DELL™ POWERVAULT™ DP FAMILY

The Dell PowerVault DP 100, 500, and 600 are disk-based appliances designed to help small and mid-sized businesses easily protect their Microsoft applications and files. They combine the advantages of tape backup and continuous, disk-based data protection into a unified platform.

HANDS-FREE DATA PROTECTION

The integrity of your data is critical to the success of your business, but your current backup solution may not be enough. If you're worried about losing data, or costly downtime while data is restored from tape drives, the PowerVault DP family can help.

After a fast, wizard-based setup, the PowerVault DP automatically captures data changes as they occur—in real time, every 15 minutes. Backups happen continuously throughout the day so you never have to slow down to recover lost information.

The DP family can be up and running in minutes, providing simplified data protection for key Microsoft business applications including SQL Server, Microsoft Exchange, Microsoft SharePoint, or even file shares on Windows Server 2003 or 2008.

THE BEST OF BOTH WORLDS

Tape backup is a great storage solution, but it can also be expensive, confusing, and take days to backup your ever-growing data sets. The PowerVault DP can reduce backup time to zero, and supply images to tape at any time without interrupting production servers.

This means your tape drives can be used as they were intended: for deep archive and off-site storage. By combining speedy, disk-based recovery and tape-based archival storage, you'll get the ideal data protection solution—and save thousands of dollars on tape media each year.*

SIMPLIFYING STORAGE

The PowerVault DP puts the ability to restore data in the hands of every end-user. Using familiar tools such as Microsoft Office or Explorer, anyone can recover a deleted file or Exchange mailbox in a matter of seconds. Your IT experts will no longer have to go on a tape-by-tape hunt for lost data, freeing them up to focus on big-picture initiatives.

You'll also benefit from the commonality between PowerVault and PowerEdge™ products. The DP appliances are built on the same chassis as a PowerEdge server, so they can easily be managed and repaired by anyone familiar with Dell products.

*Calculation based on 1TB of data using GFS tape rotation with VS160 tape media.

POWER, CONTROL, EFFICIENCY

The PowerVault™ DP family provides a wide range of powerful features which will help streamline your operations and simplify IT.

Zero Data Loss Restores

Near-lossless recovery of Exchange, SQL, and SharePoint servers without the need for constant replication or synchronization. Seamless integration of a point-in-time database restore with your existing application logs.

Centralized Backups

After integrating the PowerVault DP appliance, agents can be deployed on remote file servers to send data back to a central data center. Data can then be securely backed up by one IT administrator.

Advanced Data De-duplication Technology

Utilizes Microsoft's patented filter technology to reduce the volume of full backups by as much as 90%. VSS point-in-time snapshots save even more disk space, while Express full backup images increase the number of available restore points.

Advanced Functionality, Low Cost

The PowerVault DP family contains tools that are familiar to most IT administrators, such as the Microsoft Management Console (MMC) and Windows Explorer, reducing the time and costs involved with training. The DP appliance also includes comprehensive report functionality, and can upload its reports and alerts to the Microsoft Operations Manager console.

And that's just the beginning. The DP family will help you stop worrying about your data, and start getting down to business.

FEATURE	DP100	DP500	DP600
Bundled Software	Microsoft® System Center Data Protection Manager 2007	Microsoft® System Center Data Protection Manager 2007	Microsoft® System Center Data Protection Manager 2007
Memory	2GB or 4GB	4GB or 8GB	4GB or 8GB
HDD	SATA only: 250GB 500GB 750GB 1TB	SATA only: 250GB 500GB 750GB 1TB	SATA only: 250GB 500GB 750GB 1TB
Max HDDs Supported in Server	4	6	8
Hot Spare Drives on Server	Not Supported	One (optional) out of 6 HDDs	One (optional) out of 8 HDDs
Expansion with MD1000	Not Supported	Supported (up to 40TB of total usable space)	Supported (up to 40TB of total usable space)
Operating System	Windows Storage Server (Workgroup Edition)	Windows Storage Server (Standard Edition)	Windows Storage Server (Standard Edition)
Capacity Targeting[1]	3TB usable storage for: 2000 mailboxes or 700GB SQL database or 1000GB files	5TB of usable space (expandable using optional MD1000) for: 3500 mailboxes or 800GB SQL database or 2000GB files	7TB of usable space (expandable using optional MD1000) for: 4500 mailboxes or 1000GB SQL or 2500GB files

[1] Sizing is for estimation purposes only. To get sizing information for your specific environment, please contact your Dell account manager or use the sizing tool at www.dell.com/dp.

SIMPLIFY BACKUPS AT DELL.COM/PowerVault