

Archiving, Backup, and Recovery

Unified Information Management for Complex Windows Environments

The Explosion of Unstructured Information

It is estimated that email, documents, presentations, and other types of unstructured information represent over 80 percent of enterprise content. This explosion of information has a significant impact on storage spending, the ability of IT to meet the needs of its business units, and can lead to the use of a myriad of disparate tools just to protect and keep applications running.

Unifying Information Management

Symantec archiving and backup information management solutions are engineered to support today's most demanding Microsoft® environments while typical solutions are only focused at the application level. Symantec's archiving and backup solutions address the total data infrastructure (applications, servers, networks) in order to unify content sources, apply retention policies, reduce backup windows, shorten recovery times, and optimize storage resources. Symantec makes it easier for companies of all sizes to store, manage, protect and discover Exchange®, SharePoint®, Windows® file servers, and other applications, with its market leading Symantec Enterprise Vault™, NetBackup™, Backup Exec™ and Backup Exec™ System Recovery products.

Backup vs. Archiving – It Pays to Know the Difference

Backup and archiving need to be viewed as two sides of the same coin. Backup enables recovery of recent data if a file were to be deleted or destroyed. Whereas archiving provides ongoing rapid protection and access to decades of business information. Too often, backups are used as a

substitute for archiving while actual archiving is overlooked as an effective way to cut storage costs, reduce backup time, improve the efficiency of applications, and to meet legal discovery requirements.

Protect and Archive

As Windows environments become more complex, protecting and keeping them running smoothly becomes more challenging. Continuous data protection for key Microsoft business applications helps ensure that data is continuously backed up as it changes while reducing both backup windows and storage resource demands. In the case of Exchange, continuous protection eliminates traditional “brick-level” mailbox backup while allowing IT to easily perform weekly, instead of daily, full backups of Exchange.

Award-winning Backup Exec and NetBackup, provide high-performance backup and recovery that minimizes cost, and complexity and ensures greater business continuity for Windows environments of all sizes.

Archiving is critical to maintain application size, performance and scalability. Keeping old, infrequently accessed, and redundant data on primary servers not only wastes precious space, but it also costs time and money to manage, maintain, and backup. Consider how much time and storage space is reclaimed for backups and migration projects with less active content residing on primary servers and storage. Enterprise Vault is the industry leading archiving solution that will reclaim primary storage space, enable compliance with governance and industry

Solution Overview: Data Protection Archiving, Backup, and Recovery

policies on retention, and maintain end user access to their archived files.

Store and Manage

By controlling the size of the storage footprint, the applications and servers hosting them remain focused on real-time applications with stable size requirements and enhanced performance. Archiving for storage optimization and compliance purposes will ultimately be needed to keep control over storage requirements and management overhead. Enterprise Vault automates the archival of items off of primary servers and storage, and will deduplicate, compress, and index files while storing them on lower tiered, cheaper storage. This can reduce the costs of storing unstructured information by over 60 percent.

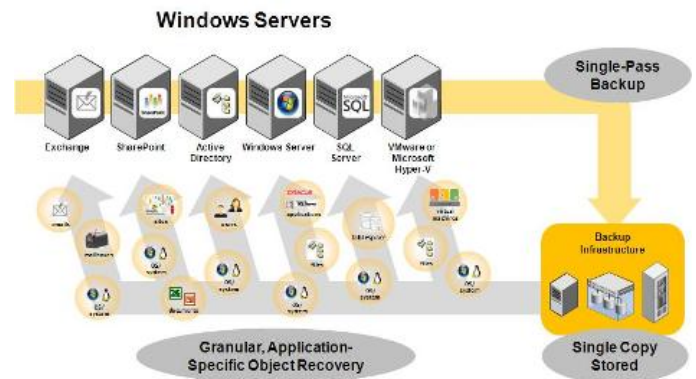
As not all data is created equal (for example, business, personal, junk, spam, etc.), Enterprise Vault enables IT to easily classify and store information to keep information only as long as required. By providing an intelligent and automated archiving solution, Enterprise Vault helps IT to centrally manage archive and retention policies across different content sources including Exchange, SharePoint, Windows File Servers, Instant Messaging platforms, databases, and voicemail. Based on policies, archived information can also be moved to media managed by NetBackup for a full tiered storage strategy.

Discover and Recover

IT organizations are expending significant man hours responding to search requests initiated by internal compliance and legal teams. Often this search and discovery process is redundant and requires off-site

backup tapes to be restored, individual mailboxes to be searched, and many more repetitive and timely steps. Enterprise Vault Discovery Accelerator searches the archive index enabling search results in minutes versus days or even months. Discovery Accelerator provides internal legal teams and outside counsel to search the archive and analyze results with fewer dependencies on IT. Recovery is critical - the time it takes to restore a physical server when it fails can have significant impact on a organization's bottom line. Symantec Backup Exec System Recovery enables IT to recover from system loss or disaster in minutes, not hours or days, even to dissimilar hardware and virtual environments.

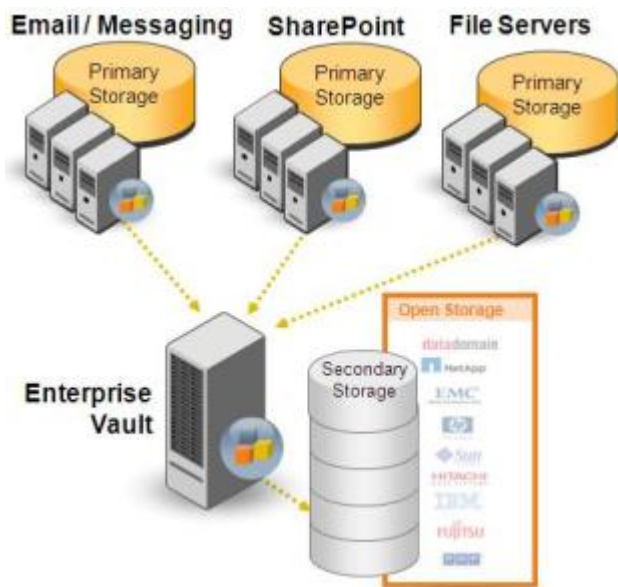
Patent-pending Granular Recovery Technology (GRT) reduces storage requirements by eliminating traditional duplicate, time consuming, and error-prone backups while enabling rapid one-click recovery of critical Microsoft application data from a single pass backup and without application restores. GRT saves time and money by enabling quick and easy restores of critical data such as individual Exchange messages, individual SharePoint objects, and individual Active Directory user accounts.



Single-pass backup with Granular Recovery Technology

Enterprise Vault - Intelligent Archiving and Discovery

Managing millions of mailboxes for over 12,000 customers worldwide, Enterprise Vault is the industry leader in email and content archiving. Enterprise Vault archives unstructured information from messaging, file servers, and collaboration systems using powerful storage optimization, classification, and retention technologies to enable companies to stop buying storage and discover data faster.



- Move older, less frequently accessed unstructured data from primary storage to cheaper disk or even tape, while enabling end users access to their archived files and email via shortcuts, whether they are on line or off.
- Deduplicate and compress while storing a single copy of a file or message in the archive, regardless of the number of times it is archived or where it was originally archived from.
- Streamline search, discovery, and legal hold placement of archived information with Discovery Accelerator and

cull search results in-house before exporting to outside counsel.

NetBackup and Backup Exec - Scalable Data Protection

Windows environments are constantly evolving, and reliably protecting them presents unique challenges. Symantec offers two market leading scalable backup and recovery solutions, NetBackup and Backup Exec, that help ensure your Windows business critical data is always protected and efficiently restored regardless the size or complexity of your organization.

Protecting Complex Microsoft Environments

- Market leading, scalable data protection for physical and virtual server environments.
- Patent-pending Granular Recovery Technology (GRT) quickly recovers critical Exchange, SharePoint, and Active Directory data in seconds.
- Comprehensive restore capability, from entire Vault Stores and Partitions down to an individual file or index.
- Continuous Data Protection for Exchange, SQL and file servers.
- Single platform to manage, protect, and recover data across storage tiers, locations, and operating systems.

Advanced Exchange Protection and Recovery

- Protect critical Exchange 2000-2010 Servers with the same Agent.
- Cut backup time and storage in half with fast, single-pass Exchange database backups.
- Quickly restore individual Exchange emails, folders, and mailboxes.

Backup Exec System Recovery – Disaster Recovery in Minutes

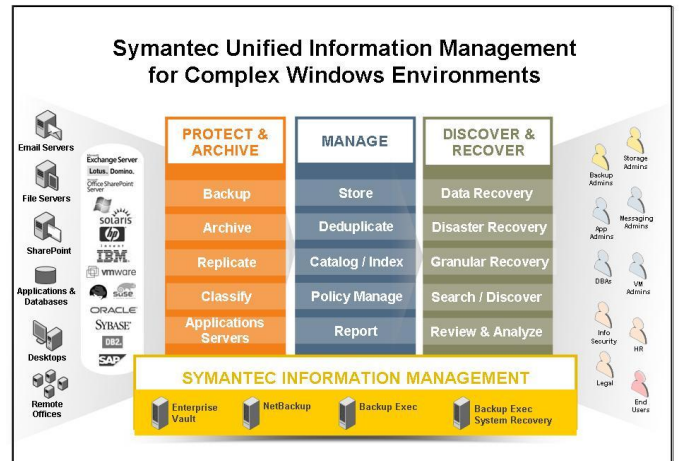
Whether it is a single server failure or an entire data center lost to flood or fire, the interruption of key Windows business operations can bring a company to a standstill. The time it takes to resume operation, whether hours or days can spell true disaster. Symantec Backup Exec System Recovery is a complete, disk-based “bare metal” system recovery solution for Microsoft Windows based servers, desktops, and laptops that allows businesses to recover from system loss or disasters in minutes, not hours or days, even to dissimilar hardware platforms, to virtual environments, or in remote unattended locations.

Automated Disaster Recovery

- Recover complete server, desktop, and laptop in minutes.
- Easily meet strict RTOs, even from a bare-metal state.
- Flexible off-site protection enhances disaster recovery capabilities.

Summary

Windows environments will continue to grow in size and complexity. As new technologies such as virtualization and cloud computing expand, organizations need to identify proactive strategies that enable them to better meet daily SLAs and long-term corporate objectives.



Only Symantec delivers a unified information management platform that eliminates silos and spans the broad spectrum of Windows platforms, applications, and data types. Symantec’s integrated technologies enable IT organizations to protect current data, archive and discover long-term information, manage data types and content sources more efficiently, and recover systems and information quickly and easily. By focusing on these critical requirements, Symantec helps organizations improve recoverability, reduce downtime, lower storage and maximize operational efficiency overall.

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Visit our website

<http://www.netbackup.com>

<http://www.backupexec.com>

<http://www.symantec.com/ev>

To speak with a Product Specialist in the U.S.

Call toll-free 1 (800) 745 6054

To speak with a Product Specialist outside the U.S.

For specific country offices and contact numbers, please visit our website.

About Symantec

Symantec is a global leader in providing security, storage and systems management solutions to help consumers and organizations secure and manage their information-driven world. Our software and services protect against more risks at more points, more completely and efficiently, enabling confidence wherever information is used or stored.

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