



BROCADE SILKWORM 4100 FIBRE CHANNEL SWITCH

Key benefits

Enhanced ROI

Boost the utilization of your existing storage and server assets with Brocade's Advanced Fabric Services. Align your data traffic needs with capital expenditures using "pay-as-you-grow" scalability up to 32 ports. Reduce per-port costs with high-speed ISL trunking (up to 32 gigabits per second) — fewer ISLs are required to increase the number of usable ports.

A protected investment

A single code stream supports forwards/backwards compatibility with the entire line of SilkWorm switches and directors. Auto-sensing ports provide backwards compatibility with 1- and 2-gigabit-per-second switches.

Enterprise-level performance and availability

The industry's first 4 gigabit-per-second throughput enables faster backups and access to application data. High-speed ISL capabilities boost intra- and inter-SAN speed. Non-disruptive software upgrades, and hot-pluggable, redundant components contribute to high availability.

Cost-effective BC/DR

Economically support BC/DR applications for distances up to 311 miles (500 kilometers). High-performance throughput speeds up recovery operations.



Brocade SilkWorm 4100 Fibre Channel switch

Enterprises rely heavily on business-critical applications requiring high availability, performance, scalability and ease of management. To meet this need, StorageTek® offers the Brocade® SilkWorm® 4100 Fibre Channel switch. It is the industry's first 4-gigabit-per-second switch and provides incremental, pay-as-you-grow scalability to match budgetary expenditures against technical requirements.



Its leading-edge, high-speed technology delivers improvements in enterprise application performance to increase employee productivity and reduce storage networking and management costs. This makes the device an ideal solution for mid-size organizations as well as branch offices and departments in larger enterprises. Advanced flexibility, performance and high-availability features converge to make the SilkWorm 4100 switch a reliable platform to support consolidation projects, improve resource utilization and lower overall storage costs.

Enterprise-level performance and availability

For IT professionals supporting mission-critical applications in a wide range of environments, the SilkWorm 4100 switch meets the challenge. It utilizes industry-leading 4-gigabit-per-second throughput, non-blocking, full-duplex performance and enhanced ISL trunking ranging up to 32 gigabits per second. Enterprise-class availability features include hot-swappable, redundant fans and power supplies and non-disruptive hot code activation to reduce planned downtime.

Sixteen virtual channels provide the quality of service capabilities you need to support service level commitments. Combined with anti-starvation abilities, these two features optimize the performance of enterprise applications relying upon a SAN.

Maximize your investment

The SilkWorm 4100 switch provides FICON support on a flexible port-by-port basis, enabling higher utilization of the device in mixed, mainframe and open systems environments. By leveraging Brocade Advanced Fabric Services, utilization rates of existing storage and server assets are improved along with increased administrator efficiency to help lower your cost of storage management.

You can protect past and future investments with the device's auto-port sensing capability to interoperate with 1- 2- and gigabit-per-second switch ports. In addition to hardware compatibility, maintenance and software upgrades are simplified by the use of the same code stream that supports the entire SilkWorm product line.

Advanced scalability and flexibility

Build out your network at your own pace with pay-as-you-grow scalability — going from 16 to 32 ports in 8-port increments. And leverage the configuration flexibility that forwards/backwards compatibility will give you for both open systems and mainframe environments.

Network and backup consolidation

Fast, 4-gigabit-per-second performance means you can use the SilkWorm 4100 switch for consolidation projects to improve your enterprise's operational efficiencies and cut costs. Server, storage, backup and data center consolidation projects will all benefit from an aggregate chassis bandwidth of 256 gigabits per second end-to-end.

Throughput performance further allows you to deploy fewer switches to reduce network complexity. Dynamic path selection automatically routes data using the most efficient path available in your fabric. Moreover, up to eight ISLs are supported for a total bandwidth of 32 gigabits per second — reducing inter-switch congestion to meet the performance requirements of your most data-intensive applications.

BC/DR distance connectivity

You can meet your business continuity and disaster recovery distance requirements too, with operational connectivity up to 62 miles (100 kilometers) at 4 gigabits per second and 311 miles (500 kilometers) at 1 gigabit per second.

Engage the storage experts

StorageTek offers complete implementation and support services to help you maximize your SAN investment and meet a wide range of technology and business requirements. StorageTek's Professional Services include installation, education and training, support service, storage optimization, data migration, and other services.

To find out more about Professional Services offerings and other Global Services solutions, contact your StorageTek representative or visit www.storagetek.com



STORAGETEK®

ABOUT STORAGETEK®

Storage Technology Corporation (NYSE: STK) is a \$2 billion global company that enables businesses, through its information lifecycle management strategy, to align the cost of storage with the value of information. The company's innovative storage solutions manage the complexity and growth of information, lower costs, improve efficiency and protect investments. For more information, visit www.storagetek.com, or call 1.800.275.4785 or 01.303.673.2800.

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