

Contact Information	Product Name	Price	Supported OSs	Application-Specific Support Modules	Microsoft Cluster Server Failover	Microsoft Volume Shadow Copy Service (VSS) Support	Media Format	Tracks and Reports Backup Reliability
<b>Arkeia</b> 760-431-1319 <a href="http://www.arkeia.com">http://www.arkeia.com</a>	Arkeia Network Backup	Contact vendor for pricing	Linux, Mac OS X (client only), Sun Microsystems' Solaris, UNIX, Windows (client only)	DB2, Exchange, Lotus Domino, MySQL, Oracle	No	Yes	Direct-to-disk, tape	Yes
<b>Asigra</b> 416-736-8111 <a href="http://www.asigra.com">http://www.asigra.com</a>	Asigra Televaulting	Starts at \$11,250	AIX, HP-UX, IBM AS/400, Mac OS X, NetWare, Red Hat Linux, SCO, Solaris, SUSE Linux, Windows 3.11 and later	DB2, Exchange, Lotus Domino, Novell GroupWise, Oracle, SQL Server	Yes	Yes	Direct-to-disk, DVD, Hierarchical Storage Management (HSM), optical, re-writeable disk, tape	Yes; with a self-healing tool
<b>Breece Hill</b> 303-664-8200 800-941-0550 <a href="http://www.breecehill.com">http://www.breecehill.com</a>	INTEGRITY Data Protection Software	Contact vendor for pricing	Linux (FreeBSD, Red Hat 9.0), Mac OS X, Solaris 8 and later, Windows 98 and later	Exchange	No	No	Direct-to-disk, Tape	Yes
<b>BridgeHead Software</b> 781-939-0780 800-262-8296 <a href="http://www.bridgeheadsoftware.com">http://www.bridgeheadsoftware.com</a>	HyperTape	Contact vendor for pricing	HP NonStop, HP OpenVMS, Linux, NetWare, OS/2, Siemens BS2000, Win98 and later, UNIX	DB2 Universal Database (UDB), Exchange 2000 Server and later, IBM Informix, Lotus Domino, many others	Can achieve similar fail-over results	No	Direct-to-disk; HSM; optical; rewriteable disk; tape; write once, read many (WORM) tape	Yes
<b>Computer Associates (CA)</b> 631-342-6000 888-423-1000 <a href="http://www.ca.com">http://www.ca.com</a>	BrightStor ARCserve Backup r11.1	\$4995	Linux, NetWare, Windows 2003, Windows 2003 Datacenter, Windows 2000, Win2K Datacenter, UNIX	Apache, CA's Advantage Ingres, DB2 UDB, Exchange, Informix, Lotus Domino, MySQL Oracle, SAP R/3, SQL Server, Sybase	Yes	Yes	CD-ROM, direct-to-disk, optical, rewriteable disk, tape	Yes
<b>Dantz Development</b> 925-948-9000 888-777-5664 <a href="http://www.dantz.com">http://www.dantz.com</a>	Retrospect Disk-to-Disk	From \$300 to \$1900, depending on options	Engine: Win98 and later; Clients: Mac OS 7.1 and later, Red Hat Linux 6.2 and later, Win9x and later	Exchange, SQL Server	No	Yes	Direct-to-disk, optical, rewriteable disk	Yes
	Retrospect Single Server	From \$700 to \$3350, depending on options	Engine: Win98 and later; Clients: Mac OS 7.1 and later, Red Hat Linux 6.2 and later, Win98 and later,	Exchange, SQL Server	No	Yes	Direct-to-disk, optical, rewriteable disk, tape	Yes
	Retrospect Multi Server	From \$1100 to \$3900, depending on options	Engine: Win98 and later; Clients: Mac OS 7.1 and later, Red Hat Linux 6.2 and later, Solaris 8, Sun-OS 5.8, Win98 and later	Exchange, SQL Server	No	Yes	Direct-to-disk, optical, rewriteable disk, tape	Yes
<b>Host Interface International</b> 425-746-4361 <a href="http://www.hostinterface.com">http://www.hostinterface.com</a>	Double Image-O	\$60 without open file copy support; with open file copy support: \$199 for standard edition, \$549 for server edition, \$749 for enterprise server edition	Win98 and later	N/A	No	No (equivalent proprietary support for Windows NT 4.0 and later)	Direct-to-disk, HSM, optical, rewriteable disk	Uses Windows error-logging mechanisms
<b>HP</b> 650-857-1501 <a href="http://www.hp.com">http://www.hp.com</a>	HP OpenView Storage Data Protector	Contact vendor for pricing	HP-UX, Solaris, Windows	DB2, Exchange, HP OpenView Informix, Lotus Domino, Network Node Manager, Oracle, SQL Server, Sybase, many others	Yes	Yes	Variety of tape and magneto optical drives and library systems	Yes
<b>IBM</b> 800-426-4968 <a href="http://www.ibm.com">http://www.ibm.com</a>	IBM Tivoli Storage Manager	Contact vendor for pricing	AIX, HP, IBM Linux, Macintosh, OS/390, Sun, Windows	DB2, Exchange, Informix, Lotus Domino, Oracle, SAP, SQL Server, Sybase, WebSphere Application Server	Yes	Yes	Direct-to-disk, HSM, optical, rewriteable disk, tape,	Yes

Schedules Media Rotation	Interleaved Backup/# of Supported Devices	Multiplexed Output/# of Active Simultaneous Jobs	Remote Backup Server Operation	Centralized Administration	Encrypts Data for Transport/Storage	Client Agent	Automated Agent Installation	Bare-Metal Restore	Automatic Disk Partitioning, Formatting, Drive-Letter Restoration	Redirected Restore for Supported Applications, Data Types	Application Point-in-Time Restore
Yes	Yes; 24	Yes; 200	Yes	Yes	Yes/Yes	Yes	Yes	Yes	Yes	Yes	Yes
No	No	Yes; 50,000 using NI Grid	Yes	Yes	Yes/Yes	No	Yes	Yes	No	Yes	Yes
Yes	Yes; user defined	Yes; user defined	Yes	Yes for servers; no for agents	No/Yes	Yes	Yes	No	No	Yes	No
Yes	Yes; unlimited	Yes; virtually unlimited	Yes	Yes	No/No	Yes	Yes	No	No, but can achieve similar restore results	Yes	Yes
Yes	Yes; unlimited	Yes; 32	Yes	Yes	Yes/Yes	Yes	Yes	Yes	Yes	Yes	Yes
No	No	Stages up to eight backup jobs to local disk, then transfers them to one device	No	No	Yes/Yes	No	No	Yes	No	Yes	Yes
Yes	No	Stages up to eight backup jobs to local disk, then transfers them to one device	No	No	Yes/Yes	Yes	No	Yes	No	Yes	Yes
Yes	No	Stages up to eight backup jobs to local disk, then transfers them to one device	No	No	Yes/Yes	Yes	No	Yes	No	Yes	Yes
No	No	Yes; limited by available bandwidth and hardware resources	No	Yes	Yes/Yes	No	N/A	Yes	Drive-letter restoration	Yes	No
Yes	Yes; unlimited	Yes; up to 32 to one tape drive	Yes	Yes	Yes/Yes	Yes	Yes	Yes	Yes	Yes	Yes
Yes	Yes; eight for file system backup; one per Exchange storage group (SG)	Yes; multiple backup sessions to disk limited by available bandwidth and hardware resources	Yes	Yes	Yes/Yes	Yes	Yes	Yes	Yes	Yes	Yes

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<b>Lockstep Systems</b> 480-596-9432 877-932-3497 <a href="http://www.lockstep.com">http://www.lockstep.com</a>	Backup for Workgroups	Starts at \$99 per client license (quantity discounts available); \$49 for Active Directory (AD) add-on, \$99 for Exchange add-on	Win9x and later	AD and Exchange Server 5.5 and later add-ons available	No	No	Hard disks only	No
<b>Stratesave Systems</b> <a href="mailto:info@stratesave.com">info@stratesave.com</a> <a href="http://www.stratesave.com">http://www.stratesave.com</a>	Stratesave 4.0	\$79 for desktop and laptop edition, \$198 for server edition, \$596 for network edition with all agents	NT 4.0 and later	Exchange, Microsoft Share-Point Portal Server, SQL Server	No	Yes	CD-ROM, direct-to-disk, DVD, rewriteable disk, Removable Storage Manager (RSM), tape	Yes
<b>Symantec</b> 801-437-8900 <a href="http://www.symantec.com">http://www.symantec.com</a>	Symantec Live-State Recovery Advanced Server	\$1193 per server	Windows 2003, Win2K Server Service Pack 2 (SP2) and later, Win2K Advanced Server SP2 and later, NT 4.0 Server SP6a	No, but will back up Exchange, Oracle, and SQL Server databases	Limited support	Yes	Direct-to-disk; optical; rewriteable disk; TCP/IP-connected and direct-attached disk, including IEEE 1394 and USB disk	Yes
<b>Syncsort</b> 201-930-8200 <a href="http://www.syncsort.com">http://www.syncsort.com</a>	Backup Express	Contact vendor for pricing	Win9x and later, including 64-bit Windows; Linux; NetWare 4.x and later; UNIX	DB2, Exchange 5.5 and later, GroupWise, Lotus Domino 5.0 and later, NDMP, Oracle 7 and later, SQL Server 6.x and later, Sybase, many others	Yes	Yes, in release 2.3	Direct-to-disk, rewriteable disk, HSM, Network Appliance's Near-Store, NetApp, other NAS filers, tape	Yes
<b>UltraBac Software</b> 425-644-6000 <a href="http://www.ultrabac.com">http://www.ultrabac.com</a>	UltraBac Disaster Recovery (UBDR) Pro	\$695	NT 4.0 and later on any x86-, x64-, or ia64-based hardware	N/A	No	No, but includes equivalent functionality	Direct-to-disk, FTP, rewriteable disk, tape, optical, IBM Tivoli Storage Manager (TSM)	Yes
	UltraBac 7.1.4	\$495	NT 4.0 and later	Exchange, FreeBSD, Linux, Mac OS X, NetWare, Oracle  Solaris, SQL Server, Tivoli, UNIX Exchange, Oracle, SQL Server	Yes	Yes, with 8.1 release	Direct-to-disk, FTP, optical, rewriteable disk, tape, TSM	Yes
<b>XOsoft</b> 781-685-4965 866-926-7962 <a href="http://www.xosoft.com">http://www.xosoft.com</a>	Enterprise Rewinder	Contact vendor for pricing	Windows 2003, Win2K Server	N/A	No	No	No	No
	WANSync	\$2000	AIX, NT 4.0, Red Hat Linux, Solaris, Windows 2003, Win2K Server	Exchange, Oracle, SQL Server	Yes	No	No	No
	WANSyncHA	\$4500	Windows 2003, Win2K Server	Oracle, SQL Server	Yes	No	No	No
<b>Yosemite Technologies</b> 559-449-8181 800-228-9236 <a href="http://www.yosemite-tech.com">http://www.yosemite-tech.com</a>	Yosemite Backup Advanced	Contact vendor for pricing	Linux, Netware, Small Business Server (SBS) 2000 and later, Solaris, Windows 2003, Windows XP, Win2KPro, Win2K Server, Windows Me, Win98	Exchange, Oracle, SQL Server	No	No	Direct-to-disk, rewriteable disk, tape	Yes

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No	No, but lets multiple computers store backup data simultaneously to a central device	Yes; any number of jobs as defined by user settings	No	No	Yes/Yes	Yes	No	Yes (Windows OS CD installation required)	No	No	Yes
Yes	No	No	Yes	No	No/Yes	Yes	Yes	Yes	Yes	Files and directories can be redirected; databases can be redirected to files for further manual processing with database software	N/A
No	No	Yes; limited only by bandwidth considerations	Yes	Policies can be deployed with any framework via a Visual Basic (VB) script	Yes/Yes	Yes	Yes	Yes	Yes	No	No
Yes	Yes; unlimited on a SAN	Yes, unlimited on a SAN	Yes	Yes	Yes/Yes	Yes	Yes	Yes	Yes	Yes	Yes
Yes	No	Yes to disk, no to tape; limited by server resources available	Yes	Yes	Yes/Yes	Yes	Yes	Yes	Yes	No	No
Yes	No	Yes to disk, no to tape; limited by server resources available	Yes	Yes	Yes/Yes	Yes	Yes	Yes, with UBDR Pro	Yes	Yes	Yes
No	No	No	No	Yes, using Call Level Interface (CLI) or GUI	No/Yes	Yes	No	No	No	No	No
No	No, but supports simultaneous replication to multiple servers	No, but supports replication from multiple master servers to a single replica	Runs on any server in the enterprise	Yes, using CLI or GUI	Yes/Yes	Yes	No	No	No	Yes	No
No	No, but supports simultaneous normal replication to multiple servers	No	Runs the WANsync engine on any server in the enterprise	Yes, using CLI or GUI	Yes/Yes	Yes	No	No	No	No	No
Yes	Yes; 30 devices per media server, multiple media servers per storage domain	No	Yes	Yes	No/No	Yes	Yes	Yes	Yes	Yes	No