

**Storage and Availability Management Group**  
**Data Protection Group**  
**At-a-Glance**

**PROFILE**

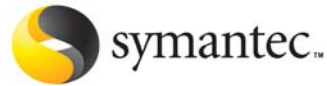
Symantec provides enterprise customers with storage management, high availability and data protection solutions across heterogeneous storage and server platforms in both physical and virtual environments. These solutions enable companies to standardize on a single layer of infrastructure software that works on every major distributed operating system and supports every major storage device, database and application.

***Storage and Availability Management*** – Symantec’s storage management and high availability family of products provide storage management, storage resource management, storage utilization management, storage area network, or SAN management, storage virtualization and replication, allowing enterprises to ensure the availability of critical applications and data. Products include Veritas CommandCentral Storage, Veritas Storage Foundation and Veritas Cluster Server.

***Data Protection*** – Symantec’s data protection family of products is designed to ensure successful backup and recovery of information and systems for organizations across all market segments, from small and medium-sized businesses to large enterprises, using the latest disk, tape, deduplication, indexing and virtual technologies. Products include Veritas NetBackup Platform, Symantec Backup Exec and Symantec Backup Exec System Recovery.

**LEADERSHIP**

- Rob Soderbery, senior vice president, Storage and Availability Management Group
- Deepak Mohan, senior vice president, Data Protection Group



## STORAGE AND AVAILABILITY MANAGEMENT PRODUCTS

### *Veritas Storage Foundation*

Veritas Storage Foundation from Symantec provides a complete solution for heterogeneous online storage management. Based on the industry-leading Veritas Volume Manager and Veritas File System, it provides a standard set of integrated tools to centrally manage explosive data growth, maximize storage hardware investments, provide data protection and adapt to changing business requirements.

#### **Key Benefits**

- Increase storage utilization across heterogeneous operating systems and storage arrays.
- Increase operational efficiency with comprehensive visibility and centralized management of applications, servers and storage across multiple hosts.
- Enhance storage I/O path availability and performance and efficiently spread I/O across multiple paths.
- Free data from technology changes - dynamically migrate data to different tiers of storage and perform seamless data migrations across different server architectures.

### *Veritas Cluster Server*

Veritas Cluster Server is the industry's leading cross-platform clustering solution for minimizing application downtime. Through central management tools, automated failover, features to test disaster recovery plans without disruption, and advanced failover management based on server capacity, Cluster Server allows IT managers to maximize resources by moving beyond reactive recovery to proactive management of application availability.

A key feature of Cluster Server is Disaster Recovery Fire Drill which allows users to test, anticipate and address issues within their disaster recovery plan prior to encountering an actual disaster. The Fire Drill feature utilizes replication/mirroring snapshots and initiates the startup and shutdown of applications to test the snapped copy. Users no longer need to worry about functionality of the disaster recovery capability of the cluster, as automated testing and reporting can be accomplished with the click of a button.

#### **Key Benefits**

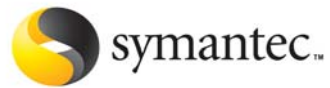
- Increases administrator efficiency through enhanced visualization, automation of common reporting tasks, centralized operational control for global applications, and centralized policy-based notifications.
- Reduces training and labor costs, as well as software licensing and support, by using the same clustering tool across all operating system platforms.
- Increases server utilization through larger clusters and capacity based failover logic.
- Builds confidence that the disaster recovery plan will actually work if a true disaster were to happen.

### *Veritas CommandCentral Storage*

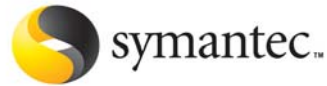
Veritas CommandCentral Storage is a storage resource management solution that provides centralized visibility and control across heterogeneous storage environments while reducing risks and costs.

#### **Key Benefits**

- Visibility of the entire data path from the application to the spindle in physical and virtual server and storage environments, helping to ensure optimal performance and availability of business critical applications.
- Identification of wasted space across enterprise storage and improved utilization allowing for better capacity planning and reducing expenditures.



- Applying quality of service policies to the entire data path and providing administrators complete visibility of the relationship between applications and their resources.
- CC Storage is the only hardware independent scalable solution for even the largest IT environments, supporting thousands of servers and multiple PBs of storage from a single CC Storage Management Server.
- CC Storage also provides enhancements in usability, troubleshooting capability, reporting and performance. This is the critical capability for end-to-end visibility of storage resources, maximizing storage utilization, improving storage operation, and enabling business level reporting of the storage infrastructure.



## DATA PROTECTION PRODUCTS

### *Symantec Backup Exec*

Symantec Backup Exec for Windows Servers is the gold standard in Windows data protection delivering certified disk-to-disk-to-tape backup and fast, efficient recovery. With patent-pending Granular Recovery Technology and continuous data protection for critical Microsoft applications, business data is always protected and easily restored.

#### **Key Benefits**

- Certified backup and recovery of Microsoft Windows Server 2008
- New Backup Exec Agent for Enterprise Vault ensures valuable data archives are backed up and easily recoverable
- Symantec Online Storage integration provides a secure, cost efficient, easy to manage off-site storage location
- Symantec Endpoint Protection integration triggers proactive backups of critical databases to further protect data from crippling virus outbreaks

### *Symantec Backup Exec System Recovery*

Symantec Backup Exec System Recovery is the gold standard in complete Windows system recovery with the ability to restore systems in minutes, even to dissimilar hardware or virtual environments. Backup Exec System Recovery includes flexible offsite protection and enhanced data recovery capabilities, integration with Symantec security and systems management solutions, and support for Windows Server 2008.

#### **Key Benefits**

- Easily meet strict recovery time objectives (RTOs) by recovering complete systems in minutes, even from a bare-metal state
- Eliminate backup windows by capturing the entire live Windows system, without disrupting user productivity or application usage
- Innovative multi-product integration with market-leading technologies including Symantec ThreatCon and Altiris Notification Server
- Centrally manage backup and recovery tasks for multiple servers across your entire organization (via Backup Exec System Recovery Manager)

### *Veritas NetBackup*

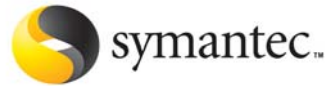
Veritas NetBackup delivers high performance data protection that scales to protect the largest UNIX, Windows, Linux and NetWare environments. With complete protection from remote office to data center to vault, NetBackup offers a single console for all backup and recovery operations.

#### **Key Benefits**

- Minimize cost and complexity by implementing a unified data protection solution that provides desktop, remote office and data center protection across the entire enterprise
- Meet backup windows with faster disk-based backups, improve storage utilization and enable more flexible disaster recovery plans in multi-vendor storage environments
- Manage more data with fewer people and advanced protection for VMware environments, email applications such as Microsoft Exchange Server 2007, and large databases

### *Veritas NetBackup PureDisk*

Veritas NetBackup PureDisk uses data deduplication and integration with NetBackup to enable efficient, storage-optimized data protection for data center, remote office and virtual environments. The deduplication engine can be deployed within NetBackup or independently using a PureDisk



client. The modular architecture and integrated replication features simplify scalability and disaster recovery.

**Key Benefits**

- Manage the lifecycle of backup and recovery from disk to tape with NetBackup integration features
- Improve disk-based storage utilization in the data center and reduce costs associated with tape management
- Protect remote server and application data without a local backup application or tape media.
- Enable electronic vaulting for secure low cost duplication of backup data to DR facility

***Veritas NetBackup RealTime Protection***

Veritas NetBackup RealTime Protection provides increased protection for mission-critical applications by combining revolutionary continuous data protection technology with the industry leading backup and recovery capabilities of NetBackup. RealTime Protection allows organizations to achieve higher levels of data protection with the familiarity and manageability of the industry's leading data protection platform.

**Key Benefits**

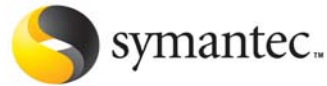
- Eliminate data loss and backup windows by adding true continuous data protection to NetBackup's advanced recovery capabilities by capturing all changes to application data in real time
- Integrate with NetBackup to improve users' experience through application-consistent recoveries and immediate access to disk-based images
- Provide a cost-effective alternative to array-based snapshots, delivering space-efficient, storage-independent recovery images
- NetBackup Storage Lifecycle Policies automate the movement of RealTime data to longer term storage media, reducing administrative overhead

***Veritas Backup Reporter***

Veritas Backup Reporter helps IT staff enhance the efficiencies of backup and recovery operations, verify backup service-level compliance, and bring costs associated with backup and recovery in line with the needs of the business. For heterogeneous environments, Backup Reporter provides a global, centralized reporting view of Veritas NetBackup, NetBackup PureDisk, and Backup Exec, as well as other backup applications.

**Key Benefits**

- Achieve backup service level compliance and align backup recovery operations with business goals
- Lower CAPEX costs by accurately forecasting growth of backup and recovery infrastructure
- Increase operational efficiency by proactively identifying risks and quantifying exposures before they impact critical backup operations
- Tailor report content to the intended audience



## NOTABLE RECOGNITION

### *Analyst Recognition*

- Symantec received a “positive” rating in the Gartner MarketScope for Enterprise Backup/Recovery Software, 2008 (Source: Gartner, MarketScope for Enterprise Backup/Recovery Software, 2008, April 2008)
- According to Gartner, Veritas NetBackup and Symantec Backup Exec made up 47 percent of the overall backup/recovery market in 2006, based on revenue (Source: Gartner, Dataquest Insight, Enterprise Distributed System Backup/Recovery Market, Worldwide, 2006, November 2007)
- According to IDC, Symantec is the market share leader in File System Software with 46.1 percent (Source: IDC Worldwide Storage Software Tracker, March 2008)

### *Veritas Storage Foundation*

- Awarded “Editor’s Choice” by Service Provider Weekly
- Selected as Enterprise Open Source Journal’s Readers Choice for Best Linux Storage Software Solution

### *Veritas CommandCentral Storage*

- Named a finalist for Storage Magazine’s 2007 Product of the Year in the Storage Management Software category
- Named Best Storage Software Solution by 2008 SIIA Codie Awards

### *Symantec Backup Exec and Backup Exec System Recovery*

- Backup Exec was voted MExchange.org Readers’ Choice Award Winner – for Exchange Backup & Recovery (Source: MExchange.org, 5/08)
- Named a finalist for Storage Magazine’s 2007 Product of the Year in the Backup and Disaster Recovery Software category
- Received Small Business Computing’s Excellence in Technology Awards for both PC Backup and Network Backup. (Source: Small Business Computing, 1/08)
- Backup Exec received a “Computerworld Excellent” award from Computerworld (Germany) (Source: Computerworld, 12/07)
- Backup Exec 11d awarded “Golden Software – Storage” by China Software World (Source: China Software World, 12/07)
- The SMBWorld IT Awards 2007 awarded Symantec Backup Exec System Recovery the “Best SMB Storage Solution” (Source: SMBWorld, 12/07)

### *Veritas NetBackup*

- Awarded “Best of VMworld” Gold Award for Data Protection and security solution at the VMworld 2007 conference
- Named a finalist for Storage Magazine’s 2007 Product of the Year (Backup and Disaster Recovery Software category)
- Selected as “Editor’s Choice – Storage Software” by China Information World.
- Selected as Computerworld Singapore 2007 Readers' Choice Award winner in the Backup Software category
- Veritas NetBackup was selected Computerworld Malaysia 2007 Readers' Choice Awards winner in the Storage – Backup Software category. (Source: Computerworld Malaysia Readers' Choice Awards 2007, 11/07)
- Selected as first runner up for the Windowsnetworking.com Reader’s choice award.
- Awarded the 2007 First-Half IT Hit Product by Digital Times in Korea
- Selected as Redmond Magazines 2007 Reader’s Choice Award runner up in Best Backup solution category