

## THE PS SERIES...

### Supports a broad range of operating systems:

- Microsoft® Windows®
- Novell® NetWare®
- Red Hat® Enterprise Linux®
- SUSE™ Linux Enterprise
- Linux
- Sun Solaris™
- UNIX®
- HP-UX
- Mac OS® X
- IBM AIX®
- VMware® ESX

### Provides primary and secondary storage to a wide variety of applications:

- Microsoft Exchange
- SQL Server
- Web Servers
- File Servers
- ERP Systems
- Oracle Database
- Oracle Collaboration Suite
- CRM
- Sybase
- Lotus Notes
- Online Learning Portals
- Streaming Video Servers
- Voice over IP
- Building Surveillance Systems
- Student Informations Systems
- PACS
- Telecommunications Auditing & Billing Systems
- Accounting Systems
- Digital Media Archives
- Virtual Servers
- Backup & Restore

### Works in production environments across a broad range of industries:

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



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## PS SERIES

### INTELLIGENT iSCSI STORAGE ARRAYS



EqualLogic is fundamentally changing the way customers think about purchasing and managing storage. Built on the company's patented peer storage architecture, the 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.

# WHY EQUALLOGIC

## EASE OF USE

- Intelligent, automated management eliminates tedious administrative tasks
- From box to operating SAN in minutes

## 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% reliability
- Enterprise-class RAID protection (RAID 5/10/50)
- All components are hot swappable

## SCALABILITY

- Modular design allows growth when needed
- Online expansion 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 STORAGE ARRAYS

## PS5000E

Enterprise performance offering best 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 |
| 12 TB          | Dual Controller     | 16 SATA drives | 750 GB / 7,200 RPM SATA drives |
| 16 TB          | Dual Controller     | 16 SATA drives | 1 TB / 7,200 RPM SATA drives   |

## PS5000X

Outstanding performance with large 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 |

## PS5000XV

High performance for the most demanding enterprise applications

| Array Capacity | Storage Controllers | Disk Drives   | Disk Drive Capacities          |
|----------------|---------------------|---------------|--------------------------------|
| 2.3 TB         | Dual Controller     | 16 SAS drives | 146 GB / 15,000 RPM SAS drives |
| 4.8 TB         | Dual Controller     | 16 SAS drives | 300 GB / 15,000 RPM SAS drives |

## PS STORAGE STACK

Multi-array system configurations for customized performance and capacity

- User determined capacity
- User determined performance

## ENTERPRISE DATA SERVICES

- Auto-Replication
- Automatic Load Balancing
- Auto-Snapshot Manager<sup>1</sup>
- Auto-Stat Disk Monitoring System
- E-mail Home
- Enclosure Monitoring System
- Multi-Path I/O<sup>2</sup>
- Pooled and Tiered Storage
- PS Group Manager
- Remote Setup Wizard
- RAID Load Balancing
- Roles-based Administration
- Smart Copy for Microsoft SQL Server and Windows File Systems
- Snapshot and Auto-Replication Scheduler
- Storage Virtualization
- Thin Provisioning
- Volume Consistency Sets
- Volume Management
- Volume Snapshot
- Volume Cloning

### FOOTNOTES

<sup>1</sup>1 GB = 1,000,000,000 bytes, useable space may be less; <sup>\*\*1</sup>1 TB = 1,000,000,000,000 bytes, useable space may be less

<sup>1</sup>Qualified for Microsoft Windows Server 2003; <sup>2</sup>Qualified for Microsoft Windows Server 2000 and 2003, VMware, Linux and Sun Solaris Operating Systems