

## NETGEAR® ReadyRECOVER™ Solution Brief



### ReadyRECOVER Introduction

ReadyRECOVER is a complete backup and recovery appliance designed for small and midsize businesses. Next-generation file system technology guarantees data integrity, efficient use of storage capacity and minimal impact to computing resources. With ReadyRECOVER, full backups are created every 15 minutes and can independently be used to quickly and reliably restore files, folders or complete systems to any platform, physical or virtual.

Traditional backup solutions create incremental “image chains” and require regular resource-draining full backup jobs to maintain data integrity and timely restore points. With ReadyRECOVER, each backup is a space-efficient recovery point that never requires image chain management or consolidation. In addition, each backup captures the entire target system, the Windows operating system, all services, all applications, all settings and all data for fast full system recovery.

ReadyRECOVER is a seamless integration of the ReadyDATA® unified storage platform from NETGEAR and ShadowProtect backup and recovery software from StorageCraft.

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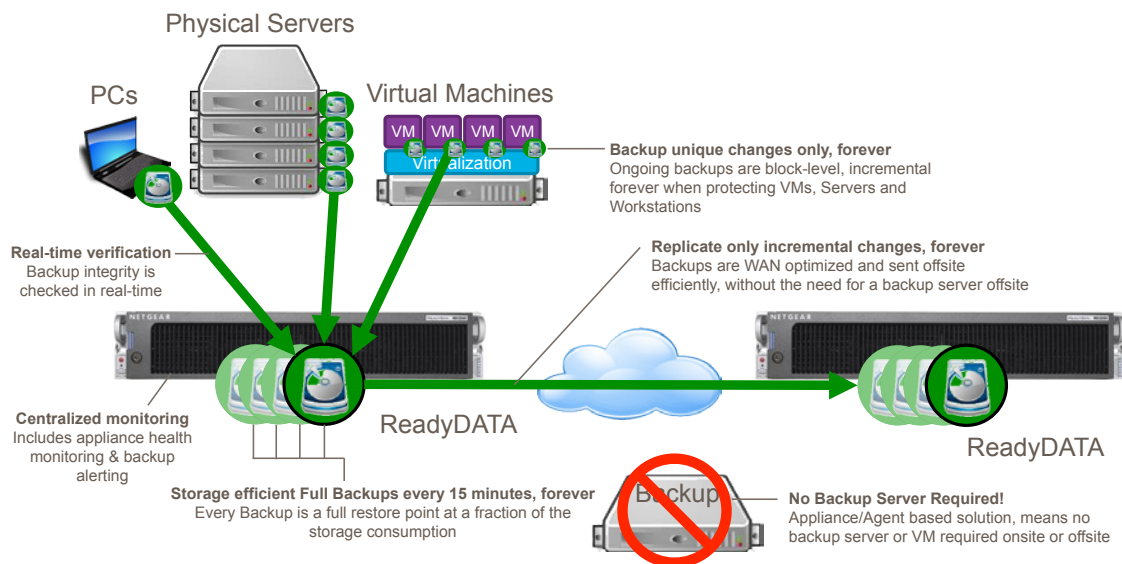
## Backup Challenges

Traditional backup solutions have limitations that restrict the ability to protect business data. More importantly, these limitations hinder the ability to recover data when needed or fail to do so in a timely manner to get business operations back online. Specifically, traditional backup solutions are often unable to:

- Send backups offsite where they are safe from disaster
- Protect data at frequent intervals to meet a business' Recover Point Objective (RPO)
- Restore user data and business applications in a timely manner to meet a business' Recovery Time Objective (RTO)
- Reduce overall storage costs by compressing and deduplicating data
- Guarantee backup integrity for reliable restoration
- Restore to any platform, Virtual or Physical in the event of a disaster (Hardware Independent Restore)

## ReadyRECOVER Backup and Storage Architecture

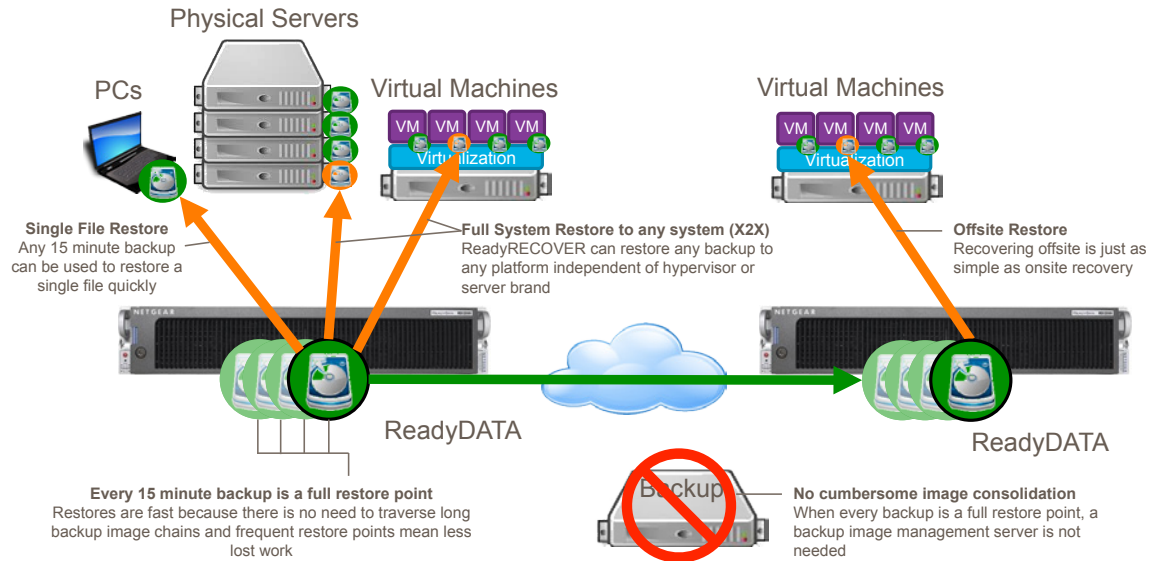
ReadyRECOVER combines StorageCraft ShadowProtect backup software and NETGEAR ReadyDATA storage to deliver a unique backup and disaster recovery solution.



To address common backup challenges, ReadyRECOVER offers:

1. Fast and frequent backups, using block-level incremental forever technology. After the first full backup, never again run a slow running full backup. Most backup software claims to include incremental forever technology, but do not truly deliver on "forever" and often require monthly or yearly full backups, with incremental backups in between.
2. Real-time verification on write, so that backups can run around the clock without the need for verification jobs or maintenance operations.
3. Centralized monitoring and alerting of backup tasks, agent health, storage consumption, and RAID/disk state.
4. WAN optimized replication means only unique backup data is ever replicated, delivering significant bandwidth savings.
5. Support for Windows-based Servers, Virtual Machines, Workstations and Laptops with support for all major Virtualization platforms including VMware, Hyper-V and XenServer. (Note: Guest OS must be Microsoft Windows, for more information visit <http://www.netgear.com/ReadyRECOVER>)

## The ReadyRECOVER Restoration Options



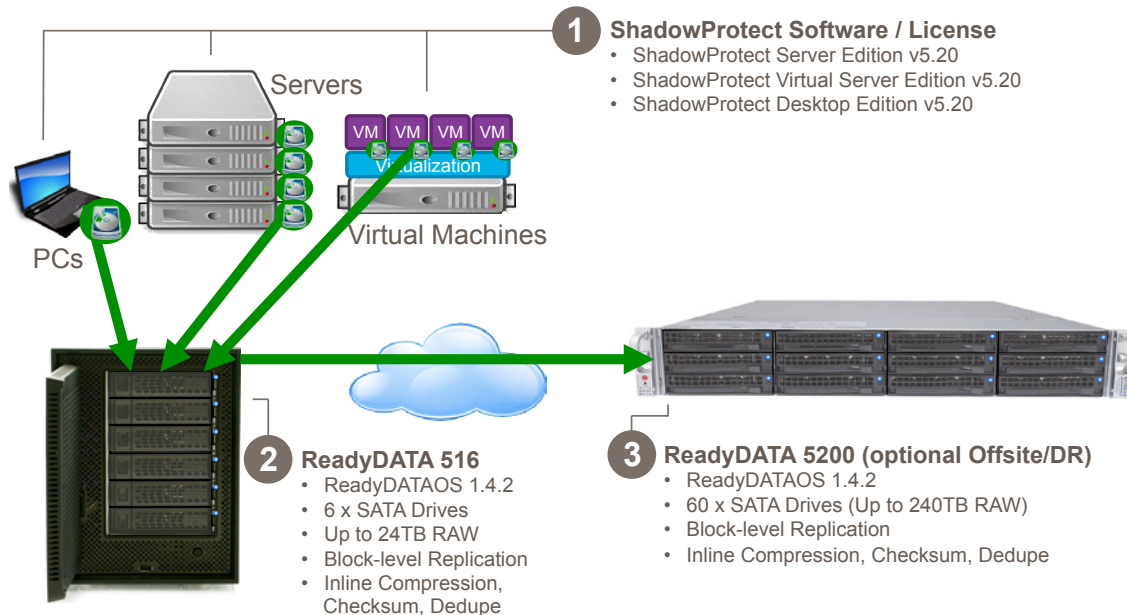
Restoration is the single most important part of any Backup and Disaster Recovery solution. For this reason, ReadyRECOVER focuses on real-world needs in a disaster situation, including:

1. **Single File Restore** – Any 15 minute backup can be mounted instantly and recovery of individual files. This capability means users don't have to wait to get important files or application data back in the event of corruption or human error.
2. **Hardware Independent Restore (HIR)** – Operating systems and applications can be restored onsite or offsite. More importantly, full systems can be restored to any hardware or virtualization platform (P2V, V2P, P2P, V2V) available at the time of disaster.

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## Solution Components

ReadyRECOVER is the combination of ReadyDATA storage and StorageCraft ShadowProtect:



1. StorageCraft ShadowProtect Licenses and Software for each Server, VM, or Workstation to be protected. Minimum ShadowProtect software version must be 5.20.
2. ReadyDATA 5200 or ReadyDATA 516 running firmware ReadyDATAOS 1.4.2 or later with appropriately sized hard drives.
3. [Optional, but highly recommended] A second ReadyDATA in an offsite location for disaster recovery.

## Conclusion

Protecting business data is a top concern for IT administrators. Administrators who seek to deliver granular recovery points as part of a disaster recovery strategy must overcome common backup challenges. To address these challenges, ReadyRECOVER offers:

1. Fast and frequent backups
2. Real-time verification on write
3. Centralized monitoring and alerting
4. WAN optimized replication
5. Support for Windows-based Servers, Virtual Machines, Workstations and Laptops with support for all major Virtualization platforms including VMware, Hyper-V and XenServer

With ReadyRECOVER, full backups are created every 15 minutes and can independently be used to quickly and reliably restore files, folders or complete systems to any platform, physical or virtual.

For additional assistance or product information, reach out to an authorized NETGEAR reseller (<http://www.netgear.com/business/buy/#tab-authorizedresellers>).