

A new standard should give SANs common specs and simpler management

Company	Product	Description; price if available
Advanced Digital Information Corp. (ADIC) Redmond, Wash. 425-881-8004 www.adic.com	StorNext Management Suite (SNMS) 2.2	An integrated system for SAN data access, management and protection; reduces the time and cost of managing SAN data by integrating two core components, StorNext File System and StorNext Storage Manager
AppIQ Inc. Burlington, Mass. 781-425-6260 www.appiq.com	StorageAuthority Suite 3.0	A complete, integrated family of heterogeneous SAN management, storage resource management (SRM) and storage provisioning products; enables users to discover, monitor, automate, provision, report on and charge back on your entire application storage infrastructure; price depends on SAN architecture
Advanced Storage Array Products Richardson, Texas 972-783-1000 www.asapit.com	StorSight Storage Infrastructure Management Suite (SIM) 2.31	Enterprise SAN software through which every operational parameter is monitored, measured, reported, managed, controlled and provisioned to optimize operational productivity and profitability; can manage multivendor, multitechnology SAN networks; \$10,000 per managed terabyte
ATTO Technology Inc. Amherst, N.Y. 716-691-1999 www.attotech.com	AccelWare 3.0	SAN volume management system that lets both Macintosh and Windows users share and manage data in workgroup SANs; creates and sets up standard or RAID 0 HFS/HFS+ volumes; \$1,095 for AccelWare VMS module, \$895 per single-user seat for AccelWare Mac or AccelWare DP for Windows
BakBone Software Inc. San Diego 858-450-9009 www.bakbone.com	NetVault 7.1	Backup and restore with management capabilities; gives users enhanced multiplatform support, improved performance and utilization, management of data protection in servers in mission-critical environments; \$1,195 up for Windows and Linux systems; \$2,995 up for Unix systems
BMC Software Inc. Houston 713-918-8800 www.bmc.com	Patrol for Storage Networking 2.2.01	Collects performance, configuration and device status, and event information for storage network devices from a variety of vendors; lets users view environmental device data, port-level configuration data and port-performance statistics; \$6,000 for 4 to 32 licensed ports
Broadcom Corp. Irvine, Calif. 949-450-8700 www.broadcom.com	Gadzoos Ventana SAN Manager 4.0	Extends Ventana management architecture to monitoring and controlling Gadzoos hubs and switches in a SAN configuration; lets users add and upgrade management capabilities and SAN services hardware in compliance with SAN standards; free with Gadzoos SAN hardware
Brocade Communications Systems Inc. San Jose, Calif. 408-333-8000 www.brocade.com	Fabric OS 4.1	An operating system for high-performance, scalable SAN networks; contains multiple performance and management components such as Fabric Manager, through which administrators can configure, monitor and provision multiple Brocade and third-party SAN switches; free with Brocade switches
Computer Associates International Inc. Islandia, N.Y. 631-342-6000 www.ca.com	BrightStor SAN Manager 1.0	A module of CA's comprehensive BrightStor storage management program; provides discovery, zoning, logical unit assignments and enhanced visualization to simplify SAN management; sold per server for enterprises only
Cisco Systems Inc. San Jose, Calif. 408-526-4000 www.cisco.com	SAN-OS 1.3	Upgrade to the storage management software on Cisco's multiprotocol storage switches; includes centralized management of multiple physical fabrics, continuous discovery, health and event monitoring and historical performance monitoring; free with Cisco MDS 9000 switches
CommandSoft Inc. Santa Barbara, Calif. 805-730-7772 www.commandsoft.com	FibreJet for Mac OS 8.1-9.22	High-speed SAN software designed for editors and content creators working in high-volume production settings; manages workflow between multiple SAN users in such operations as television post-production/special effects and digital art studios; a Windows version is under development; \$2,695 per station
DataCore Software Corp. Fort Lauderdale, Fla. 954-377-6000 www.datacore.com	SANsymphony 5.2	Comprehensive SAN management software that consolidates and automates key aspects of storage management; lets large and small enterprises allocate all disk capacity, pool disk capacity from multiple storage devices, and centrally manage storage on behalf of mission-critical servers and desktop users; \$20,000 up
Dot Hill Systems Corp. Carlsbad, Calif. 800-872-2783 www.dothill.com	SANscape 2.0	Java-based software utility that combines SAN configuration, maintenance and monitoring tools into a single application; provides centralized administration of Dot Hill's SANnet storage systems across existing networks; free with Dot Hill's SAN hardware
EMC Corp. Hopkinton, Mass. 508-435-1000 www.emc.com	VisualSAN Network Management Suite 1.6	Comprehensive suite that automatically discovers, manages and monitors multivendor SAN devices; Network Manager component provides service-level and centralized management of SANs; actively monitors SAN components for immediate notification of problems; \$2,000 for managing less than one terabyte, \$5,000 for each additional terabyte

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FalconStor Software Corp. Melville, N.Y. 631-777-5188 www.falconstor.com	IPStor 4.0	Comprehensive suite of enterprise-class storage services for data availability, data recovery, capacity management and optimized performance, as well as an integrated platform for both SAN and NAS; operates under a centralized management platform across Fibre Channel and IP, and across multi-vendor and multiplatform environments; \$10,000 up
Fujitsu Softek (Federal) Washington, D.C. 202-362-7772 www.softek.fujitsu.com	Softek Storage Manager 2.2	Comprehensive storage management suite for managing multivendor, multiplatform storage environments from a single console; day-one storage reclamation; proactive management capabilities communicate status and performance data for all SAN components; \$39,000 up
Hewlett-Packard Co. Palo Alto, Calif. 650-857-1501 www.hp.com	HP OpenView Storage Area Manager (SAM) 3.1	Comprehensive package of programs that manages both tape and disk, direct-attached and network storage across multivendor devices, operating systems and distributed environments; lets users define, monitor and measure storage service levels and view them as an integral part of the overall IT service; \$85,000
IBM Corp. White Plains, N.Y. 888-839-9289 www.ibm.com	IBM Tivoli Storage Area Network Manager 1.3	Comprehensive management solution for multivendor SANs; includes automatic resource and topology discovery, monitoring and alerts, zone control and SAN error prediction; built to ANSI SAN standards; \$480 to \$520 per CPU
InterSAN Inc. Scotts Valley, Calif. 831-430-0692 www.intersan.net	Pathline 2.5	Unified management and reporting system for multivendor storage environment; automates day-to-day storage service processes across the entire lifecycle, from planning, implementation and provisioning to monitoring
McData Corp. Broomfield, Colo. 720-558-8000 www.mcdata.com	SANavigator 4.0	A multivendor, multiprotocol solution for managing heterogeneous devices on a SAN; helps users manage the entire fabric, improve SAN efficiencies, secure data and proactively increase data availability
Maxxan Systems Inc. San Jose, Calif. 408-382-6500 www.maxxan.com	SANCruiser 2.2.1	Java-based client-server software designed to manage Maxxan's MXV320 intelligent SAN switch and all of its integrated devices; provides users with control of all SAN assets; acts as middleware to enterprise management like HP OpenView; \$14,900
MonoSphere Inc. Redwood City, Calif. 650-595-3040 www.monosphere.com	Monosphere Storage Manager (MSM) 2.0	A centralized system that presents IT managers with a comprehensive view of all application servers and storage resources in the global storage pool; lets managers configure, monitor and control these resources from any remote communications point; \$50,000
nStor Technologies Inc. Carlsbad, Calif. 760-683-2500 www.nstor.com	StorView 3.02	A Web-based storage system written in HTML; installed on clients and causes little or no impact to the server; provides SAN management information to IT managers; can be used on any browser to manage the NexStor 4300F and 4500F series; free with nStor hardware
QLLogic Corp. Aliso Viejo, Calif. 949-389-6000 www.qlogic.com	SANsurfer Management Suite 3.0	A comprehensive suite of management, monitoring and performance modules that provides end-to-end control of QLogic switches and HBAs across multiple platforms from a single common GUI dashboard; free with QLogic hardware
Rorke Data Inc. Eden Prairie, Minn. 952-829-0300 www.imagesan.com	ImageSAN PC 1.5.3 Global Storage	A file-level SAN management package that lets users modify and leverage workflow specific to content creation, distribution and output; enhances user collaboration with storage virtualization; Mac OSX version available; \$1,299 per seat
Storability Software Inc. Southborough, Mass. 508-229-1700 www.storability.com	Manager 2.0	A file-level SAN management package that lets users modify and leverage workflow specific to content creation, distribution and output; enhances user collaboration with storage virtualization; Mac OSX version available; \$1,299 per seat
Studio Network Solutions St. Louis 314-733-0551 www.studionetworksolutions.com	SANmp 2.0	A multiplatform volume sharing software program that lets multiple audio, video and/or graphics workstations concurrently access data via a SAN; Windows and Mac OSX versions available; \$1,498 per Windows or Macintosh client
Sun Microsystems Inc. Santa Clara, Calif. 650-960-1300 www.sun.com	StorEdge Enterprise Storage Manager 2.0	A suite of programs that provides comprehensive SAN management, health monitoring, fault management and capacity reporting; lets users view SAN elements and SAN connectivity devices from multiple vendors; \$250,000 for unlimited site license
Veritas Software Corp. Mountain View, Calif. 800-327-2232 www.veritas.com	SANPoint Control 3.6	A hardware-independent system that provides centralized, proactive management of SANs; integrates policy and performance management, storage provisioning and zoning capabilities; gives users a single, centralized storage interface; \$20,000 up