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DATA SYSTEMS



Hitachi TagmaStore™ Adaptable  
Modular Storage Systems with  
Brocade® SilkWorm® 4100  
Fibre Channel Switches

Partner Beyond Technology





# Hitachi TagmaStore™ Adaptable Modular Storage Systems with Brocade® SilkWorm® 4100 Fibre Channel Switches

Ready for a mission-critical SAN? As key components of Application Optimized Storage™ solutions from Hitachi Data Systems, Adaptable Modular Storage systems and Brocade SilkWorm 4100 Fibre Channel switches build a flexible SAN for medium- and enterprise-sized companies.

## Reduce Storage Complexity and Match IT Assets to Business Applications

How? Step one: Consider the Hitachi TagmaStore™ Adaptable Modular Storage systems that scale in raw capacity to 67.5TB in Fibre Channel or to 88.5TB with the SATA Intermix Option. They offer you a foundation for maximum storage area network (SAN) configuration flexibility, high performance for demanding applications, and native intelligence for simplified storage management, all in a small footprint. Step two: Choose model AMS200 or model AMS500 and configure it with SilkWorm 4100 Fibre Channel switches for optimum SAN performance and functionality.

## Ideal for Branch Offices, Local or Core-to-Edge Department SANs, and Core Installations for Midsized Companies

The storage system you select depends in great part on the size of the business and the applications your SAN is destined to support. For mission-critical applications such as enterprise resource planning and manufacturing resource planning, data warehousing, billing, and e-mail, you might choose model AMS500 for a dedicated SAN, while supporting less demanding applications or the needs of a smaller business on a SAN based on model AMS200. Whatever your choice, you can:

- :: Protect your SAN investment with a highly expandable modular storage system configured with the SilkWorm 4100 switch and its Ports on Demand capabilities
- :: Exploit concurrent support for open systems, including Microsoft Windows NT, Windows 2000, and Windows Server 2003, major UNIX platforms, Linux platforms, Novell NetWare, HP OpenVMS, HP Tru64 UNIX, and Apple Mac OS
- :: Consolidate storage and connect as many as 512 heterogeneous servers with Virtual Storage Ports and secure Host Storage Domains
- :: Rely on Hi-Track® “call-home” service/remote maintenance tool

## Monitor and Manage with Hitachi Software

You can simplify your information infrastructure and management tasks by leveraging Hitachi Resource Manager™ utility package software to monitor and manage your storage systems through a graphical user interface or a command line interface. Or, implement optional Hitachi HiCommand® Suite software.

Advantages include lower cost of ownership via:

- :: Large scalability in the smaller, modular footprint
- :: High reliability and performance
- :: Common management software across Hitachi storage offerings
- :: SAN data access with either of two plug-and-play Adaptable Modular Storage systems

## Adaptable Modular Storage with SilkWorm 4100 Fibre Channel Switches—as many as 32 Ports!

Along with consolidating hardware resources into a SAN, you can increase efficiency within your IT operations. With fewer physical resources to manage, your personnel are better able to focus on strategic initiatives and supporting new business opportunities.

The SilkWorm 4100 switch delivers robust SAN capabilities via its flexible architecture, which supports auto-sensing 1Gbit/sec, 2Gbit/sec, and 4Gbit/sec Fibre Channel technology and 16, 24, or 32 ports in a 1U package. The SilkWorm 4100 switch also:

- ∴ **Delivers pay-as-you-grow scalability through Ports on Demand.** Fully compatible with previous 1Gbit/sec and 2Gbit/sec devices, the SilkWorm 4100 protects existing technology investments while providing a strategic solution for the future.
- ∴ **Provides best-in-class performance for midrange SAN switches.** Supports mission-critical applications by leveraging a nonblocking architecture with as many as 32 ports concurrently active at 4Gbit/sec full duplex to provide an aggregate bandwidth of 256Gbit/sec.
- ∴ **Enterprise-level performance and availability.** The SilkWorm 4100 provides the highest performing 32-port SAN switch and features high-availability characteristics that make it ideal for mission-critical SAN environments.
- ∴ **Superior ROI and investment protection.** The SilkWorm 4100 combines the advantages of high performance, availability, and scalability with investment protection for existing SAN environments. It helps increase resource utilization while

## Application Optimized Storage Solutions

In today's business world, applications and the storage environments they depend upon have become critical drivers of business processes and decisions that impact organizational growth, risk, and profitability. Therefore, it's imperative that businesses more closely align storage infrastructure with application needs.

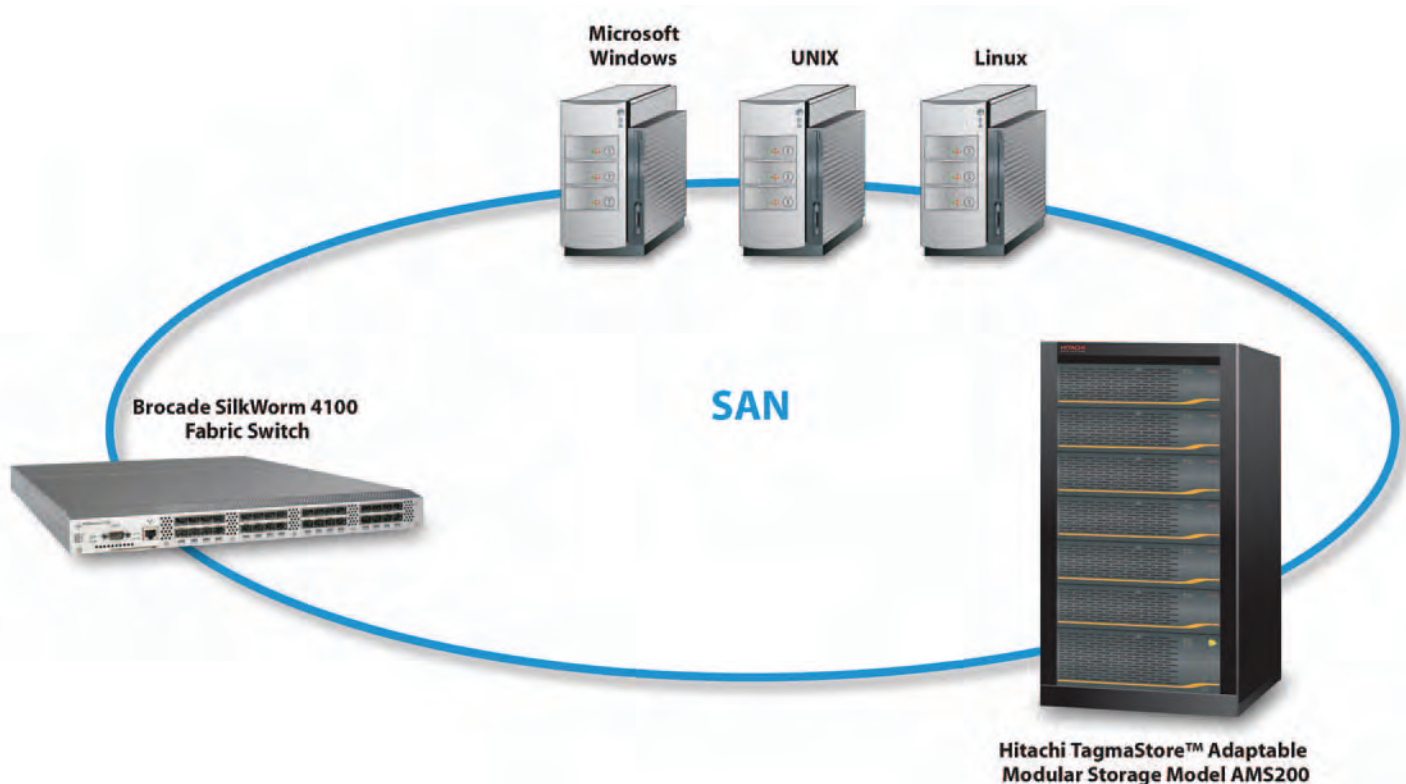
Application Optimized Storage solutions from Hitachi Data Systems answer this business challenge by enabling organizations to precisely match application requirements to storage attributes such as performance, availability, cost, and functionality.

minimizing management tasks to improve productivity and reduce overall storage costs.

- ∴ **Advanced flexibility and scalability.** The SilkWorm 4100 combines the cost-effectiveness of a switch designed for a variety of SAN environments with highly scalable Ports on Demand capabilities. It provides a complete SAN solution for small SANs and can also function as an edge switch within larger core-to-edge SANs.

## Next Steps

To review flexible SAN options for the Application Optimized Storage solution that best supports your business objectives, while enabling a simplified storage infrastructure, contact Hitachi Data Systems at [www.hds.com](http://www.hds.com).





 **Hitachi Data Systems Corporation**

**Corporate Headquarters**

750 Central Expressway  
Santa Clara, California 95050-2627  
U.S.A.  
Phone: 1 408 970 1000  
**www.hds.com**  
**info@hds.com**

**Asia Pacific and Americas**

750 Central Expressway  
Santa Clara, California 95050-2627  
U.S.A.  
Phone: 1 408 970 1000  
**info@hds.com**

**Europe Headquarters**

Sefton Park  
Stoke Poges  
Buckinghamshire SL2 4HD  
United Kingdom  
Phone: + 44 (0)1753 618000  
**info.eu@hds.com**

*Compliments of:*  **Hitachi Data Systems Corporation**



**3835R E. Thousand Oaks Blvd. #315**  
**Westlake Village, CA 91362**  
**Tel 877.230.2837 / Fax 805.435.2500**  
**www.ess-direct.com**

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