DELL™ POWERVAULT™ DL2000
POWERED BY SYMANTEC® BACKUP EXEC™

The industry's first and only integrated solution for faster disk-based backups and recoveries gets you up and running 5 times faster than configuring it on your own.

UP AND RUNNING 5X FASTER

Configuring homegrown backup-to-disk solutions can be difficult, time consuming, prone to errors, and expensive. Dell has simplified the backup process by offering the industry's first and only integrated hardware, software, and services solution powered by Symantec Backup Exec™ software. This integrated solution is a cost-effective way to reduce total cost of ownership.

PowerVault™ DL2000 – Powered by Symantec comes factory installed with Backup Exec™ software, plus a unique wizard-driven setup and management utility. Integrated automated dynamic disk provisioning configures and sets up the disks for immediate use.

Set it up, configure storage, add more disks — it only takes a few clicks. PowerVault DL2000 solutions are fully tested and validated, sure to work together, and you can deploy them fast.

In fact, we've timed it: You can deploy PowerVault DL2000 – Powered by Symantec Backup Exec and start executing your first backup in just 18 minutes. That's 5 times faster than setting up and configuring the hardware and software pieces on your own.

Industry leaders Dell and Symantec co-developed this offering to get you up and running fast with a tested solution that offers easier management. It's an ideal way for any IT department to achieve fast, reliable backups and restores. It's disk-based backup simplified by Dell.

55% FASTER, MORE RELIABLE DISK-BASED BACKUP AND 49% FASTER RESTORES THAN TAPE

Managing tapes can be complex and time consuming. Backups to tape often exceed their backup window, and tape-based backups can fail. Disk-based backup with the PowerVault DL2000 – Powered by Symantec Backup Exec is up to 55% faster than tape backups and restores are up to 49% faster.

BETTER THAN VTL

Virtual Tape Libraries (VTLs) are "point products" that can help fix backup and recovery bottlenecks in the short run. But they're also separate "boxes" that create silos of information and add management complexity. Virtual tapes have to be created, provisioned, and managed, and VTL products lack alerting and reporting within the backup solution. The PowerVault DL2000 is a native, disk-to-disk solution that is designed to eliminate the need for manual setup and management. It automatically and dynamically provisions disk, invisibly to the user, and gives you proactive monitoring, alerts, and reporting.

INTEGRATED TAPE SUPPORT

The PowerVault DL2000 is available with the Dell PowerVault TL2000, TL4000, or ML6000 tape library integrated into the full solution. Take advantage of backup-to-disk for quick availability then transfer to tape from the same management console for offsite disaster recovery.

The PowerVault DL2000 – Powered by Symantec Backup Exec is the first of Dell's TierDisk family of products, designed to provide cost-optimized solutions for secondary storage environments for data protection and data management.

REMOTE BACKUP, MANAGEMENT, MONITORING, AND MAINTENANCE

Your data center administrators can use the PowerVault DL2000 to backup data from remote offices to the data center. Administrators can set up backup tasks and policies and do system monitoring and maintenance from a central location. This makes the PowerVault DL2000 the ideal backup solution for remote offices that don't have IT experts on-site. You can also use the PowerVault DL2000's remote backup and management features to create a disaster recovery solution, when you transfer data from your data center to another PowerVault DL2000 at a secondary location.

GRANULAR RECOVERY TECHNOLOGY FOR SPEEDY RESTORES

With Symantec Backup Exec's patent-pending Granular Recovery Technology (GRT) for critical Microsoft® applications, including file, Exchange, SharePoint (MOSS), and Active Directory, your administrator can recover granular objects from a single-pass backup by simply browsing and selecting it. GRT lets you recover specific items such as public folders and individual mailboxes — even individual e-mails, attachments, and calendar items — all without a time-consuming full restore.

CONTINUOUS DATA PROTECTION FOR EXCHANGE

The PowerVault DL2000 – Powered by Symantec Backup Exec is designed to continuously protect Microsoft Exchange and file data by backing up changes to the disk in real time as they occur. Not only does this improve the overall level of data protection, it also reduces administrative complexity because it eliminates the need for full, incremental, or differential backups for Exchange data.

PROTECTION FOR VMWARE VIRTUAL MACHINES WITH LOW COST AND COMPLEXITY

Managing backups on virtual machines can be difficult and expensive due to licensing requirements. The PowerVault DL2000 – Powered by Symantec Backup Exec incorporates award-winning technology for virtual machine protection. The Agent for VMware Virtual Infrastructure includes protection for an unlimited number of guests on an individual ESX host. In addition, Backup Exec utilizes several VMware technologies, including VMware Consolidated Backup (VCB), that make backing up and restoring virtual machines fast and easy.

PROTECTION FOR DESKTOPS AND LAPTOPS

Backup Exec's Desktop and Laptop Option (DLO) lets users automatically protect multiple desktops and laptops via a network share. DLO lets users choose continuous, scheduled, or manual backups and provides an intuitive interface that lets users access their most up-to-date data whether they're in the office or on the road.

LIFECYCLE STORAGE SOLUTION SUPPORT

Choosing the right backup solution is an important step in keeping your critical information safe. Storage Consulting and Deployment from Dell can help you implement, manage, and optimize storage infrastructure as well as backup and recovery in a cost-effective manner, helping to reduce the risk associated with ineffective data management and reduce complexity while improving information availability. Having the right support is also important. Dell ProSupport for IT provides businesses of all sizes with flexible, reliable, and easier support solutions.

The Dell ProSupport for IT service model was designed for IT professionals like you. It provides:

- 7x24 direct access to Dell Expert Centers

- Fast-track dispatch for Dell-certified technicians

- Escalation management through Dell's Global Command Centers

The globally consistent, customer-driven Dell ProSupport for IT portfolio includes proactive support options that align to how you use technology. These enhanced offerings can help you protect your investment, reduce risk, manage complexity, enhance productivity, and guard your sensitive data.

DELL DL2000 – POWERED BY SYMANTEC BACKUP EXEC SPECIFICATIONS

The software for PowerVault DL2000 – Powered by Backup Exec™ is available in four options:

- **Starter Edition:** Includes the factory-installed Backup Exec Media Server, licenses for backing up 2 Windows® File Server Agents, 5 Desktop/Laptop Agents, and support for 1 Tape Drive.

- **File Server Edition:** Includes the factory-installed Backup Exec Media Server, licenses for backing up 5 Windows File Server Agents, 55 Desktop/Laptop Agents, and Support for 1 Tape Drive.

- **Application Edition:** Includes the factory-installed Backup Exec Media Server, licenses for backing up 3 Windows File Server Agents, 1 Exchange Agent, 1 more Agent for any of SQL, Exchange, Active Directory or SharePoint, and Support for 2 Tape Drives.

- **Comprehensive Management Edition:** Includes the factory-installed Backup Exec Media Server, Support for Remote Management, 3 Windows File Server Agents, One (1) Exchange Agent, One (1) more Agent for any of SQL, Exchange, Active Directory, SharePoint or Oracle, and Support for 2 Tape Drives.

- **Windows Remote Server Add-on Pack:** Includes licenses for backing up 2 Windows Agents.
- **Linux/Unix Add-on Pack:** Includes licenses for backing up 2 Linux or UNIX or Netware Agents.
- **Application Protection Add-on Pack:** Includes licenses for backing up 2 SQL or Exchange or Active Directory or SharePoint Agents.
- **Virtual Agent Add-on Pack:** Includes licenses for backing up 2 VMware or Microsoft Virtual Server Agents.

HARDWARE: DL2000	
Value Series	1 processor (Quad-Core Intel® Xeon® E5410, 2x6MB Cache, 2.33GHz, 1333MHz FSB) and 8GB RAM
Performance Optimized	2 processor (Quad-Core Intel® Xeon® E5410, 2x6MB Cache, 2.33GHz, 1333MHz FSB), 16GB RAM and DRAC (Dell Remote Access Card)
Internal Storage	2 x 250GB, 7200 RPM, SATA II Drives in Hardware RAID 1 Configuration
External Storage Connectivity	Available through 1 or 2 PERC 6/E
Tape Connectivity	SAS 5/E HBA; U320 SCSI HBA; Fiber Channel HBAs: Emulex or QLogic HBAs
Networking	Dual-embedded Broadcom® NetXtreme IITM 5708 Gigabit6 Ethernet NIC with fail-over and load balancing
Operating System	Windows® Server 2008, Standard, x64
Systems Management	OpenManage™, ITA and Dell Management Console
Remote Management	DRAC
Physical Dimensions	2U rack-mountable chassis 29.31" (74.4cm) D x 17.5" (44.43cm) W x 3.4" (8.64cm) H with bezel attached Rack Weight 50.71 lbs. (23 kg), maximum configuration
Ports	Rear: 2 x USB 2.0, 1 x serial connector, 1 x video connector, 1x RJ45 for DRAC 5/i connector
POWERVAULT MD1000 EXTERNAL STORAGE FEATURES INCLUDED WITH THE POWERVAULT DL2000	
Hard Drives	Either eight (8) or fifteen (15) 1-inch x 3.5-inch SATA II hot-pluggable 3.0 Gbps hard drives
Drives Available	7200 RPM SATA II: 500GB, 750GB or 1TB; 5400 RPM Energy Efficient SATA II: 1TB
Maximum Scalability	Up to 6 MD1000 shelves connected to one dual-ported PERC card; Up to a total of 12 MD1000s shelves using two PERC cards in a DL2000
Physical	Height: 13.11 cm (5.16") H x 44.63 cm (17.57") W x 48.01 cm (18.9") D Weight: 35.37 kg (78 lbs.) (maximum configuration)
Power Supplies	Wattage: 488W maximum continuous; 550W peak Heat dissipation: 200W Voltage: 100-240V rated (actual 90-264V) Frequency: 47-63Hz Amperage: 7.2A at 100V, 3.6A at 200V

SIMPLIFY YOUR NETWORK AT DELL.COM/DL2000