



Compatibility Guide

for Time Navigator Enterprise Edition
version 4.1

Updated 2/8/2008
Next Update – 1st week of Feb '08

Reminder

Time Navigator 3.7 is now End Of Life status as of November 30, 2007

New in Compatibility Guide*

- Pillar Data Storage
- NDMP for MacOS
- See the final page of this guide to have a quick look at what's changed

In Progress

- **Windows Server 2008**
- **VMware ESX 3.5 and 3i**
- **Novell OES 2**
- **Lotus Notes 8**
- **Data Domain on IBM i5/OS certification**

Contact product@atempo.com for more details

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General information about The 4.1 Compatibility guide

Presentation:

- *New information is added to find the Time Navigator release related to the supported module
You will find this information in the "TN Release" Column or directly in the tables*
- *Agents which are no longer supported with Time Navigator 4.1 but are still supported with the 3.7.0.4 and/or 4.0.1 Time Navigator version, are shown in grey on the tables : 3.7.0.4, 4.0.1
In the tables :*
 - *"●" Means supported with a 4.1 agent*
 - *"●" Means supported but with a 3.7 or 4.0.1 Agent (Check in the "TN Release" column if the Agent is 3.7 or 4.0.1*

Notes:

- *Time Navigator 3.7.0.4 and 4.0.1 Agents are supported with a 4.1 Time Navigator Server*
- *4.1 Time Navigator Agents are not compatible with a 3.7 or 4.0.1 Time Navigator Server*
- *When upgrading Time Navigator Server from 3.7 or 4.0.1 to version 4.1 you will need to rebuild the catalog.*

Time Navigator Operating system compatibility

	<i>Operating System</i>	<i>Platform / 32 bit, 64 bit</i>	<i>Server</i>	<i>Storage Node</i>	<i>Agent</i>	<i>Replica</i>	<i>Cluster</i>	<i>TN Release</i>
Time Navigator for AIX	4.3.3, 5.1, 5.2, 5.3	PPC / 32 bit		●	●		●	4.0.1
	AIX 4.3.3	PPC / 64 bit	●	●	●	●	●	4.1
	AIX 5.1	PPC / 64 bit	●	●	●	●	●	4.1
	AIX 5.2	PPC / 64 bit	●	●	●	●	●	4.1
	AIX 5.3	PPC / 64 bit	●	●	●	●	●	4.1
Time Navigator for Tru64 Unix	Tru64 5.0	Alpha / 64 bit	●	●	●	●	●	4.1
	Tru64 5.0a	Alpha / 64 bit	●	●	●	●	●	4.1
	Tru64 5.1	Alpha / 64 bit	●	●	●	●	●	4.1
	Tru64 5.1a	Alpha / 64 bit	●	●	●	●	●	4.1
	Tru64 5.1b	Alpha / 64 bit	●	●	●	●	●	4.1
Time Navigator for HP-UX ¹	HP-UX 11	PARISC / 32 bit		3.7.0.4	4.1p2464		●	-
	HP-UX 11i	PA-RISC / 64 bit	●	●	●	●	●	4.1
	HP-UX 11i v2	ia64 / 64 bit	●	●	●	●	●	4.1
	HP-UX 11i v3	ia64 / 64 bit	●	●	●	●	●	4.1 SP4
Time Navigator for Irix	IRIX 6.5.x	MIPS /32 bit		●	●			3.7.0.4
	IRIX 6.5.x	MIPS / 64 bit	●	●	●	●	●	4.1
Time Navigator for Solaris	Solaris 2.6, 7, 8	Sparc /32 bit		●	●		●	3.7.0.4
	Solaris 8, 9, 10 ²	Sparc / 64 bit	●	●	●	●	●	4.1
	Solaris 10	x64/ 64 bit	●	●	●	●	●	4.1 SP3
Time Navigator for Linux ³	Red Hat AS/ES 3.0	x86 / 32 bit		●	●	●	●	4.1
		x64 / 64 bit		●	●	●	●	4.1
		ia64 / 64 bit		●	●	●	●	4.1
	Red Hat AS/ES 4.0 ⁴	x86 / 32 bit		●	●	●	●	4.1
		x64 / 64 bit		●	●	●	●	4.1
Red Hat EL 5	PPC / 32 bit			●			4.1	
SuSE Enterprise Server 9	x86 / 32 bit		●	●	●	●	●	4.1 SP2
	x64 / 64 bit		●	●	●	●	●	4.1
	ia64 / 64 bit		●	●	●	●	●	4.1

¹ Official HP Enterprise Backup Solution Certification. Include HP Superdome & mid-range support.

² Solaris 10 supported with Solaris 9 features

³ Kernel 2.4.21 or 2.6.9 minimum required for Server and Storage Node

⁴ RedHat Enterprise Linux certified.

Time Navigator Operating System Compatibility (continued)

	Operating System	Platform / 32 bit, 64 bit	Server	Storage Node	Agent	Replica	Cluster	TN Release
Time Navigator for Linux (continued)	SuSE Enterprise Server 10	x86 / 32 bit x64 / 64 bit ia64 / 64 bit	●	●	●	●	●	4.1
	SGI Altix ProPack 4.0	ia64 / 64 bit	●	●	●	●		4.1
	Mandrake	x86 / 32 bit	●	●	●	●		4.1
	Debian	x86 / 32 bit	●	●	●	●		4.1
	Asianux	x86 / 32 bit	●	●	●	●		4.1
	Other Linux, kernel 2.4 or 2.6, glibc 2.3	x86 / 32 bit x64 / 64 bit ia64 / 64 bit			●	●		4.1
Time Navigator for Mac OS X ⁵	Mac OS X 10.3 Panther	PPC		Contact product@atempo.com				
	Mac OS X 10.4 Tiger	PPC	●	●	●	●		4.1
	Mac OS X 10.4 Tiger	x86 / 32 bit	●	●	●			4.1 p3000
	Mac OS X 10.5 Leopard	PPC	●	●	●	●		4.1 p3000
	Mac OS X 10.5 Leopard	x86 / 32 bit	●	●	●	●		4.1 p3000
Time Navigator for Windows (English, French, German, Spanish, Italian)	Windows NT SP6	x86 / 32 bit		●	●		●	3.7.0.4
	Windows 2000 Server and Advanced Server SP4	x86 / 32 bit	●	●	●	●	●	4.1
	Windows 2000 SAK ⁶	x86 / 32 bit		●	●	●		4.1
	Windows Server 2003	x86 / 32 bit	●	●	●	●	●	4.1
		x64 / 64 bit	●	●	●	●		4.1
		ia64 / 64 bit	●	●	●	●		4.1 p2389
	Windows Server 2003 R2	x86 / 32 bit	●	●	●	●	●	4.1
	Windows Storage Server 2003	x86 / 32 bit		●	●	●		4.1
		x64 / 64 bit			●	●		4.1 p2731
	Windows Storage Server 2003 R2 ⁷	x86 / 32 bit		●	●	●		4.1
	Windows XP SP2 Professional Edition	x86 / 32 bit			●			4.1
		x64 / 64 bit			●			4.1 p2731
Windows Vista ⁸	x86 / 32 bit			●			4.1 p2533	
	x64 / 64 bit			●			4.1 p2731	

⁵ XSAN 1.3 and 1.4 supported⁶ NAS platform with Windows⁷ Single Instance Storage (SIS) not supported⁸ System State Backup Not Supported

Time Navigator Operating System Compatibility (continued)

	Operating System	Platform / 32 bit, 64 bit	Server	Storage Node	Agent	Replica	Cluster	TN Release
Time Navigator Agent for IBM iSeries	OS/400 V5R2 (patch TL05123 and above)			●	●			4.1
	OS/400 V5R3			●	●			4.1
	OS/400 V5R4			●	●			4.1
Time Navigator Agent for VMS	Open VMS 7.2	Alpha			●		●	4.1 p2589
	Open VMS 7.3, 8.2	Alpha			●		●	4.0.1
Time Navigator Agent for Novell ⁹	Netware 5.0	x86 / 32 bit			●			4.1
	Netware 5.1	x86 / 32 bit			●			4.1
	Netware 6	x86 / 32 bit			●			4.1
	Netware 6.5	x86 / 32 bit			●		●	4.1
	Netware 6.5 OES	x86 / 32 bit			●		●	4.1
	SLES 9 OES	x86 / 32 bit	●	●	●			4.1
	SLES 10 OES	x86 / 32 bit	●	●	●			4.1
Time Navigator Agent for FreeBSD	FreeBSD 4.x	x86 / 32 bit			●			4.0.1
	FreeBSD 5.4	x86 / 32 bit			●			4.1
	FreeBSD 6.0	x86 / 32 bit			●			4.1
	FreeBSD 6.1	x86 / 32 bit			●			4.1
		x64 / 64 bit			●			4.1
VMware	Virtual Machine ¹⁰		●	●	●			4.1
	VMware ESX 3.0 ¹¹			●	●			4.1 p2592
	VMware ESX 3.0 using VCB		●	●	●			4.1 p2592

⁹ GroupWise 6.x supported on Netware¹⁰ FC Drive not supported¹¹ FC Drive not supported

Time Navigator Server Add-ons¹²

	Operating System
Server-to-server Communication	All Time Navigator Server platforms
Time Navigator Development Toolkit	All Time Navigator Server platforms
Time Navigator Command Line Toolkit	All Time Navigator Server platforms
Time Navigator for Archiving	All Time Navigator Server platforms

Time Navigator Storage Node Add-ons¹³

	Operating System	Platform
Time Navigator Storage Node Cluster	AIX 4.3.3 (64 bit)	PowerPC
	Tru64 5.0, 5.0a, 5.1, 5.1a, 5.1b	Alpha
	HP-UX 11i (64 bit)	HP 9000 series 700, 800
	Solaris 8, 9, 10 (64 bit)	Sparc
	Windows 2000 SP4 Server, Advanced Server	x86
	Windows 2003 Server and Enterprise Server, Windows Storage Server	x86

Web Interfaces¹⁴

	Server Operating System	HTTP Server	Client Web Browser
Web Supervision Interface	All Time Navigator Server operating systems	Apache 1.3.31, 2.0 and higher Microsoft IIS 5 and higher	Microsoft Internet Explorer 6.0 SP1 and higher Netscape Navigator 7 and higher
Web Restoration Interface	All Time Navigator Server operating systems	Apache 1.3.31, 2.0 and higher Microsoft IIS 5 and higher	Microsoft Internet Explorer 6.0 SP1 and higher Netscape Navigator 7 and higher

¹² For Shared Drive Option, see Storage Networking at end of this document.

¹³ For Shared Drive Option, see Storage Networking at end of this document.

¹⁴ Included in base product

Time Navigator Disaster Recovery

for Windows¹⁵

<i>Operating System</i>	<i>Vendor</i>	<i>Controller</i>	<i>Platform</i>	<i>TN Release</i>
Windows NT SP6	All vendors	All controllers	x86	3.7.0.4
Windows 2000	All vendors	All controllers	x86	4.1
Windows 2003	All vendors	All controllers	x86	4.1
Windows XP SP2	All vendors	All controllers	x86	4.1

¹⁵ Requires 256 MB of RAM

Time Navigator for NDMP

	<i>Operating System</i>	<i>Platform / 32 bit, 64 bit</i>	<i>NDMP Tape Server</i>	<i>NDMP Data Server</i>	<i>NDMP Agent</i>	<i>For NAS Product</i>
Time Navigator for NDMP on AIX	AIX 4.3.3	PPC / 32 bit	4.0.1		4.0.1	<ul style="list-style-type: none"> • NetApp Filers • Auspex NS 3000 only • BlueArc Silicon Server • EMC Celerra • Procom NetFORCE • SUN NAS StorEdge • Onstor • Agami • Pillar Data Storage (details on supported Release in the table at next page)
	AIX 5.1, 5.2, 5.3	PPC / 32 bit			4.0.1	
	AIX 4.3.3	PPC / 64 bit	●	●	●	
	AIX 5.1	PPC / 64 bit	●	●	●	
	AIX 5.2	PPC / 64 bit	●	●	●	
	AIX 5.3	PPC / 64 bit	●	●	●	
Time Navigator for NDMP on Tru64 Unix	Tru64 5.0	Alpha / 64 bit		●	●	
	Tru64 5.0a	Alpha / 64 bit		●	●	
	Tru64 5.1	Alpha / 64 bit		●	●	
	Tru64 5.1a	Alpha / 64 bit		●	●	
	Tru64 5.1b	Alpha / 64 bit		●	●	
Time Navigator for NDMP on HP-UX	HP-UX 11	PA-RISC / 32 bit			3.7.0.4	
	HP-UX 11i	PA-RISC / 64 bit	●	●	●	
	HP-UX 11i v2	ia64 / 64 bit			●	
	HP-UX 11i v3	ia64 / 64 bit			●	
Time Navigator for NDMP on Irix	IRIX 6.5.x	MIPS / 32 bit	3.7.0.4	3.7.0.4	3.7.0.4	
	IRIX 6.5.x	MIPS / 64 bit	●	●	●	
Time Navigator for NDMP on Solaris	Solaris 2.6, 7, 8	Sparc / 32 bit	4.0.1	3.7.0.4	4.0.1	
	Solaris 8, 9, 10	Sparc / 64 bit	●	●	●	
	Solaris 10	x64 / 64 bit	●	●	●	
Time Navigator for NDMP for Linux	Linux, kernel 2.4 or 2.6, glibc 2.2 or 2.3	x86 / 32 bit	●	●	●	
		x64 / 64 bit	●	●	●	
		ia64 / 64 bit	●	●	●	
		PPC / 32 bit		●	●	
	SGI Altix Pro-pack 4.0	ia64 / 64 bit	●	●	●	
SGI Altix Pro-pack 3.0	ia64 / 64 bit	3.7.0.4	3.7.0.4			
Time Navigator for NDMP for Mac OS	10.4, 10.5	PPC			●	
	10.4, 10.5	Intel	4.1 SP4 P3045	4.1 SP4 P3045		
Time Navigator for NDMP on Windows	Windows NT SP6	x86 / 32 bit	3.7.0.4		3.7.0.4	
	Windows 2000	x86 / 32 bit	●	●	●	
	Windows Server 2003	x86 / 32 bit	●	●	●	
	Windows Server 2003	x64 / 64 bit	●	●	●	

Time Navigator for NDMP (continued)**NAS Product**

	Operating System	Platform
Network Appliance	DataOntap 6.5, 7.0 ¹⁶ , 7.2	NetApp Filer
EMC	DART 5.2, 5.3, 5.4 ¹⁷ , 5.5	Celerra
AUSPEX	NetOS 4.0P3	NS3000
Agami	AgamiOS 1.2.x, 2.0.x, 2.1.x, 2.2.x	AIS
Onstor	EverON 3.1.0.2c	Bobcat
Pillar Data Systems	Axiom	

Time Navigator Serverless Solution

	Vendor	Product
Time Navigator for Enterprise Storage	EMC	TimeFinder
	Hitachi Data System	ShadowImage
	IBM	ESS Copy Services (FlashCopy)
	DataCore	SANsymphony
	Pillar Data Systems	Axiom 500

¹⁶ DataOntap 7.0.1R1P3D11 minimum¹⁷ DART 5.4.19.403 minimum

Database and Application

Time Navigator for Oracle¹⁸

	Operating System	Platform / 32 bit, 64 bit	Oracle Release							
			GUI				RMAN			
			9.0.1	9.2	10.1	10.2	9.0.1	9.2	10.1	10.2
Time Navigator for Oracle on AIX	AIX 4.3.3	PPC / 64 bit	●	●			●	●		
	AIX 5.1	PPC / 64 bit		●				●		
	AIX 5.2	PPC / 64 bit		●	●	●		●	●	●
	AIX 5.3	PPC / 64 bit		●	●	●		●	●	●
Time Navigator for Oracle on Tru64 Unix	Tru64 5.0	Alpha / 64 bit	●	●			●	●		
	Tru64 5.0a	Alpha / 64 bit	●	●			●	●		
	Tru64 5.1	Alpha / 64 bit	●	●			●	●		
	Tru64 5.1a	Alpha / 64 bit	●	●			●	●		
	Tru64 5.1b	Alpha / 64 bit	●	●			●	●		
Time Navigator for Oracle on HP-UX	HP-UX 11i	PA-RISC / 64 bit	●	●	●	●	●	●	●	●
	HP-UX 11i v2	ia64 / 64 bit		●	●	●		●	●	●
	HP-UX 11i v3	ia64 / 64 bit		●	●	●		●	●	●
Time Navigator for Oracle on Linux	Linux, kernel 2.4 or 2.6, glibc 2.2 or 2.3	x86 / 32 bit	●	●	●	●	●	●	●	●
		x64 / 64 bit		●	●	●		●	●	●
		ia64 / 64 bit		●	●	●		●	●	●
Time Navigator for Oracle on Mac OS X	Mac OS X 10.4 Tiger	PPC			●	●			●	●
Time Navigator for Oracle on Solaris	Solaris 8, 9, 10	Sparc / 64 bit	●	●	●	●	●	●	●	●
	Solaris 10	x64 / 64 bit			4.1p2523	4.1p2523			4.1p2523	4.1p2523
Time Navigator for Oracle on Windows	Windows 2000	x86 / 32 bit	●	●	●	●	●	●	●	●
	Windows Server 2003	x86 / 32 bit		●	●	●		●	●	●
		x64 / 64 bit			4.1p2533	4.1p2533			4.1p2550	4.1p2550
		ia64 / 64 bit			4.1p2550	4.1p2550		4.1p2580	4.1p2580	

¹⁸ For Oracle on Network Appliance Filer, see Serverless Solution at end of this document. 9i RAC and 10g RAC available in graphical mode with Professional Services

Database and Application (continued)**Time Navigator for Oracle¹⁹ (Continued)**

	Operating System	Platform / 32 bit, 64 bit	Oracle Release					
			GUI			RMAN		
			8.1.5	8.1.6	8.1.7	8.1.5	8.1.6	8.1.7
Time Navigator for Oracle on AIX	AIX 4.3.3	PPC / 32 bit,64 bit	4.0.1	4.0.1	4.0.1	4.0.1	4.0.1	4.0.1
	AIX 5.1	PPC / 32 bit	4.0.1	4.0.1	4.0.1	4.0.1	4.0.1	4.0.1
	AIX 5.2	PPC / 32 bit	4.0.1	4.0.1	4.0.1	4.0.1	4.0.1	4.0.1
	AIX 5.3	PPC / 32 bit	4.0.1	4.0.1	4.0.1	4.0.1	4.0.1	4.0.1
Time Navigator for Oracle on Tru64 Unix	Tru64 5.0	Alpha / 64 bit	4.0.1	4.0.1	4.0.1	4.0.1	4.0.1	4.0.1
	Tru64 5.0a	Alpha / 64 bit	4.0.1	4.0.1	4.0.1	4.0.1	4.0.1	4.0.1
	Tru64 5.1	Alpha / 64 bit	4.0.1	4.0.1	4.0.1	4.0.1	4.0.1	4.0.1
	Tru64 5.1a	Alpha / 64 bit	4.0.1	4.0.1	4.0.1	4.0.1	4.0.1	4.0.1
	Tru64 5.1b	Alpha / 64 bit	4.0.1	4.0.1	4.0.1	4.0.1	4.0.1	4.0.1
Time Navigator for Oracle on HP-UX	HP-UX 11	PARISC / 32 bit	3.7.0.4	3.7.0.4	3.7.0.4			
	HP-UX 11i	PA-RISC / 64 bit	4.0.1	4.0.1	4.0.1	4.0.1	4.0.1	4.0.1
Time Navigator for Oracle on Solaris	Solaris 2.6, 7, 8	Sparc / 32 bit	4.0.1	4.0.1	4.0.1	4.0.1	4.0.1	4.0.1
	Solaris 7,8	Sparc / 64 bit	4.0.1	4.0.1	4.0.1	4.0.1	4.0.1	4.0.1
Time Navigator for Oracle on Linux	Red Hat libc6.2 kernel 2.4	x86 / 32 bit	4.0.1	4.0.1	4.0.1	4.0.1	4.0.1	4.0.1
Time Navigator for Oracle on Windows	Windows NT SP6	x86 / 32 bit	3.7.0.4	3.7.0.4	3.7.0.4	3.7.0.4	3.7.0.4	3.7.0.4
	Windows Server 2000	x86 / 32 bit	4.0.1	4.0.1	4.0.1	4.0.1	4.0.1	4.0.1

Time Navigator for Oracle Add-on

Replica ²⁰	Database Release
Time Navigator Replica for Oracle	9.0.1, 9.2, 10.1, 10.2

¹⁹ For Oracle on Network Appliance Filer, see Serverless Solution at end of this document. 9i RAC and 10g RAC available in graphical mode with Professional Services

²⁰ Only available with supported Time Navigator for Oracle Agent. Not available with Rman Mode. Source and Target Operating System must be of same type (Windows to Windows, Aix to Aix...).

Database and Application (continued)**Time Navigator for DB2**

	Operating System	Platform / 32 bit, 64 bit	DB2 WE, EE Release ²¹								
			GUI				Command mode				
			7.2	8.1	8.2	9.1	6.1	7.2	8.1	8.2	
Time Navigator for DB2 on AIX	AIX 4.3.3, 5.1, 5.2	PPC / 32 bit	4.0.1					3.7.0.4	4.0.1		
	AIX 5.1	PPC / 64 bit		4.1 sp1	4.1 sp1					4.1 sp1	4.1 sp1
	AIX 5.2	PPC / 64 bit		4.1 sp1	4.1 sp1	4.1 SP4				4.1 sp1	4.1 sp1
Time Navigator for DB2 on Solaris	Solaris 2.6, 7, 8	Sparc / 32 bit	4.0.1						4.0.1		
	Solaris 8, 9, 10	Sparc / 64 bit	4.0.1	4.1 sp1	4.1 sp1				4.0.1	4.1 sp1	4.1 sp1
Time Navigator for DB2 on Linux	Linux Libc6.3 K 2.6	x86 / 32 bit		4.1 sp1	4.1 sp1	4.1 SP4				4.1 sp1	4.1 sp1
Time Navigator for DB2 on Windows	Windows NT SP6	x86 / 32 bit						3.7.0.4			
	Windows 2000	x86 / 32 bit	4.0.1	4.1 sp1	4.1 sp1			3.7.0.4	4.0.1	4.1 sp1	4.1 sp1
	Windows Server 2003	x86 / 32 bit		4.1 sp1	4.1 sp1	4.1 SP4				4.1 sp1	4.1 sp1
		x64 / 64 bit		4.1p25 13	4.1p2513	4.1 SP4				4.1p2513	4.1p2513

²¹ In case of DB2 V8, Fix Pack FP4 required

Database and Application (continued)**Time Navigator for SAP R/3® and SAP ECC® on Oracle**

	Operating System	Platform / 32 bit, 64 bit	SAP R/3® or SAP ECC® release			
			3.x	4.x	5.x	6.x
Time Navigator for R/3 on AIX	AIX 4.3.3	PPC / 64 bit	●	●	●	●
	AIX 5.1	PPC / 64 bit	●	●	●	●
	AIX 5.2	PPC / 64 bit	●	●	●	●
	AIX 5.3	PPC / 64 bit	●	●	●	●
Time Navigator for R/3 on Tru64 Unix	Tru64 5.0	Alpha / 64 bit	●	●	●	●
	Tru64 5.0a	Alpha / 64 bit	●	●	●	●
	Tru64 5.1	Alpha / 64 bit	●	●	●	●
	Tru64 5.1a	Alpha / 64 bit	●	●	●	●
	Tru64 5.1b	Alpha / 64 bit	●	●	●	●
Time Navigator for R/3 on HP-UX	HP-UX 11	PA-RISC / 32 bit	3.7.0.4	3.7.0.4	3.7.0.4	
	HP-UX 11i	PA-RISC / 64 bit	●	●	●	●
	HP-UX 11i v2	ia64 / 64 bit	●	●	●	●
	HP-UX 11i v3	ia64 / 64 bit	●	●	●	●
Time Navigator for R/3 on Linux	Red Hat Libc6.2, 6.3 Kernel 2.4, 2.6	x86 / 32 bit	●	●	●	●
	Red Hat AS 3.0, 4.0	x64 / 64 bit	●	●	●	●
	Red Hat AS 3.0, 4.0	ia64 / 64 bit	●	●	●	●
Time Navigator for R/3 on Solaris	Solaris 2.6, 7, 8	Sparc / 32 bit	4.0.1	4.0.1	4.0.1	
	Solaris 7, 8, 9, 10	Sparc / 64 bit	●	●	●	●
Time Navigator for R/3 on Windows	Windows NT SP6	x86 / 32 bit	3.7.0.4	3.7.0.4	3.7.0.4	
	Windows 2000	x86 / 32 bit	●	●	●	●
	Windows Server 2003	x86 / 32 bit	●	●	●	●
		x64 / 64 bit	4.1p2696	4.1p2696	4.1p2696	4.1p2696
		ia64 / 64 bit	4.1p2696	4.1p2696	4.1p2696	4.1p2696

Database and Application (continued)**Sybase ASE**

	Operating System	Platform / 32 bit, 64 bit	Sybase ASE Release			
			12.0		12.5	
			GUI	Toolkit	GUI	Toolkit
Time Navigator for Sybase on AIX	AIX 4.3.3	PPC / 32 bit	4.0.1		4.0.1	4.0.1
	AIX 5.1	PPC / 64 bit			●	●
	AIX 5.2	PPC / 64 bit			●	●
	AIX 5.3	PPC / 64 bit			●	●
Time Navigator for Sybase on Tru64 Unix	Tru64 5.0	Alpha / 64 bit			●	●
	Tru64 5.0a	Alpha / 64 bit			●	●
	Tru64 5.1	Alpha / 64 bit			●	●
	Tru64 5.1a	Alpha / 64 bit			●	●
	Tru64 5.1b	Alpha / 64 bit			●	●
Time Navigator fro Sybase on HPUX	HPUX 11i	PARISC / 64 bit	4.0.1			
Time Navigator for Sybase on Linux	Red Hat libc6.2 Kernel 2.4	x86 / 64 bit			●	●
Time Navigator for Sybase on Solaris	Solaris 2.6, 7, 8	Sparc / 32 bit		4.0.1	4.0.1	
	Solaris 8, 9, 10	Sparc / 64 bit			●	●
Time Navigator for Sybase on Windows	Windows 2000	x86 / 32 bit	●	●	●	●
	Windows 2003	x86 / 32 bit			●	●

Database and Application (continued)**Time Navigator for Lotus Notes / Domino**

	Operating System	Platform / 32 bit, 64 bit	Lotus Notes / Domino Release				
			5.02, 5.08, 5.09, 5.10, 5.11	6	6.5	7	8
Time Navigator for Notes	Windows 2000	x86 / 32 bit	●	●	●	●	
	Windows 2003	x86 / 32 bit			●	●	<i>In progress</i>
	Windows 2003	x64 / 64 bit			●	●	<i>In progress</i>
	AIX 5.2	PPC / 32 bit					<i>In progress</i>
	AIX 5.3	PPC / 32 bit				<i>In progress</i>	<i>In progress</i>

Microsoft Database and Application

Time Navigator for Microsoft Exchange

	Operating System	Platform / 32 bit, 64 bit	Exchange Release						
			Exchange Server 5.5	Exchange Server 2000	Exchange Server 2003 VSS	Exchange Server 2007 VSS			
Time Navigator for Exchange	Windows NT SP6	x86 / 32 bit	3.7.0.4						
	Windows 2000	x86 / 32 bit	4.0.1	●	●				
	Windows 2003	x86 / 32 bit		●	●	●			
		x64 / 64 bit						4.1p2631	4.1 SP3

Time Navigator Single Email Restore (SER) for Microsoft Exchange

	Operating System	Platform / 32 bit, 64 bit	Exchange Release		
			Exchange Server 2000	Exchange Server 2003	Exchange Server 2007
Time Navigator for Exchange	Windows 2000	x86 / 32 bit	●	●	
	Windows 2003	x86 / 32 bit	●	●	
		x64 / 64 bit			

Microsoft Database and Application (continued)

Time Navigator for Microsoft SQL Server

	Operating System	Platform / 32 bit, 64 bit	SQL Server Release		
			SQL Server 7	SQL Server 2000 SP3	SQL Server 2005
Time Navigator for SQL Server	Windows NT SP6	x86 / 32 bit	3.7.0.4		
	Windows 2000	x86 / 32 bit	3.7.0.4	●	
	Windows 2003	x86 / 32 bit		●	
		x64 / 64 bit			●
		ia64 / 64 bit		4.1p2802	4.1p2802

Time Navigator for Microsoft Office SharePoint Server

	Operating System	Platform / 32 bit, 64 bit	Sharepoint Server 2007
Time Navigator for Sharepoint Server	Windows 2003	x86 / 32 bit	4.1 SP4
	Windows 2003	x64 / 64 bit	4.1 SP4

Time Navigator SnapBackup

<i>Snapshot Technology</i>	<i>Available for</i>	<i>Remark</i>
Microsoft VSS	Time Navigator Agent for Windows 2003	x86 platform only
	Time Navigator for Microsoft Exchange	MS Exchange 2003 only
	Time Navigator for Oracle	Not available with Rman mode
NetApp Snapshot	Time Navigator Agent for NDMP	For NetApp Filer only
	Time Navigator for Oracle	For NetApp Filer only
NetApp Snapvault	Time Navigator Agent for NDMP	For NetApp Filer Only
Engenio	Time Navigator Agent for Linux	x86 platform only

Time Navigator Security & Compliance Manager

Server / Storage Node / Agent²²	Operating System²³	Platform
Time Navigator SCM for Solaris	8 [patch 112438] , 9, 10 (64 bit)	Sparc
Time Navigator SCM for AIX	5.2, 5.3 (64bit)	PowerPC
Time Navigator SCM for HPUX	11i [KRNG 11i] (64 bit)	HP
Time Navigator SCM for IRIX	6.5.19 (64bit)	SGI
Time Navigator SCM for Linux	Libc6.2, Libc6.3 Kernel 2.4 and 2.6: <ul style="list-style-type: none"> • Red Hat Linux, Mandrake and Suse 	x86 x64 ia64
Time Navigator SCM for FreeBSD	4.x, 5.4	x86
Time Navigator SCM for Mac OS X	10.3, 10.4	PowerC
Time Navigator SCM for Windows 2000 SP4	Professional, Server and Advanced Server (English, French, German, Spanish, Italian)	x86
Time Navigator SCM for Windows 2003	Server (English, French, German, Spanish, Italian)	x86
Time Navigator SCM for Windows XP SP2	Windows 2000 Professional Edition (English, French, German, Spanish, Italian)	x86

²² For Time Navigator Agent support details (patch version requested...) please see the Server - Storage Node – Agent support tables.

²³ For every Unix Edition, /dev/random, /dev/nrandom, /dev/urandom are needed (random number generator)

Security & Compliance Manager (continued)

With Oracle Database²⁴²⁵	Database Release	Operating System	Platform
Time Navigator SCM for Oracle on AIX	9.2, 10.1, 10.2	5.2, 5.3 (64 bit)	PowerPC
Time Navigator SCM for Oracle on HP-UX	9.01, 9.2, 10.1, 10.2	11i (64 bit)	HP 9000 series 700, 800
Time Navigator SCM for Oracle on Solaris	9.01, 9.2, 10.1	Solaris 8, 9, 10 (64 bit)	Sparc
Time Navigator SCM for Oracle on Linux	8.1.5, 8.1.6, 8.1.7, 9.01, 9.2, 10.1, 10.2	Red Hat with libc 6.2 and Kernel 2.4	x86
Time Navigator SCM for Oracle on Mac OS X	10.1, 10.2	Mac OS X 10.3, 10.4	PowerPC
Time Navigator SCM for Oracle on Windows	9.01	Windows 2000	x86
	9.2	Windows 2000, Windows 2003	x86
	10.1, 10.2	Windows 2003	x86

With SAP R/3® on Oracle²⁶	Database Release	Operating System	Platform
Time Navigator SCM for R/3 on AIX	R/3 3.x, 4.x, 5.x on Oracle	AIX 5.2, 5.3	PowerPc
Time Navigator SCM for R/3 on HP-UX	R/3 3.x, 4.x, 5.x on Oracle	HP-UX 11i (64 bit)	HP
Time Navigator SCM for R/3 on Solaris	R/3 3.x, 4.x, 5.x on Oracle	Solaris 8, 9, 10 (64 bit)	Sparc
Time Navigator SCM for R/3 on Linux	R/3 3.x, 4.x, 5.x on Oracle	Red Hat with libc6.2 and libc6.3 Kernel 2.4 and 2.6	x86
Time Navigator SCM for R/3 on Windows	R/3 3.x, 4.x, 5.x on Oracle	Windows 2000, Windows 2003	x86

²⁴ For Time Navigator for Oracle support details (as RMAN only supported...) please see the Database support table

²⁵ For backup method where database rather than the Time Navigator agent collects the data, SCM is implemented with some limitations.

²⁶ For backup method where database rather than the Time Navigator agent collects the data, SCM is implemented with some limitations.

Security & Compliance Manager (continued)

With Lotus Notes / Domino	Database Release	Operating System	Platform
Time Navigator SCM for Notes	Notes 5.02, 5.08, 5.09, 5.10, 5.11	Windows 2000	x86
	Notes 6	Windows 2000	x86
	Notes 6.5	Windows 2000 and Windows 2003	x86

With Sybase ASE	Database Release	Operating System	Platform
Time Navigator SCM for Sybase	Sybase 12.0	Windows 2000	x86
		AIX 5.2, 5.3 (64 bit)	PowerPC
	Sybase 12.5	Solaris 8, 9, 10(64 bit)	Sparc
		Linux Red Hat with libc6.2 and kernel 2.4	x86
		Windows 2000, Windows 2003	x86
Time Navigator SCM for Toolkit for Sybase ²⁷	Sybase 12.0	HPUX 11i (64 bit)	HP
		Windows 2000	x86
	Sybase 12.5	Windows 2000	x86
		AIX 5.2, 5.3 (64 bit)	PowerPC

With MS Exchange	Database Release	Operating System	Platform
Time Navigator SCM for MS Exchange	MS Exchange Server 2000	Windows 2000	x86
	MS Exchange Server 2003	Windows 2000 and Windows 2003	x86
Time Navigator SCM for MS Exchange with Microsoft VSS	MS Exchange Server 2003	Windows 2003	x86

With MS SQL Server	Database Release	Operating System	Platform
Time Navigator SCM for MS SQL Server	MS SQL Server 2000 SP3	Windows 2000, Windows 2003	x86
	MS SQL Server 2005	Windows 2003	x86

²⁷ For backup method where database rather than the Time Navigator agent collects the data, SCM is implemented with some limitations.

Automated Library Management

Drive Support²⁸²⁹

Caution: the information below is valid for drives only. The compatibility between the libraries and the operating system is displayed in the “Library Support” table. You need to check both the “Drive Support” and the “Library Support” tables. To ensure support of the backup hardware, the library itself and each kind of drive it uses must be supported by the operating system(s) of the servers(s) it will be connected to.

Example:

Is it possible to use a StorageTek L80 with DLT and SuperDLT drives with a Time Navigator backup server running on Windows 2000?

→ Yes: the “Drive Support” table shows that both the DLT and the SuperDLT are supported on Windows 2000, and the “Library Support” table shows that the StorageTek L80 is also supported on Windows 2000.

What if I use this library in a SAN environment, shared among Windows 2000, Linux, and Solaris servers?

→ You need to check if the L80, the DLT, and the SuperDLT are respectively supported on Windows 2000, Linux, and Solaris.

Disclaimer: the information about drive support hereafter is strictly related to the hardware manufacturers. No support can be assumed for any OEM version that might exist.

●	= available (certified)
○	= available (supported)

Technology	Model	Connection	Worm	HP UX	IBM AIX	SUN Solaris	Tru64 Unix	SGI Irix	Linux ³⁰	Mac OS X	Windows	TN Release
Disk Drive	Atempo Disk Drive Connection	SCSI		●	●	●	●	●	●		●	4.1
		FC		●	●	●	●	●	●		●	4.1
9840 StorageTek	9840A	SCSI		●	●	●	●	●	●		●	4.1
	9840B	FC		●	●	●	●		●		●	4.1
9940 StorageTek	9940A	SCSI		●	●	●	●	●			●	4.1
	9940B	FC		●	●	●	●		●		●	4.1
T10000 Storage Tek	T10000-A	FC		●	●	●			●			4.1p2666
IBM	TS1120	FC	●	●	●	●	●	●	●	●	●	4.1 SP4

²⁸ For Shared Drive Option, see Storage Networking at end of this document

²⁹ WORM technology is not supported except those indicated in the Worm table

³⁰ IBM drivers for Linux not supported

Drive Support (continued)

●	= available (certified)
○	= available (supported)

Technology	Model	Connection	Worm	HP UX	IBM AIX	SUN Solaris	Tru64 Unix	SGI Irix	Linux ³¹	Mac OS X	Windows	TN Release	
AIT	AIT-1	SCSI		●	●	●	●	●	●		●	4.1	
	AIT-2	SCSI		● HP-UX 11 only	●	●		●	●		●	4.1	
	AIT-3	SCSI	●	●	●	●		●	●	●	●	4.1	
	AIT-4	SCSI		●	●	●		●	●	●	●	●	4.1
		FC		○	○	○		○	○	○	○	○	4.1
	AIT-5	SCSI		○	○	○		○	○	○	○	○	4.1
		FC		○	○	○		○	○	○	○	○	4.1
	S-AIT	SCSI		●	●	●		●	●	●	●	●	4.1
		FC		○	○	○		○	○	○	○	○	4.1
	Sony AIT1 Turbo	SCSI		●	●	●	●	●	●	●	●	●	4.1
	Sony AIT2 Turbo	SCSI		●	●	●	●	●	●	●	●	●	4.1
Sony AITE Turbo	SCSI		●	●	●	●	●	●	●	●	●	4.1	
DDS	DDS-2	SCSI		●	●	●	●	●	●		●	4.1	
	DDS-3	SCSI		●	●	●	●	●	●		●	4.1	
	DDS-4	SCSI		●	●	●	●	●	●		●	4.1	
	DDS-5	SCSI		●	●	●	●	●	●		●	4.1	
	DLT	DLT 4000	SCSI		●	●	●	●	●	●		●	4.1
DLT 7000	SCSI		●	●	●	●	●	●	●		●	4.1	
	Ethernet		●	●	●	●	●	●	●		●	4.1	
DLT 8000	SCSI		●	●	●	●	●	●	●		●	4.1	
Quantum DLT-V4	SCSI		●	●	●	●	●	●	●	●	●	4.1	
VS80 Benchmark DLT-1	SCSI		●	●	●	●	●	●	●		●	4.1	
HP VS80	SCSI		●	●	●			●			●	4.1p2666	
VS160	SCSI		●	●	●			●			●	4.1	

³¹ IBM drivers for Linux not supported

Drive Support (continued)

●	= available (certified)
○	= available (supported)

Technology	Model	Connection	Worm	HP UX	IBM AIX	SUN Solaris	Tru64 Unix	SGI Irix	Linux ³²	Mac OS X	Windows	TN Release	
DLT (Continued)	SuperDLT firmware v36 or later	SCSI		●	●	●	●	●	●		●	4.1	
		Ethernet		●	●	●	●	●	●		●	4.1	
	SuperDLT 320	SCSI		●	●	●	●	●	●	●	●	4.1	
	SuperDLT 600	SCSI		●	●	●	●	●	●		●	4.1	
		FC		○	○	○		○	○			○	4.1
	DLT-S4	SCSI			●	●	●	●	●	●	●	●	4.1
FC				○	○	○	○	○	○	○	○	4.1	
DTF-2	Sony DTF-2	SCSI		●	●	●	●	●	●		●	4.1	
DVD	DVD-RAM	SCSI									● ³³	4.1p2748	
LTO Ultrium	HP LTO-1 Ultrium 215/230/232	SCSI		●	●	●	●	●	●	●	●	4.1	
		FC		○	○	○	○		○		○	4.1	
	HP LTO-2 Ultrium 448/460	SCSI		●	●	●	●	●	●		●	4.1	
		FC		○	○	○	○		○		○	4.1	
	HP LTO-2 Ultrium 448	SAS							●		●	4.1	
	HP LTO-3 Ultrium 920 / 960 / 960 4GB	SCSI	●	●	●	●	●	●	●	●	●	●	4.1
		FC	●	●	●	●	●	●	●	●	●	●	4.1
	HP LTO-3 Ultrium 920	SAS	●						●		●	4.1	
	HP LTO-4 Ultrium 1840	SCSI	●	●	●	●	●	●	●	●	●	●	4.1p2852
		FC	●	○	○	○	○	○	○	○	○	○	4.1p2852
	IBM LTO-1 Ultrium	SCSI			●	●	●		●	●	●	●	4.1
		FC			●	●	●		●	●	●	●	4.1
	IBM LTO-2 Ultrium	SCSI			●	●	●			●	●	●	4.1
		FC			●	●	●		●	●	●	●	4.1
	IBM LTO-3 Ultrium	SCSI	●	●	●	●	●	●		●	●	●	4.1
		FC	●	○	○	○	○	○		○	○	○	4.1
IBM LTO-4 Ultrium	SCSI	●	○	○	○	○		○	○	○	○	4.1p2852	
	FC	●	●	●	●	●		●	●	●	●	4.1p2852	

³² IBM drivers for Linux not supported³³ supported on Windows 2003

Drive Support (continued)

●	= available
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Technology	Model	Connection	Worm	HP UX	IBM AIX	SUN Solaris	Tru64 Unix	SGI Irix	Linux ³⁴	Mac OS X	Windows	TN Release
LTO Ultrium (continued)	Quantum LTO-2	SCSI		●	●	●	●	●	●	●	●	4.1p2666
	Quantum LTO-3	SCSI		●	●	●	●	●	●	●	●	4.1
	Seagate LTO-1 Ultrium (Viper)	SCSI		●	●	●			●		●	4.1
	Tandberg 420LTO	SCSI		●	●	●	●	●	●	●	●	4.1p2666
Magneto-Optical ³⁵	Magneto-Optical 2.6GB	SCSI		●	●	●	●	●			●	4.1
	Magneto-Optical 5.2GB	SCSI		●	●	●	●	●			●	4.1
	Magneto-Optical 9.1GB	SCSI			●	●	●	●			●	4.1
	Sony F551	SCSI		●	●	●	●	●			●	4.1
	Sony F561 9.1GB	SCSI			●	●	●	●			●	4.1
IBM	IBM 3590 B1A and E1A	SCSI			●							4.1
	IBM 3592 J1A	FC	●	●	●	●	●	●	●	●	●	4.1
	IBM TS1120	FC	●	●	●	●	●	●	●	●	●	4.1p3041
Mammoth	Exabyte Mammoth	SCSI			●	●			●		●	4.1
	Exabyte Mammoth 2 (M2)	SCSI		●	●	●	●	●	●	●	●	4.1
		FC			●	●	●	●	●	●	●	4.1
SLR Tandberg	DLT-V4	SCSI		●	●	●	●	●	●	●	●	4.1
	SLR 32	SCSI		●	●	●	●	●	●		●	4.1
	SLR 50	SCSI			●	●	●	●	●		●	4.1
	SLR 100	SCSI		●	●	●	●	●	●		●	4.1
	SLR 140	SCSI			●	●		●	●		●	4.1
UDO	Plasmon UDO	SCSI	●	●	●	●	●	●			●	4.1
	Plasmon UDO-2	SCSI	●	●	●	●	●	●			●	4.1p3041
VXA	Ecix VXA	SCSI		●	●	●	●	●	●		●	4.1
		SCSI		●	●	●	●	●	●	●	●	4.1
	Exabyte VXA-2	SCSI		●	●	●	●	●	●	●	●	4.1
		Firewire									●	4.1
Exabyte VXA-3	SCSI		●	●	●	●	●	●	●	●	4.1	

³⁴ IBM drivers for Linux not supported³⁵ Support only robotized or automatic double-face

Library Support

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What if I use this library in a SAN environment, shared among Windows 2000, Linux, and Solaris servers?

→ You need to check if the L80, the DLT, and the SuperDLT are respectively supported on Windows 2000, Linux, and Solaris.

Disclaimer: the information about library support hereafter is strictly related to the hardware manufacturers. No support can be assumed for any OEM version that might exist.

= available

Manufacturer	Model	HP UX	IBM AIX	SUN Solaris ³⁶	Tru64 Unix	SGI Irix	Linux	Mac OS X	Windows	TN Release
ADIC	1200	●	●	●	●	●	●	●		4.1
	FastStor	●	●	●	●	●	●	●	●	4.1
	FastStor 2	●	●	●	●	●	●	●	●	4.1
	Scalar 24 ³⁷	●	●	●	●	●	●	●	●	4.1
	Scalar 100	●	●	●	●	●	●	●	●	4.1
	Scalar 218	●	●	●	●	●	●	●	●	4.1
	Scalar 220	●	●	●	●	●	●	●	●	4.1
	Scalar 234	●	●	●	●	●	●	●	●	4.1
	Scalar 458	●	●	●	●	●	●	●	●	4.1
	Scalar 480	●	●	●	●	●	●	●	●	4.1
	Scalar 1000	●	●	●	●	●	●	●	●	4.1
	Scalar i500	●	●	●	●	●	●	●	●	4.1

³⁶ In case of Fiber channel attachment, supported only with persistent binding. Dynamic binding not supported.

³⁷ iScsi supported.

Library Support (continued)

● = available

Manufacturer	Model	HP UX	IBM AIX	SUN Solaris ³⁸	Tru64 Unix	SGI Irix	Linux	Mac OS X	Windows	TN Release
ADIC (Continued)	Scalar i2000	●	●	●	●	●	●	●	●	4.1
	Scalar 10K	●	●	●	●	●	●	●	●	4.1
	VLS 4	●	●	●	●	●	●	●		4.1
	VLS 8	●	●	●	●	●	●	●		4.1
BDT Solutions	Autoloader Thinstor	●	●	●	●	●	●	●		4.1
Breece Hill	Q16	●	●	●		●	●	●	●	4.1
	Q2.15	●	●	●		●	●	●	●	4.1
	Q40	●	●	●		●	●	●	●	4.1
	Q4.30/50	●	●	●		●	●	●	●	4.1
	Q47	●	●	●		●	●	●	●	4.1
	Q6.100	●	●	●		●	●	●	●	4.1
	Q7	●	●	●		●	●	●	●	4.1

³⁸ In case of Fiber channel attachment, supported only with persistent binding. Dynamic binding not supported.

Library Support (continued)

●	= available
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Manufacturer	Model	HP UX	IBM AIX	SUN Solaris ³⁹	Tru64 Unix	SGI Irix	Linux	Mac OS X	Windows	TN Release
Compaq	SSL 2000 Series	●	●	●	●	●	●	●	●	4.1
	MSL 5000 series	●	●	●	●	●	●	●	●	4.1
	TL 810 / 812	●	●	●	●	●	●	●	●	4.1
	TL 820 / 822	●	●	●	●	●	●	●	●	4.1
	TL 881 / 891	●	●	●	●	●	●	●	●	4.1
	TL 895				●					4.1
	TZ 875 / TZ 885				●		●	●	●	4.1
	TZ 877 / TZ 887	●		●	●		●	●	●	4.1
	TLS 10000	●	●	●	●	●	●	●	●	4.1
	Autoloader DAT 20/40	●	●	●	●	●	●	●	●	4.1
	SuperLoader 1280	●	●	●	●	●	●	●	●	4.1
Dell	120T	●	●	●	●	●	●	●	●	4.1
	122T	●	●	●	●	●	●	●	●	4.1
	124T	●	●	●	●	●	●	●	●	4.1
	128T	●	●	●	●	●	●	●	●	4.1
	130T	●	●	●	●	●	●	●	●	4.1
	132T	●	●	●	●	●	●	●	●	4.1
	136T	●	●	●	●	●	●	●	●	4.1
	160T	●	●	●	●	●	●	●	●	4.1
	ML6000 Series	●	●	●	●	●	●	●	●	4.1p2535
	TL2000	●	●	●	●	●	●	●	●	4.1p2666
	TL4000	●	●	●	●	●	●	●	●	4.1p2666

³⁹ In case of Fiber channel attachment, supported only with persistent binding. Dynamic binding not supported.

Library Support (continued)

●	= available
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Manufacturer	Model	HP UX	IBM AIX	SUN Solaris ⁴⁰	Tru64 Unix	SGI Irix	Linux	Mac OS X	Windows	TN Release
Ecrix	AutoPak 15 / 30	●	●	●	●	●	●	●	●	4.1
Exabyte	230 D	●	●	●	●	●	●	●	●	4.1
	690 D	●	●	●	●	●	●	●	●	4.1
	Exb 10 E / 10 H / 10 I	●	●	●	●	●	●	●	●	4.1
	Exb 17D	●	●	●	●	●	●	●	●	4.1
	Exb 18D	●	●	●	●	●	●	●	●	4.1
	Exb 110	●	●	●	●	●	●	●	●	4.1
	Exb 210	●	●	●	●	●	●	●	●	4.1
	Exb 215 / 218	●	●	●	●	●	●	●	●	4.1
	Exb 220 / 440 / 480	●	●	●	●	●	●	●	●	4.1
	Exb 221	●	●	●	●	●	●	●	●	4.1
	Exb 430	●	●	●	●	●	●	●	●	4.1
	Exb 608	●	●	●	●	●	●	●	●	4.1
	Exb EZ17	●	●	●	●	●	●	●	●	4.1
	X200	●	●	●	●	●	●	●	●	4.1
	X80	●	●	●	●	●	●	●	●	4.1
	Autopak	●	●	●	●	●	●	●	●	4.1
	Magnum 1x7	●	●	●	●	●	●	●	●	4.1
	Magnum 8x143 ⁴¹	●	●	●	●	●	●	●	●	4.1
	Magnum 224	●	●	●	●	●	●	●	●	4.1
	Magnum 448	●	●	●	●	●	●	●	●	4.1
VXA2 Packetloader 1x10 1U	●	●	●	●	●	●	● ⁴²	●	4.1	
VXA3 Packetloader 1x10 1U	●	●	●	●	●	●	●	●	4.1	
Fujitsu	LT160	●	●	●	●	●	●	●	●	4.1
Fujitsu-Siemens	FibreCAT TX24	●	●	●	●	●	●	●	●	4.1p2666
	FibreCAT TX48	●	●	●	●	●	●	●	●	4.1 p2802
Grau Data Storage	Infinistore <small>(Library Sharing Module not supported)</small>	●	●	●	●	●	●	●	●	4.1
	ITL Series	●	●	●	●	●	●	●	●	4.1

⁴⁰ In case of Fiber channel attachment, supported only with persistent binding. Dynamic binding not supported.

⁴¹ Library Partition is supported

⁴² Firewire supported

Library Support (continued)

●	= available
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Manufacturer	Model	HP UX	IBM AIX	SUN Solaris ⁴³	Tru64 Unix	SGI Irix	Linux	Max OS X	Windows	TN Release
HP	100st / 200fx	●	●	●	●	●			●	4.1
	165st / 330fx	●	●	●	●	●			●	4.1
	20xt / 40fx	●	●	●	●	●			●	4.1
	300st / 600fx	●	●	●	●	●			●	4.1
	40st / 80fx	●	●	●	●	●			●	4.1
	80st / 160fx	●	●	●	●	●			●	4.1
	80ex / 125ex / 160ex / 320ex 330ex / 400ex / 660ex / 1200ex	●	●	●	●	●			●	4.1
	220mx / 300mx / 600mx, 700mx / 1200mx / 2200mx	●	●	●	●	●			●	4.1
	4/48 (2/28, 2/48)	●	●	●	●	●	●	●	●	4.1
	4115 / 4215	●	●	●	●	●	●	●	●	4.1
	418 / 718 / 818	●	●	●	●	●	●	●	●	4.1
	7115 / 7215	●	●	●	●	●	●	●	●	4.1

⁴³ In case of Fiber channel attachment, supported only with persistent binding. Dynamic binding not supported.

Library Support (continued)

●	= available
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Manufacturer	Model	HP UX	IBM AIX	SUN Solaris ⁴⁴	Tru64 Unix	SGI Irix	Linux	Max OS X	Windows	TN Release
HP (continued)	StorageWorks 1/8	●	●	●	●	●	●	●	●	4.1
	StorageWorks 1/8 G2	●	●	●	●	●	●	●	●	4.1p2852
	StorageWorks EML E-Series	●	●	●	●	●	●	●	●	4.1
	StorageWorks ESL 9000 Series	●	●	●	●	●	●	●	●	4.1
	StorageWorks ESL E-Series	●	●	●	●	●	●	●	●	4.1
	StorageWorks MSL 2024/4048	●	●	●	●	●	●	●	●	4.1
	StorageWorks MSL 5000, 6000 Series	●	●	●	●	●	●	●	●	4.1
	StorageWorks MSL 8096	●	●	●	●	●	●	●	●	4.1p2852
	StorageWorks SSL1016	●	●	●	●	●	●	●	●	4.1
	SureStore 2/20 4/40 6/60	●	●	●	●	●	●	●	●	4.1
	SureStore 10/180	●	●	●	●	●	●	●	●	4.1
	SureStore 20/700	●	●	●	●	●	●	●	●	4.1
	SureStore 24x6 / 40x6	●	●	●	●	●	●	●	●	4.1
	SureStore 1/8	●	●	●	●	●	●	●	●	4.1
	SureStore 1/9	●	●	●	●	●	●	●	●	4.1
IBM	7331		●				●	●		4.1
	7332		●				●	●		4.1
	7337 DLT Library	●	●	●		●	●	●	●	4.1
	MP 3570		●	●					●	4.1
	MP 3575		●	●					●	4.1
	TS3100	●	●	●	●	●	●	●	●	4.1
	TS3200	●	●	●	●	●	●	●	●	4.1
	TS3310	●	●	●	●	●	●	●	●	4.1
	TS3500	●	●	●	●	●	●	●	●	4.1

⁴⁴ In case of Fiber channel attachment, supported only with persistent binding. Dynamic binding not supported.

Library Support (continued)

● = available

Manufacturer	Model	HP UX	IBM AIX	SUN Solaris ⁴⁵	Tru64 Unix	SGI Irix	Linux	Mac OS X	Windows	TN Release
IBM (continued)	3581	●	●	●	●	●	●	●	●	4.1
	3582	●	●	●	●	●	●	●	●	4.1
	3583	●	●	●	●	●	●	●	●	4.1
	3584	●	●	●	●	●	●	●	●	4.1
	3600 R20	●	●	●	●	●	●	●	●	4.1
	3623 LX	●	●	●	●	●	●	●	●	4.1
	4560	●	●	●	●	●	●	●	●	4.1
M4 Data	MagFile	●	●	●	●	●	●	●	●	4.1
Nec	T40A	●	●	●	●	●	●	●	●	4.1
	T16A	●	●	●	●	●	●	●	●	4.1
Overland Storage	Arcvault	●	●	●	●	●	●	●	●	4.1p2666
	L4960E	●								4.1
	LibraryPro	●	●	●	●	●	●	●	●	4.1
LoaderXpress	LXB / LXG / LXC	●	●	●	●	●	●	●	●	4.1
	LXS / LXL	●	●	●	●	●	●	●	●	4.1
PowerLoader	LXM	●	●	●	●	●	●	●	●	4.1
Neo Series	NEO 2000 ⁴⁶ , 4000, 8000	●	●	●	●	●	●	●	●	4.1
Plasmon	MP – Series			●					●	4.1
	MP – Subsystem		●	●					●	4.1
	M-Series	●	●	●	●	●			●	4.1
	G-Series	●	●	●	●	●	●	●	●	4.1
	Gx-Series	●	●	●	●	●	●	●	●	4.1p3041
	LTO 10.1	●	●	●	●	●	●	●	●	4.1
	LTO 21.2	●	●	●	●	●	●	●	●	4.1
	LTO 100.6	●	●	●	●	●	●	●	●	4.1
Qualstar	RLS Series	●	●	●	●	●	●	●	●	4.1
	TLS Series	●	●	●	●	●	●	●	●	4.1
	XLS Series	●	●	●	●	●	●	●	●	4.1p2802

⁴⁵ In case of Fiber channel attachment, supported only with persistent binding. Dynamic binding not supported.

⁴⁶ Library Partition Option includes

Library Support (continued)

●	= available
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Manufacturer	Model	HP UX	IBM AIX	SUN Solaris ⁴⁷	Tru64 Unix	SGI Irix	Linux	Mac OS X	Windows	TN Release
Quantum	2500(xt)/4500	●	●	●	●	●	●	●	●	4.1
	2700(xt)/4700	●	●	●	●	●	●	●	●	4.1
	DLT Stor			●		●	●	●	●	4.1
	SuperLoader	●	●	●	●	●	●	●	●	4.1
	SuperLoader 3	●	●	●	●	●	●	●	●	4.1
	ValueLoader	●	●	●	●	●	●	●	●	4.1
	DX30	●	●	●	●	●	●	●	●	4.1
	PX500 Series	●	●	●	●	●	●	●	●	4.1
	PX720	●	●	●	●	●	●	●	●	4.1
Quantum ATL	Quantum ATL 2640	●	●	●	●	●	●	●	●	4.1
	Quantum ATL 4/52	●	●	●	●	●	●	●	●	4.1
	Quantum ATL 7/100	●	●	●	●	●	●	●	●	4.1
	M1500	●	●	●	●	●	●	●	●	4.1
	M2500	●	●	●	●	●	●	●	●	4.1
	P 1000	●	●	●	●	●	●	●	●	4.1
	P 2000	●	●	●	●	●	●	●	●	4.1
	P 3000	●	●	●	●	●	●	●	●	4.1
	P 4000	●	●	●	●	●	●	●	●	4.1
	P 7000	●	●	●	●	●	●	●	●	4.1
	PowerStor L200	●	●	●	●	●	●	●	●	4.1
	PowerStor L500	●	●	●	●	●	●	●	●	4.1
	P series Ethernet	●	●	●	●	●	●	●	●	4.1
Seagate	Scorpion Autoloader	●	●	●	●	●	●	●	●	4.1
	Viper 2000	●	●	●	●	●	●	●	●	4.1
Sony	152	●	●	●	●	●	●	●	●	4.1
	304	●	●	●	●	●	●	●	●	4.1
	TSL-A500	●	●	●	●	●	●	●	●	4.1
	TSL-S9000	●	●	●	●	●	●	●	●	4.1
	TSL-S11000	●	●	●	●	●	●	●	●	4.1

⁴⁷ In case of Fiber channel attachment, supported only with persistent binding. Dynamic binding not supported.

Library Support (continued)

●	= available
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Manufacturer	Model	HP UX	IBM AIX	SUN Solaris ⁴⁸	Tru64 Unix	SGI Irix	Linux	Mac OS X	Windows	TN Release
Sony (continued)	LIB81	●	●	●	●	●	●	●	●	4.1
	LIB-D81	●	●	●	●	●	●	●	●	4.1
	LIB162	●	●	●	●	●	●	●	●	4.1
	Petasite	●	●	●	●	●	●	●	●	4.1
SpectraLogic ⁴⁹	Spectra 2K	●	●	●	●	●	●	●	●	4.1
	Spectra 10K	●	●	●	●	●	●	●	●	4.1
	Python T950	●	●	●	●	●	●	●	●	4.1
	20K	●	●	●	●	●	●	●	●	4.1
	64K	●	●	●	●	●	●	●	●	4.1
	T50	●	●	●	●	●	●	●	●	4.1p3041
	T120	●	●	●	●	●	●	●	●	4.1
	StorageTek	7430	●	●	●	●	●	●	●	●
9310 ACSLs required	●	●	●					●	4.1	
9710	●	●	●	●	●	●	●	●	●	4.1
9714	●	●	●	●	●	●	●	●	●	4.1
9730	●	●	●	●	●	●	●	●	●	4.1
9738	●	●	●	●	●	●	●	●	●	4.1
9740	●	●	●	●	●	●	●	●	●	4.1
L20	●	●	●	●	●	●	●	●	●	4.1
L40	●	●	●	●	●	●	●	●	●	4.1
L80	●	●	●	●	●	●	●	●	●	4.1
L180	●	●	●	●	●	●	●	●	●	4.1
L700 and L700e	●	●	●	●	●	●	●	●	●	4.1
L1400M	●	●	●	●	●	●	●	●	●	4.1
L5500 (ACSLs required)	See ACSLS compatibility									4.1
SL500	●	●	●	●	●	●	●	●	●	4.1
SL8500 (ACSLs required)	See ACSLS compatibility									4.1

⁴⁸ In case of Fiber channel attachment, supported only with persistent binding. Dynamic binding not supported.

⁴⁹ Library Partition SpectraLogic feature is not supported with 20k and 64K libraries.

Library Support (continued)

● = available

Manufacturer	Model	HP UX	IBM AIX	SUN Solaris ⁵⁰	Tru64 Unix	SGI Irix	Linux	Mac OS X	Windows	TN Release
SUN	L1000	●	●	●	●	●	●	●	●	4.1
	L11000	●	●	●	●	●	●	●	●	4.1
	L1800	●	●	●	●	●	●	●	●	4.1
	L280	●	●	●	●	●	●	●	●	4.1
	L3500	●	●	●	●	●	●	●	●	4.1
	L400	●	●	●	●	●	●	●	●	4.1
	L700	●	●	●	●	●	●	●	●	4.1
	StorEdge 4mm	●	●	●	●	●	●	●	●	4.1
	StorageTek C2	●	●	●	●	●	●	●	●	4.1
	StorageTek C4	●	●	●	●	●	●	●	●	4.1
	L9	●	●	●	●	●	●	●	●	4.1
	L20	●	●	●	●	●	●	●	●	4.1
	L25	●	●	●	●	●	●	●	●	4.1
	L100	●	●	●	●	●	●	●	●	4.1
	L180	●	●	●	●	●	●	●	●	4.1
SUN/StorageTek	SL24	●	●	●	●	●	●	●	●	4.1 p2941
	SL48	●	●	●	●	●	●	●	●	4.1 p2941
Tandberg	1210	●	●	●			●	●	●	4.1
	1420 / 1440	●	●	●			●	●	●	4.1
	Autoloader 2U	●	●	●	●	●	●	●	●	4.1 p2312
	SLR Autoloader	●	●	●			●	●	●	4.1
	StorageLoader	●	●	●	●	●	●	●	●	4.1
	StorageLoader VXA	●	●	●	●	●	●	●	●	4.1
	SuperLoader	●	●	●	●	●	●	●	●	4.1
	StorageLibrary T24	●	●	●	●	●	●	●	●	4.1
	StorageLibrary T40 ⁵¹	●	●	●	●	●	●	●	●	4.1p2802
StorageLibrary T48	●	●	●	●	●	●	●	●	4.1	

⁵⁰ In case of Fiber channel attachment, supported only with persistent binding. Dynamic binding not supported.

⁵¹ Check Technote ID 1133 - Library Tandberg T40 limitations

Silo Support, Library Manager

● = available

Manufacturer	Model	HP UX	IBM AIX	SUN Solaris	Tru64 Unix	SGI Irix	Linux	Windows 2000/2003	TN Release
StorageTek	ACSL5 5.2, 5.3, 5.4, 6.0, 6.1, 7.0, 7.1, 7.2	●	●	●			● ⁵²	●	4.1
StorageTek	Library Station (LS)	●	●	●			●		4.1
StorageTek	Lib-Attach 1.1, 1.2, 1.4.1							●	4.1

⁵² x86 (32bit) and ia64 (64 bit) supported. x64 not supported

Virtual Tape Library Support

●	= available (certified)
○	= available (supported)

Manufacturer	Model	HP UX	IBM AIX	SUN Solaris	Tru64 Unix	SGI Irix	Linux	Windows 2000/2003	Mac OS	TN Release
ADIC	Pathlight VX	●	●	●	●	●	●	●		4.1
Copan	Revolution 220	●	●	●	●	●	●	●	●	4.1
Data Domain	DD400 Series	●	●	●	●	●	●	●	●	4.1
	DD500 Series	●	●	●	●	●	●	●	●	4.1
FalconStor	VTL	●	●	●	●	●	●	●	●	4.1
Fujitsu Siemens	Centricstor 2.x, 3.x	●	●	●			●	● ⁵³		4.1
HP	HP D2D							●		4.1
	HP VLS 6000	●	●	●	●	●	●	●	●	4.1
Network Appliance	NearStore VTL	○	●	○	○	○	○	●	○	4.1
Quantum	DX30 / DX100	●	●	●	●	●	●	●		4.1
	DX3000	●	●	●	●	●	●	●	●	4.1
	DX5000	●	●	●	●	●	●	●	●	4.1
	DXi 3500/5500	●	●	●	●	●	●	●	●	4.1p2666
Sepaton	S2100	●	●	●	●	●	●	●	●	4.1
Sun StorageTek	VTL Plus	○	●	●	○	○	○	●	○	4.1
	VTL Value	○	●	●	○	○	○	●	○	4.1
Diligent Technologies	ProtectTIER							●		4.1p2666
	VTF™ Open ⁵⁴							●		4.1
EMC ²	DL210		●	●			●	●	●	4.1p2666
	DL300/700 Series	●		●				●		4.1
	DL310/710/720/740 Series	●		●				●		4.1
	DL4000 Series	●	●	●			●	●		4.1p2574
	DL6000 Series	●	●	●			●	●		4.1p2574
Overland	REO 1000, 4000, 9000	●	●	●	●	●	●	●		4.1

⁵³ Only Windows 2000 supported

⁵⁴ Virtual Tape Facility Open Systems

Storage Networking

Disclaimer: the following tables are for your information only. The products displayed hereafter are not Atempo products but have been tested in our labs. Each product has demonstrated individual compatibility with Time Navigator. For validation or certification of a full configuration, please contact SAN vendors that provide integrated solutions, or SAN integrators.

SAN Hardware Components

	Vendor	Product	Operating System	
Fibre Host Bus Adapters	Apple	Apple FC HBA	Mac OS X	
	ATTO	Express PCI FC		
	CAMBEX	FibreQuik PC1000 1G and PC2000 1G	AIX	
	Emulex	LP 952/6000/7000E/8000/9000		
	HP	KGPSA-CA and FCA2354		Tru64
		A9782, A9784, A6826A		HP-UX (IA-64)
		A6796A, A5158A		HP-UX (PA-RISC)
		SWSA4-SC 64bit SG-XPCI2FC-QF2 (X6768A)		Solaris
		FCA 2101/2214/2355/2404/2408 KGPSA-CB ISP2312		Windows 2000 and 2003 x86
		A7298A, AB232A		Windows 2003 IA64
		FCA 2214 A6826A		Linux x86 Linux IA64
	IBM	FC 6227/6228	AIX	
	JNI	FCE-3210/6410/6460N FC-1063 FCW 1064		AIX is not supported
		FCC-6460		Solaris
		QLogic	QLA 2100/220x/231x/234x	Linux, Solaris, Windows 2000
Hubs Compatibility	StorageTek	Access Hub		
	Vixel	2100		
	Gadzoos	Gibraltar		
Fibre Channel Switches	ANCOR	SANBOX-8		
	Brocade	Silkworm 2100/2400/2800 Silkworm 3200/3800/12000		
		HP	StorageWorks SAN Switch 8/16, 8/16-EL	
	Gadzoos	Capellix		
	IBM	2109-F16		
	INRANGE	FC 9000 Series (8-port to 256-port)		
	QLogic	SANBox (8-port to 256-port)		
	StorageTek	4100 Series		
	Vixel	7100, 7200 and 8100		

Storage Networking (continued)

SAN Hardware Components	Vendor	Product	
Interface Controller: Routers and Bridges (FC – SCSI – NDMP- iSCSI)	ADIC	SNC 3000, SNC-51xx	
	ATTO	FiberBridge 3200R	
	Chaparral	FS1310 Router	
	DinoStor	NDMP Tape Server	
	HP ⁵⁵	StorageWorks Modular Data Router I/II	
		Network Storage Router E1200, E2400, M2402, N1200	
	CrossRoads	CP4100, CP4200 and CP4250	
	Exabyte	FC12	
	Quantum ATL	PRISM FC210, PRISM FC230	
	StorageTek	3100, 3200	
IBM	2108 G07		
Storage Domain Manager	StorageTek	SN6000 ⁵⁶	

SAN Software Management⁵⁷	Vendor	Product
Storage Virtualization Manager	DataCore	SANsymphony SDS
	FalconStor	IPStor
	HP	Management Appliance
SAN Management	HP	Secure Path, Tru64 Multipath, Tape Storage Management Console Open View-SAM Smart Start and Insight Manager StorageWorks Command View for ESL
3 rd Party Copy and Snapshot	HP	EVM StorageWorks Business Copy EVA

⁵⁵ Official HP Enterprise Backup Solution Certification

⁵⁶ Officially certified by StorageTek.

⁵⁷ Product installation requires help from Professional Services.

Storage Networking (continued)

Tape & Media Management	Vendor	Product
Storage Resource Quality Management	Hi-Stor	StorSentry

Appliances	Vendor	Product	
Windows Server Appliance ⁵⁸	Compaq	TaskSmart 2400, Executor E7000	
	Dell	PowerVault 750N, PowerVault 775 ⁵⁹	
	HP ⁶⁰	StorageWorks NAS B2000, B3000, E7000	
		NAS 9000s, 4000s, 2000s, 1200s	
	IBM	IBM NAS 200, 300, 300G	
	Iomega	P400 and P800 Series	
Linux Server Appliance	Maxtor	All MaxAttach NAS Series	
	Cobalt	RaQ2, RaQ3, RaQ4 with ibc6.1 Kernel 2.2 and Libc6.2 Kernel 2.4	
	Snap Appliance	Snap Server series with Guardian OS	

⁵⁸ All Windows 2000 (SAK) Appliances are fully compliant with Time Navigator Agent for Windows. Only tested platforms by Atempo team are included in this table.

⁵⁹ Windows Storage Server 2003 Appliances, VSS not yet supported.

⁶⁰ Official HP Enterprise Backup Solution Certification

Serverless Solution

Library Sharing Module

<i>Operating System</i>	<i>Platform</i>
AIX 4.3.3, 5.1, 5.2, 5.3 (64 bit)	PowerPC
Tru64 Unix 5.0, 5.0a, 5.1, 5.1a, 5.1b	Alpha
HP-UX 11i (64 bit)	PARISC
HP-UX 11iv2 (64 bit)	ia64
Irix 6.5.x (64 bit)	MIPS
Solaris 7, 8, 9, 10 (64 bit)	Sparc
Solaris 10 (64 bit)	x64
Mac OS X 10.3, 10.4	PPC
Linux with Libc6.2 and Kernel 2.4	x86
Linux RedHat Advanced Server with Libc 6.2 Kernel 2.4 (64bit)	ia64
SGI ProPack 4.0	ia64
Windows 2000 Professional Edition, Server and Advanced Server	x86
Windows 2003 Server	x86

Oracle on Network Appliance Filer⁶¹

	<i>Database Release</i>	<i>Operating System</i>
Time Navigator for Oracle on AIX	9.0.1, 9.2	AIX 4.3.3, 5.0, 5.0a, 5.1
Time Navigator for Oracle on Solaris	9.0.1	Solaris 7, 8, 9, 10
Time Navigator for Oracle on Tru64	9.0.1	Tru64 5.0, 5.0a, 5.1, 5.1a, 5.1b
Time Navigator for Oracle on Linux	9.0.1	RedHat Linux Libc6.2 Kernel 2.4
	9.2	RedHat AS libc6.3 Kernel 2.4 (64 bit)
Time Navigator for Oracle on Windows 2000	9.0.1	Windows 2000

Third-party Application

Time Navigator Agent

	<i>Vendor</i>	<i>Application</i>
Time Navigator for Solaris	Sun	Sun SAM-FS, Sun QFS ⁶²

⁶¹ Requires DataOntap 6.x and later. Officially certified by Network Appliance.

⁶² Quick File System



Time Navigator Reporter (SP4 Release)

	<i>Operating System</i>	<i>Platform</i>	<i>Time Navigator</i>
Time Navigator Reporter for Solaris	7, 8, 9, 10 (64 bit)	Sparc	4.0.1, 4.1
Time Navigator Reporter for Linux	Libc6.2 Kernel 2.4 : <ul style="list-style-type: none"> • Red Hat Linux, Red Hat Advanced Server, Red Hat Enterprise Server • Mandrake and SuSE 	x86	4.0.1, 4.1
	Libc6.3 Kernel 2.4 : <ul style="list-style-type: none"> • Red Hat Linux, Red Hat Advanced Server, Red Hat Enterprise Server • Mandrake and SuSE 	x86	4.0.1, 4.1
Time navigator Reporter for Mac OS X	Mac OS X 10.3 Panther	PPC	4.0.1, 4.1
	Mac OS X 10.4 Tiger	PPC	4.0.1, 4.1
Time Navigator Reporter for Windows 2000 SP4	Professional, Server and Advanced Server (English, French, German, Spanish, Italian)	x86	4.0.1, 4.1
Time Navigator Reporter for Windows 2003	Server (English, French, German, Spanish, Italian)	x86	4.0.1, 4.1
Time Navigator Reporter for Windows XP SP2	Professional Edition (English, French, German, Spanish, Italian)	x86	4.0.1, 4.1

What's changed?

Product	Operating System(s)	Date	Status	Version
DB2 v9.1	Win2003, AIX, Linux	Dec 07	Added	4.1 SP4 P3012
Pillar Data Storage		Dec 07	Added	
AIX 4.3.3		Dec 07	Removed	4.1 SP4 P2998
Library Spectralogic T50		Jan 08	Added	4.1 SP4 P3041
Library Plasmon Gx Series		Jan 08	Added	4.1 SP4 P3041
Drive Plasmon UDO-2		Jan 08	Added	4.1 SP4 P3041
Drive IBM TS1120		Jan 08	Added	4.1 SP4 P3041
Microsoft Office Sharepoint Server 2007	Windows 2003	Feb 08	Added	4.1 SP4
NDMP for MacOS	Mac OS 10.4, 10.5	Feb 08	Added	
HP-UX 11i v3		Feb 08	Added	4.1 SP4