

BROCADE SILKWORM

24000

DIRECTOR

Key benefits

High port density

Industry-leading port density — up to 128 ports in a single domain and up to 384 ports per rack — allows you to build a cost-effective enterprise SAN with thousands of ports.

Mission-critical availability

Ultra-high availability requirements are met with redundant, hot-pluggable components, no single points of failure, non-disruptive software upgrades and hot code activation.

Fabric-wide security

Brocade Secure Fabric OS provides endto-end security across the entire SAN fabric.

High-speed data path

Reduced latency of less than 2.1 microseconds and Brocade Inter-Switch Link (ISL) trunking technology accelerate data throughput at up to eight gigabits per second.

Intelligent infrastructure

Heterogeneous device connectivity, automatic data routing/rerouting and automatic self-healing increase operational efficiency, so your SAN keeps pace with your business needs.

Multi-protocol architecture

Emerging mainframe tools and technologies plus a multi-protocol architecture provide configuration freedom for Open Systems and FICON environments.

A protected investment

Seamless upgrades to future technologies, such as four- and ten-gigabit-per-second Fibre Channel, iSCSI, FCIP and more, help make your investment in data secure.



Brocade SilkWorm 24000 director

Whether it's used as a stand-alone director or as one of several core building blocks in your SAN fabric, the Brocade® SilkWorm® 24000 director provides a reliable data infrastructure for core-to-edge SANs that have thousands of hosts and storage devices. It's ideal for applications requiring ultra-high availability, including data backup, remote mirroring, high-availability clustering and high-volume transaction processing, such as ERP and data warehousing.

Advanced architecture, real-world benefits

The SilkWorm 24000 director provides visible benefits. Fourth-generation, pay-as-you-grow architecture supports from 32 to 128 concurrently active two-gigabit-per-second, full-duplex ports in a single domain. A multi-stage, shared memory architecture reduces latency in port-to-port transfers to accelerate day-to-day performance across the fabric. High port/domain ratios can reduce the cost and complexity of system maintenance while also reducing data management costs. And seamless upgrades to higher-speed connectivity help protect your investment for years to come by preserving your ability to adapt.

All data, all the time

The goal is continuous, uninterrupted data access across the enterprise. The SilkWorm 24000 director meets the challenge in a variety of ways. Non-disruptive software upgrades and hot code activation accelerate upgrades and reduce downtime. Fabric Shortest Path First (FSPF) technology allows the fabric to automatically isolate problems and reroute traffic around failed links to keep data flowing. Dual-redundant control processors and redundant, hot-swappable components keep the system up even if individual components go down. And continuous self-monitoring, error detection with fault isolation and remote call-home notification accelerate troubleshooting.

New levels of SAN security

The SilkWorm 24000 director supports Brocade Secure Fabric OS®, an embedded real-time operating system that uses the latest networking security technology to provide comprehensive fabric security. It addresses vulnerabilities within the SAN fabric and helps prevent downtime due to human error.

Open for business

The SilkWorm 24000 director integrates easily with heterogeneous open environments. Windows NT, UNIX, Linux, Solaris, AIX and mainframe FICON environments can run traffic through the same director, so your SAN fabric is cost effective, easier to manage, easier to maintain, and ready to move a mountain of data with 24 x 7 x forever reliability.

Brocade SilkWorm 24000 director specifications

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	Diagnostics	POST and embedded online/offline diagnostics				



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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