

Storage management software

Vendor	Product	Hardware supported (1)	Supported management products, applications, data sources (1)	Operating systems	SMI-S support	Key features	Pricing (2)
AppIQ Inc. Burlington, Mass. 866-322-7747 www.appiq.com	Storage Authority Suite R4.0	EMC Clariion, DMX, Symmetrix; Hitachi 9200, 9500V, 9900, 9900V; IBM ESS, FastT; SGI InfiniteStorage TP; StorageTek D, Sun StorEdge 9900	Exchange, Oracle, SQL Server, Sybase, NetApp Data ONTAP, Veritas NetBackup, Java, J2EE, SOAP, XML	AIX, IRIX, Linux-based Altix, Solaris, Windows	Yes	New unified NAS/SAN management; optional NetApp, NetBackup, and SQL Server modules; remote management server diagnostics	\$30,000 and up (plus \$5,000-\$15,000 per optional module)
BMC Software Inc. Houston 800-841-2031 www.bmc.com	Patrol for Storage Networking	Agilent, Brocade, Cisco, Emulex, Inrange, JMI, LSI Logic, McData, QLogic	EMC ControlCenter, Mainview SRM, Patrol for Storage Devices	OS/390, z/OS mainframe	No	Centralized GUI, alerts, port-level SAN configuration information, performance statistics	\$6,000 (4 to 32 ports)
	Patrol for Storage Arrays	EMC Celerra, Clariion, Symmetrix; Hitachi Freedom, HP StorageWorks, SureStore; IBM ESS, FastT; LSI Logic, NetApp Filers, StorageTek, Sun StorEdge	EMC ControlCenter, Mainview SRM, Patrol for Storage Devices	OS/390, z/OS mainframe	No	RAID- and logical-unit-level configuration data, SNMP trap diagnostics, alerts	\$5,000 per terabyte
Computer Associates International Inc. Islandia, N.Y. 877-246-3674 www.ca.com	BrightStor CA-Vantage Storage Resource Manager	Amdahl, EMC, Hitachi, HP, StorageTek	BrightStor CA-Vtape, CA-Allocate, several others; CA Unicenter, DB2, JDBC, ODBC, IBM DFSMSshm	z/OS mainframe	Yes	Tape resource management; comprehensive graphing, printing and capacity planning; Web and Windows interfaces	\$18,460
	BrightStor SAN Designer	Dell PV650F; EMC Celerra, Clariion, Symmetrix; Fujitsu Fibrecat, Hitachi Thunder 9200, Lightning 9900; IBM	CA BrightStor SAN Manager, SRM, Portal, Unicenter Asset Management	Windows	Yes	Microsoft Visio design; preconfigured SAN fabric devices, best-practice design rules, bill of materials, wiring plans, discovery	\$2,700
	BrightStor SAN Manager	Dell PV630F, PV650F; EMC Clariion, Symmetrix; Fujitsu Fibrecat, Hitachi 9900, IBM FastT	Oracle, PeopleSoft, SAP, CA Unicenter	Windows	Yes	Advanced visualization and correlation, discovery, fabric health monitoring; centralized console	\$4,995
	BrightStor Storage Resource Manager	EMC Symmetrix, Hitachi Freedom, IBM TotalStorage ESS, Sun StorEdge 9900	CA BrightStor SAN Manager and Portal; Exchange	AIX, HP-UX, Linux mainframe, NetWare, Solaris, Windows	Yes	Automated policy-driven remediation, risk assessment, cluster server support, wizard-driven discovery template, agents, asynchronous data collection, integrated reports/queries	\$2,495
CreekPath Systems Longmont, Colo. 888-758-1001 http://www.creekpath.com	CreekPath Suite 3.5	EMC Clariion, Symmetrix; Hitachi Lightning, Thunder; IBM FastT, Shark; NetApp Filers, LSI Logic, StorageTek, Sun StorEdge	Oracle, Sybase, Veritas NetBackup, Storage Foundation, Volume Manager	AIX, HP-UX, Linux, Solaris, Windows	Yes	Enterprisewide database operations management, workflow-base provisioning, intrusion detection, business-need alignment	\$3,000 per terabyte
Crosswalk Inc. Westminster, Colo. 866-626-5786 www.crosswalkinc.com	Crosswalk Storage Manager	Brocade, Cisco; EMC Clariion, Symmetrix; Hitachi Lightning, Thunder; IBM ESS, FastT, Netfinity; LSI Logic, Qlogic, StorageTek, StorageWorks	Exchange, Oracle, SQL Server, ArcServe, Legato Networker, Tivoli Storage Manager, Syncsort Backup Express, Veritas Backup Exec, NetBackup	Windows	Yes	Combined storage network/resource management; new Visio-based planning tool, comprehensive knowledge base; targets small and medium-size organizations	\$5,000 and up
EMC Corp. Hopkinton, Mass. 508-435-1000 http://www.emc.com	EMC Control-Center Family 5.2 (includes SRM planning and provisioning, and monitoring and reporting)	Brocade, Cisco, Connectrix, Inrange, McData, Qlogic SANs; EMC Celerra, Clariion, Symmetrix; HP StorageWorks; Hitachi 7700E, 9900; IBM ESS, Sun StorEdge	BMC Patrol, CA Unicenter, HP OpenView, Micromuse, Tivoli NetView, Tivoli MOM, any SNMP; DB2, Microsoft SQL Server, Informix, Oracle, Sybase	Mainframes, Unix, Windows	Yes	StorageScope, StorageScope File Level Reporter, and Performance Manager modules; Automated Resource Manager, SAN Advisor, and SAN Manager modules; exportable reports, event-triggered Web views, rules-based analysis, policy-based provisioning; new HP, Hitachi array support	\$9,500 to \$14,900 per terabyte
	Visual SAN 4.0 Standard Edition	Multivendor SAN, NAS and DAS	BMC Patrol, CA Unicenter, HP OpenView, Tivoli NetView, Veritas, Exchange, Oracle, Sybase, SQL Server	AIX, HP-UX, Linux, NetWare, Solaris, Windows	Yes	Network topology map, real-time monitoring, LUN masking, zone control, policy-based event/alert management; optional provisioning, configuration, and performance editions	\$4,650 (16 ports)
	Visual SRM Standard Edition	Multivendor SAN, NAS and DAS	BMC Patrol, CA Unicenter, HP OpenView, Tivoli NetView, Veritas, Exchange, Oracle, Sybase, SQL Server	AIX, HP-UX, Linux, NetWare, Solaris, Windows	Yes	Web interface; 40 predefined reports, policy task lists, file-level control, cluster support, optional Exchange, Database Server versions	\$1,480 (per 500 gigabytes)
Hewlett-Packard Co. Palo Alto, Calif. 800-752-0900 www.hp.com	OpenView Storage Area Manager 3.2	Brocade; EMC Clariion, DMX, Symmetrix Hitachi 7700, 9000 series; HP StorageWorks; IBM ESS, FastT; LSI Logic, McData, NetApp Filers, Qlogic, StorageTek, Sun StorEdge	Exchange, Oracle, HP OpenView, XML	AIX, HP-UX, Linux, OpenVMS, Solaris, Tru64, Windows	Yes	Storage Accountant, Allocator, Builder, Node Manager and Optimizer modules; Manager of Manager (MOM) functionality, usage metering, LUN mapping, automatic discovery, threshold-based alerts	\$29,198 GSA (5 terabytes)
IBM Corp. Armonk, N.Y. 800-426-4968 www.ibm.com	TotalStorage Productivity Center 2.1	EMC, Hitachi, HP; IBM ESS, FastT	Tivoli Storage Manager, DB2, SQL Server, Oracle, Sybase	AIX, HP-UX, Linux, NetWare, Solaris, Windows	Yes	Data, Disk, Fabric (SAN) and Replication modules; monitoring and alerts, automated capacity provisioning, error prediction, cross-suite agent, FlashCopy	\$5,005 and up GSA
	Tivoli Storage Manager 5.3	EMC Celerra; IBM ESS, FastT; HP SureStore SpectraLogic, StorageTek, Sun StorEdge	DB2; optional Domino, Exchange, SAP R/3, WebSphere, Informix, Oracle, SQL Server	AIX, HP-UX, Linux, Solaris, Windows	Yes	Archiving and backup management; new user interface configuration and administration tools; intelligent data movement, policy-based automation, bare-machine restore	\$295 and up per managed processor
Overtone Software Inc. Bethesda, Md. 301-280-5902 www.overtonesoftware.com	ManageTone Enterprise 2004 Lifecycle Suite (includes ManageReports 2004)	EMC, Hitachi, HP, IBM, NetApp Filers and Nearstore, Xiotech, other major disk and tape platforms	Exchange	Unix, Windows	No	Native hierarchical storage management for filers, servers and nearline storage; intelligent data movement, capacity planning and trend monitoring	\$6,995 and up
Tek-Tools Inc. Dallas 888-835-8665 www.tek-tools.com	Profiler Rx 3.6	Multivendor SAN, NAS and DAS; EMC Celerra, Symmetrix; NetApp Filers	Exchange, Microsoft SQL Server, MySQL, Oracle, ARCServe, Legato Networker, Veritas Backup Exec, SyncSort Backup Express, IBM TSM, StorageTek ACSLS	AIX, HP-UX, Linux, SCO Unix, Solaris, Windows, NetWare	No	Capacity planning, chargeback, trending and predefined reports; performance monitoring, alerts, backup reports; programmable Java agent	\$7,500 and up
Symantec Corp. Cupertino, Calif. 408-517-8000 www.symantec.com	Veritas CommandCentral Storage 4.2	Multivendor SAN, NAS and DAS (EMC, IBM, Hitachi, NetApp, etc.)	Veritas Cluster Server, Foundation Suite, NetBackup, Exchange, Oracle	AIX, HP-UX, Linux, Solaris, Windows	Yes	Provisioning, policy-based management, workflow, role-based secure administration, utilization reports, metering, enhanced process automation	\$21,000 and up
	Veritas Storage Exec 5.3	Multivendor SAN, NAS and DAS, NetApp filers	Exchange, Microsoft SQL Server	Windows	No	Five alert thresholds, predefined reports, Active Directory support, real-time policies, file blocking trend analysis	\$632