



“ For over a decade Coolspirit have been supplying the UK’s top organisations with storage products and solutions so be assured we will meet your requirements head on.

It’s all about getting things right first time, quickly and simply! ”

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mon - thurs 8:30am - 5:30pm
fri 8:30am - 5pm
sat - sun Closed

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SIMPLIFYING IT

The Dell EqualLogic™ PS Series is fundamentally changing the way IT organizations think about purchasing and managing storage. Built on a breakthrough storage virtualization architecture, the EqualLogic PS Series combines an intelligent, automated framework with a fault-tolerant hardware architecture to offer rapid deployment, enterprise quality performance and reliability, simplified storage management, and transparent SAN expansion.

THE PS SERIES...

Supports a broad range of operating systems:

- Microsoft® Windows®, including Hyper-V™
- VMware® ESX / ESXi
- Citrix® XenServer™
- Red Hat® Enterprise Linux®
- SUSE™ Linux Enterprise
- Linux
- Sun Solaris™
- UNIX®
- HP-UX
- IBM AIX®
- Novell® NetWare®
- Mac OS® X

PROVIDES PRIMARY AND SECONDARY STORAGE TO A WIDE VARIETY OF APPLICATIONS:

- Microsoft Exchange
- SQL Server
- Web Servers
- Virtual Servers
- SharePoint
- File Servers & Bulk File Storage
- ERP Systems
- Oracle® Database
- Oracle Collaboration Suite
- CRM
- Sybase®
- Lotus Notes®
- Online Learning Portals
- Voice over IP/Unified Communications
- Video Surveillance Systems
- Student Information Systems
- PACS Healthcare Systems
- Telecom Auditing & Billing Systems
- Accounting Systems
- Digital Media Archives
- Disk-based Backup & Restore
- De-duplication Target
- Archiving & Near-line Storage

WORKS IN PRODUCTION ENVIRONMENTS ACROSS A BROAD RANGE OF INDUSTRIES:

- Finance
- Government
- Military
- Education
- Healthcare
- Media
- Retail
- Manufacturing
- IT/Web Services
- Energy
- Engineering
- Construction
- Legal Services
- Biotechnology
- ASP/ISP/MSP
- Telecom

SIMPLIFY STORAGE AT
DELL.COM/EqualLogic



EQUALLOGIC

INTELLIGENT iSCSI STORAGE ARRAYS



THE DELL DIFFERENCE

EASE OF USE

- Intelligent, ease of management minimizes tedious administrative tasks
- From box to operating SAN in minutes
- Monitor petabytes of storage across dozens of SANs from a single console

ENTERPRISE PERFORMANCE

- Exceptional performance for both sequential and transactional applications with linear scalability as arrays are added
- Automated, real-time load balancing across drives, RAID sets, connections, cache and controllers for optimized performance and resource utilization
- Pooling capability enables appropriate service levels for individual applications

RELIABILITY

- Fault-tolerant, fully-redundant dual controller design for no single point of failure
- Designed for 99.999% availability
- Enterprise-class RAID protection (RAID 5/6/10/50)
- Hot-swappable components, flexible online redeployment of arrays

SCALABILITY

- Modular design allows growth when needed
- Online expansion between hardware generations without affecting data availability
- Linear scalability—scale capacity and performance together

AFFORDABILITY

- All-inclusive enterprise features and functionality with no additional software licenses to purchase
- Easy connection via iSCSI
- Automated features help to eliminate highly specialized administrative costs

PS SERIES iSCSI STORAGE ARRAYS

PS6000E

Enterprise performance offering great cost-per-Gigabyte

- Entry-level configurations for affordable capacity
- High capacity configurations for data intensive applications

Array Capacity	Storage Controllers	Disk Drives	Disk Drive Capacities
2 TB	Single Controller	8 SATA drives	250 GB / 7,200 RPM SATA drives
4 TB	Single Controller	16 SATA drives	250 GB / 7,200 RPM SATA drives
4 TB	Dual Controller	16 SATA drives	250 GB / 7,200 RPM SATA drives
8 TB	Dual Controller	16 SATA drives	500 GB / 7,200 RPM SATA drives
16 TB	Dual Controller	16 SATA drives	1 TB / 7,200 RPM SATA drives

PS6500E

High-density system for huge capacity and scalability at best cost-per-Gigabyte in PS Series

Array Capacity	Storage Controllers	Disk Drives	Disk Drive Capacities
24 TB	Dual Controller	48 SATA drives	500 GB / 7,200 RPM SATA drives
48 TB	Dual Controller	48 SATA drives	1 TB / 7,200 RPM SATA drives

PS6000X

Balance of great performance and capacity for the enterprise data center

Array Capacity	Storage Controllers	Disk Drives	Disk Drive Capacities
6.4 TB	Dual Controller	16 SAS drives	400 GB / 10,000 RPM SAS drives

PS6000XV

High performance for demanding enterprise applications

Array Capacity	Storage Controllers	Disk Drives	Disk Drive Capacities
4.8 TB	Dual Controller	16 SAS drives	300 GB / 15,000 RPM SAS drives
7.2 TB	Dual Controller	16 SAS drives	450 GB / 15,000 RPM SAS drives

PS6000S

SSD system for exceptional low-latency, high-IOPS performance at affordable value

Array Capacity	Storage Controllers	Disk Drives	Disk Drive Capacities
400 GB	Dual Controller	8 SSD drives	50 GB
800 GB	Dual Controller	16 SSD drives	50 GB

PS STORAGE STACK

Multi-array system configurations for customized performance and capacity

- User determined capacity
- User determined performance

ENTERPRISE DATA SERVICES

Data Protection, Availability & Recovery

- Auto-Replication, Multi-Way
- Instant Volume Restore
- Multi-Path I/O¹
- Multi-Volume, Writeable Snapshots
- Snapshot and Auto-Replication Scheduler
- Volume Cloning
- Volume Consistency Sets

Storage Virtualization

- Array Evacuation
- Automatic Load Balancing
- Automatic or Manual Storage Tiering
- Complete SAN Virtualization
- Online Data and Volume Movement
- RAID Load Balancing
- Storage Pools
- Thin Provisioning

Management

- PS Group Manager
- Rapid Provisioning
- Remote Setup Wizard
- Roles-Based Administration
- Volume Management

Maintenance

- Auto-Stat Disk Monitoring System
- E-mail Home
- Enclosure Monitoring System
- SAN HeadQuarters Historical Performance and Event Monitoring

Server Management & Protection Integration

- Auto-Snapshot Manager/ Microsoft Edition²
- Auto-Snapshot Manager/ VMware Edition³
- Automatic MPIO Connection Management
- Microsoft VSS and VDS Providers
- Smart Copy for Microsoft[®] Hyper-V^{™4}, Exchange[®], SQL Server[®], Windows[®] File Systems and VMware[®] VMFS
- VMware[®] Site Recovery Manager Adapter

¹Qualified for Microsoft Windows Server 2000 and 2003, VMware[®], Linux[®] and Sun[™] Solaris[™] Operating Systems

²Qualified for Microsoft Windows Server[®] 2003 and Windows Server[®] 2008

³Qualified for VMware[®] ESX 3.5, ESXi 3.5 and ESX 3

⁴Expected availability in Q2, 2009