# FILESTORAGE PORTEOLO

STORAGE, SIMPLIFIED



## SIMPLIFYING IT

The Dell™ portfolio simplifies IT by providing you with storage solutions that are inherently easier to use. Factory installation and pre-configuration reduce deployment time, and modular expansion makes growth easy to manage. The result is simplified storage that lets you devote fewer resources to keeping your technology running and more to supporting your organization's success.

# THE DELL DIFFERENCE

### SIMPLIFICATION IS IN OUR DNA

We are dedicated to helping you reclaim your time and resources through IT simplification.

### **FULLY INTEGRATED**

We partner with industry leaders to help ensure that our solutions work with what you're already using.

### **PAY AS YOU GROW**

Our solutions are completely modular, so you only buy what you need, and then add features and functionality as necessary.

### THE DELL NAS PORTFOLIO

Dell offers a comprehensive portfolio of Network Attached Storage products that allows you to right-size the solution to meet your specific business requirements — while fitting within tight budgets. Whether you need high-performance, highly available storage or a simple stand-alone tower with basic file-sharing capabilities, Dell has the perfect solution.

### STREAMLINED DEPLOYMENT

The Dell NAS products come preloaded with the file management software and include intuitive wizards to help reduce deployment time. In fact, most Dell NAS products are up and running in as little as 15 minutes. Additionally, the simple management interface streamlines ongoing administration making it easier to manage file shares, quotas, and users.

### **CONSOLIDATING STORAGE**

Network Attached Storage lets you consolidate your files on a single storage solution, reducing the number of systems to manage while increasing availability. If you're looking for an even higher level of optimization, you can consolidate both file server and application storage into a single unified storage device that supports both NFS/CIFS, iSCSI, and Fibre Channel protocols.

### **EFFORTLESS EXPANDABILITY**

As the capacity needs of data centers grow exponentially, many businesses are looking for alternative methods of managing storage. The Dell NAS portfolio has modular expansion options which make adding capacity easy. And there are no hidden costs or expensive licensing fees — just purchase the drives and expansion modules and you're ready to go.

### **ADVANCED FEATURES COME STANDARD**

Many advanced software capabilities are pre-installed in Dell NAS products. These include just-in-time snapshots for enhanced data

availability and remote file replication for load balancing and data protection. You'll also get powerful resource management features that help optimize storage capacity, screen inappropriate files, and set quotas on space usage. The advanced NAS solutions include virtual provisioning and file level deduplication.

### **HIGH STANDARDS**

Dell's strict adherence to open standards increases the Dell NAS portfolio's extensibility by letting you directly install many third-party utilities, including anti-virus and backup software. This allows you to customize your data center with cost-effective solutions, or leverage existing Dell/EMC SAN investments.

### **SERVICE AS SMART AS THE SOLUTION**

Strategically designed to meet the demands of evolving storage systems, Dell Services offers practical approaches to solving real-world challenges. A streamlined approach to installation services combined with support that proactively manages storage systems maximizes performance. Plus, you can add value to your investment and increase productivity with an on-line training option. Dell's customer-led approach brings you precisely what you need — flexible, dependable products and service.

### **DELL NAS: SIMPLIFYING IT**

No matter what your storage needs, Dell has a solution that will reduce cost and complexity in your data center. The result will be simplified deployment, optimization, and management, freeing up your resources so you can devote less time to IT maintenance and more to making innovation a daily business practice.



Hardware Redundancy						
Hot-Swappable Drives	No	Yes	Yes	Yes	Yes	Yes
Power Supplies/Fans	0N	Yes	Yes	Yes	Yes	Yes
RAID Controllers	ON	No	No	Yes (active/active)	Yes (active/active)	Yes (active/active)
Clustered NAS Heads	0N	Optional**	Optional**	Optional (active/active)	Optional (active/active)	N/A
Integrated High Availability	No	No	No	No	No	Yes
Systems Management	OpenManage & ITA	OpenManage & ITA	OpenManage & ITA	OpenManage & ITA	OpenManage & ITA	Celerra Manager
Remote Management	DRAC	DRAC	DRAC	DRAC	DRAC	Celerra Manager
Bundled Features	• DFS-R (with Workgroup Edition)	<ul> <li>Single Instance Store (SIS)         (With Standard and Enterprise         Editions)</li> <li>DFS-R</li> <li>Snapshots</li> </ul>	Single Instance Store (SIS) DFS-R Snapshots	Single Instance Store (SIS) DFS-R Snapshots Volume Disk Copy (optional)	<ul> <li>Single Instance Store (SIS)</li> <li>DFS-R</li> <li>Snapshots</li> <li>Volume Disk Copy (optional)</li> </ul>	Celerra Manager-Basic     File level snapshots: Celerra SnapSure     Virtual Provisioning     Celerra Data Deduplication     NDMP support
Optional Software				Virtual Disk Copy	Virtual Disk Copy	Optional File Storage Optional Application Software:  • Celerra Anti-virus • Navisphere* Express
						Celerra Replicator     Navisphere Manager

# SIMPLIFY STORAGE AT DELL.COM/NAS



 Celerra File Level Retention Celerra Manager Advanced Edition

> • SnapView™ • SAN Copy™ MirrorView™

 <sup>&</sup>quot;ISCS! Target is an optional purchase. Recommended for test/dev environments only.
 "A PERC 5/E or 6/ERAID card can be added to these systems to enable expandability using PowerVault MD1000 or MD3000 expansion modules.