the last known good state of a protected workload. This eliminates the risk of recovering a corrupted workload. You can customize the number of recovery points to achieve an optimal balance between storage allocation and protection requirements.

**Broad platform support.** PlateSpin Protect enables streamlined disaster recovery for mixed datacenter environments, with support for protection of physical and virtual workloads running Windows or Linux.

### ECONOMICAL DISASTER RECOVERY

**Failback flexibility.** Leveraging the multi-platform Workload Portability technology also found in PlateSpin Migrate, PlateSpin Protect provides flexible restore options to close the loop of disaster recovery by "failing back" or restoring your workloads to any available server. With the broadest support of x86 hardware and virtual platforms, there's no need to keep identical duplicate hardware on standby "just in case." PlateSpin Protect gets you back to business as usual with ultimate flexibility; workload failback can be rapidly executed to any physical or virtual host regardless of manufacturer, make or model.

**SAN integration.** PlateSpin Protect integrates with existing storage to accommodate current and future recovery requirements. You can benefit from the unique NetIQ workload protection capabilities in PlateSpin Protect while taking advantage of existing storage. Dashboard and

**By enabling us to regularly replicate data across different sites, these PlateSpin technologies have practically eliminated the risk of a catastrophic failure of our IT systems."**

**STEVE FROST**
*Infrastructure Manager*
HPS Pharmacies

www.netiq.com

management capabilities allow you to protect a greater share of workloads across the SAN. PlateSpin Protect supports both iSCSI and fiber channel SANs.

**Efficient workload protection over the WAN.** For enterprises with off-site disaster recovery needs, PlateSpin Protect provides efficient and reliable backup and restore operations over expensive and sometimes unreliable wide area networks.

**Bandwidth throttling and compression.** Bandwidth throttling lets you control the amount of network resources used during replication jobs. You can reduce network strain during peak hours and maximize network usage during off hours. Compression allows you to further minimize bandwidth consumption, by reducing the amount of raw data sent over the network in both backup and restore operations.

**EASY MANAGEMENT**

**Events, tasks and actionable alerts.** PlateSpin Protect creates, distributes and logs events to facilitate better management of the disaster recovery plan. You can be notified of events by email so you don't have to actively monitor systems to stay on top of the disaster recovery plan. When an event occurs that requires user interaction, such as executing a workload failover, a task is created that includes associated actions, so users know exactly what they must do to rectify the issue. Finally, event logging provides a comprehensive audit trail so you can validate, review and report on the recovery plan.

To learn more about NetIQ PlateSpin Protect, or to start a trial, go to: **www.netiq.com/protect**

**Worldwide Headquarters**
515 Post Oak Blvd., Suite 1200
Houston, Texas 77027 USA
+1 713 548 1700
888 323 6768
info@netiq.com
www.netiq.com
www.netiq.com/communities/

**For a complete list of our offices**
in North America, Europe, the Middle East, Africa, Asia-Pacific and Latin America, please visit: www.netiq.com/contacts