

TIME NAVIGATOR

Compatibility Guide
for Time Navigator – Version 4.6.4
August 2019



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General information about the ATN 4.6.4 Compatibility guide

Note:

Time Navigator 4.6.x Agents are fully supported with Time Navigator 4.6.4 Server.

Indicates validation is in progress

“●” *Indicates supported with the latest version of ATN 4.6.4 (unless specified otherwise).*

“●” *Indicates this operating system and/or application will be deprecated for future versions of Time Navigator. See our “Legacy” section at the end of the Compatibility Guide for more details.*

Co-residence with other Atempo products

It is generally safe to install components from other Atempo products on the same host as Time Navigator, provided the host has sufficient processor, memory, storage, and network resources to support the combined load and the product versions are at least as current as the following:

NOTE:

Running multiple product components on the same host is not recommended in production environments. Like any business-critical application, Atempo products will perform best when run on dedicated hosts. Furthermore, troubleshooting issues with co-resident applications can be extremely complex, which may result in reduced service level. This section refers only to co-residence and not to interoperability with other Atempo products.

Automated Library Management

Please consult the Atempo-Hardware Compatibility Guide for library & drive support.



Support Lifecycle

End of Support (EOS) date is the last date on which Atempo will deliver standard support services for that version/release of a product. EOS means the software is no longer available for download. Customers may continue to install and use the version but Atempo will no longer keep these versions online.

Time Navigator patches on Service Packs will be maintained for 3 months following new major/minor release or service pack release. Fixes will be applied to the most recent service pack and/or next version. We do not engage ourselves to provide patches to the same service pack as installed at the customer site.

“End of Support” implies:

- Version no longer available for download from ISP
- No patch or service pack will be provided for that version
- Support will no longer open tickets for that version, except for ‘legacy’ platforms and applications outlined in the Compatibility Guide.

“Superseded” implies: support will still open tickets, but fixes/patches will only be provided on the latest version.

Extended support

In some circumstances customers may require support for products that have officially been marked “end of support”. Atempo may in exceptional circumstances agree to extend support.

The table below outlines essential information regarding Atempo Data Protection lifecycle policies in order to help you plan for future upgrades.

TIME NAVIGATOR

Product Name	General Availability	End of Support
ATN 4.6.4	July 2019	
ATN 4.6.3	April 2019	Superseded by ATN 4.6.4
ATN 4.6.2	September 2018	Superseded by ATN 4.6.3
ATN 4.6.1	May 2018	Superseded by ATN 4.6.2
ATN 4.6.0	October 2017	Superseded by ATN 4.6.1
ATN 4.5.2	May 2017	May 2019
ATN 4.5.1	October 2016	Superseded by ATN 4.5.2
ATN 4.5.0	June 2016	Superseded by ATN 4.5.1
ATN 4.4.x	September 2014	December 2017

HYPERSTREAM SERVER / HVDS

Product Name	General Availability	End of Support
HSS 4.0.1	April 2019	
HSS 3.4.5	October 2017	October 2019
HSS 3.4.3	April 2017	April 2019
HSS 3.4.1	February 2017	Superseded by HSS 3.4.3
HSS 3.4.0	November 2016	Superseded by HSS 3.4.1



Time Navigator Operating System compatibility

	<i>Operating System</i>	<i>Platform</i>	<i>Web UI Server</i> ¹	<i>License Server</i>	<i>Server</i>	<i>Storage Node</i>	<i>Agent</i>	<i>Cluster</i>
Time Navigator for AIX	AIX 7.1, 7.2 ²	PPC / 64 bit	●	●	●	●	●	●
Time Navigator for HP-UX	HP-UX 11i v3	ia64 / 64 bit	●	●	●	●	●	●
Time Navigator Agent for IBM iSeries ³	OS/400 V7.2, V7.3					●	●	
Time Navigator Agent for FreeBSD	FreeBSD 10.1, 11	x64 / 64 bit					●	
Time Navigator for Linux	Red Hat 6.x, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6	x64 / 64 bit	●	●	●	●	●	●
	Red Hat Enterprise Linux 5	ia64 / 64 bit				●	●	
	SUSE Linux Enterprise Server 11, 12 SUSE Linux Enterprise Server 15	x64 / 64 bit x64 / 64 bit	●	●	●	●	●	●
	IBM Power ⁴ SUSE Linux Enterprise Server Red Hat Ubuntu	Power 8 (PPC)				●	●	
	Debian 8, 9.0, 9.1 CentOS 6.x, 7, 7.4, 7.5 openSUSE 13 Ubuntu LTS 14, 16 other Linux ⁵	x64 / 64 bit	●		●	●	●	
Time Navigator for macOS ^{6 7}	OS X Sierra 10.12, High Sierra 10.13	x64	●	●	●	●	●	

¹ Supported browsers – minimum version indicated: Internet Explorer 9, Mozilla Firefox 4.0, Safari 5.0, Opera 11, Google Chrome 8. Minimum Flash Player 10.4 (11 recommended)

² Minimum operating system level is 5100-09 (run `oslevel -r` to get version). AIX 7.1 & 7.2 require OS level TL3 SP1 minimum.

³ Use specific ATN package for V7.2/V7.3

⁴ Consult [IBM](#) supported Linux distributions for precise version information.

⁵ Kernel 2.6 glibc 2.5 minimum required for Server and Storage Node. We do not guarantee all Linux distributions are supported (only those explicitly listed are tested).

⁶ XSAN 3 is supported

⁷ ATN 4.6.4 Server (and above) supports OS X booted in 64 bit mode only



	<i>Operating System</i>	<i>Platform</i>	<i>Web UI Server</i> 8	<i>License Server</i>	<i>Server</i>	<i>Storage Node</i>	<i>Agent</i>	<i>Cluster</i>	<i>Disaster Recovery (SRA)</i>
Time Navigator for Micro Focus (Novell)	SLES 11 SP2 / OES 11 SP1 / OES 2015, OES 2018	x64 / 64 bit		●	●	●	●	●	
Time Navigator for Solaris	Solaris 10, 11	Sparc / 64 bit	4.6.3	4.6.3	4.6.3	4.6.3	4.6.3	4.6.3	
	Solaris 10, 11	x64/ 64 bit	4.6.2	4.6.2	4.6.2	4.6.2	4.6.2	4.6.2	
Time Navigator for Windows	Windows 7, Windows 8, Windows 10	x64 / 64 bit					●		●
	Windows 2008 / Windows 2008 R2 Core	x64 / 64 bit	●		●	●	●		●
	Windows 2008 R2/ Windows Storage Server 2008	x64 / 64 bit	●	●	●	●	●	●	●
		x64 / 64 bit			●	●	●		●
	Windows Small Business Server 2011	x64 / 64 bit					●		
	Windows Storage Server 2012 / Windows Storage Server 2012 R2 Windows 2012 Core	x64 / 64 bit			●	●	●	●	●
Windows Server 2012 / Windows Server 2012 R2 Windows 2016 Core Windows Server 2016 Windows Server 2019	x64 / 64 bit	●	●	●	●	●	●	●	

⁸ Supported browsers – minimum version indicated: Internet Explorer 9, Mozilla Firefox 4.0, Safari 5.0, Opera 11, Google Chrome 8. Minimum Flash Player 10.4 (11 recommended)



HyperVision Agent for VMware⁹

	Version	Proxy	Target	Express Restart Target ¹⁰
HyperVision Agent for VMware	vSphere 6.7.2	Red Hat 7.2, 7.3 CentOS 7.4 SUSE SLES 15 Windows Server 2008 R2 Windows Server 2012, R2 Windows 2016	VLS/VTL/HSS/Tape	Deduplication Storage (HVDS) and External Filesystem (XDF) *
	vSphere 6.7.1	Red Hat 7.2, 7.3 Windows Server 2008 R2 Windows Server 2012, R2 Windows 2016	VLS/VTL/HSS/Tape	Deduplication Storage (HVDS) and External Filesystem (XDF) *
	vSphere 6.5.2	Red Hat 7.2, 7.3 Windows 10 Windows Server 2008 R2 Windows Server 2012, R2 Windows 2016	VLS/VTL/HSS/Tape	Deduplication Storage (HVDS) and External Filesystem (XDF) *
	vSphere 6.5.1	Red Hat 6.7, 6.8, 7.2, 7.3 SUSE 11 SP4, 12 SP1 Windows 10 Windows Server 2008 R2 Windows Server 2012, R2 Windows 2016	VLS/VTL/HSS/Tape	
	vSphere 6.5.0	Red Hat 6.7, 6.8, 7.2 SUSE 11 SP4, 12 SP1 Windows Server 2008 R2 Windows Server 2012, R2	VLS/VTL/HSS Tape HVDS	
	vSphere 6.0.x	Red Hat 6.6, 7.0 SUSE 11.3, 12 Windows Server 2008 R2 Windows Server 2012, R2	External Filesystem (XDF) *	

* External Filesystem target (XDF) supported on Linux only. Both CIFS/NFS protocols are supported.

⁹ Antivirus must not be installed/running on Windows OS (Dokan limitation)

¹⁰ Express Restart requires Red Hat 7.2 or 7.3 proxy with target HVDS 3.4.5 or higher



HyperVision Agent for VMware ¹¹

Guest Operating System	Operating Systems	File Level Granularity	Comments
Windows VM	Windows 7, 8, 10, XP, Vista Windows 2003, 2003 R2, Windows 2008, 2008 R2, Windows 2012, R2, Windows 2016	Yes	
Linux VM	Red Hat, Cent OS, SUSE	Yes	

HSS & HVDS Compatibility with Time Navigator

	ATN 4.5.x	ATN 4.6.0-ATN 4.6.3	ATN 4.6.4
HyperVision Agent for VMware	>HVDS 3.3.3	Recommended HVDS 4.5.x	Recommended HVDS 5.0.x
HyperVision Agent for Hyper-V	>HVDS 3.3.3	Recommended HVDS 4.5.x	Recommended HVDS 5.0.x

Hyperconverged Solutions

HyperVision Agent for VMware	Nutanix for VMware
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¹¹ Express Restart requires Red Hat 7.2 or 7.3 proxy with target HVDS 3.4.5 or higher



HyperVision Agent for Hyper-V ¹²

Host Backup

	Host Machine	Backup Targets	Comments
Guest VM Windows	Windows Server 2019 Windows Server 2016 Windows Server 2012 R2 Hyper-V Server Core 2012 R2 Windows Server Cluster 2012 R2	VLS/VTL/HSS Tape HVDS External Filesystem (XDF)	Recommended HVDS 4.5.x
Guest VM Linux	SUSE SLES 15 Debian Ubuntu FreeBSD	VLS/VTL/HSS Tape HVDS External Filesystem (XDF)	

File Level Granular Restore ^{13 14}

	Host Machine	Backup Targets
Guest VM Windows	Windows Server 2019 Windows Server 2016 Windows Server 2012 R2 Hyper-V Server Core 2012 R2 Windows Server Cluster 2012 R2	VLS/VTL/HSS Tape HVDS

HVDS Compatibility with Time Navigator

	ATN 4.5.x	ATN 4.6.0-ATN 4.6.3	ATN 4.6.4
HyperVision Agent for Hyper-V	>HVDS 3.3.3	Recommended HVDS 4.5.x	Recommended HVDS 5.0.x

¹² ATN does not support backup of virtual machines which are hosted on SMB/CIFS shares.

¹³ Fine Granular Restore is not supported for Linux VM's.

¹⁴ Fine Granular Restore is not supported on External Filesystem (XDF) target.



Time Navigator – Agent for Citrix XenServer

	Platform	Windows 2008, R2 Windows 2012
Time Navigator Agent for Citrix XenServer 7 ¹⁵	x64 / 64 bit	●

Database and Application

Time Navigator for Oracle ¹⁶

	Operating System	Platform	Oracle Release (GUI & RMAN)			
			11G 11.1	11G R2	12c R1 ¹⁷	12c R2 ¹⁷
Time Navigator for Oracle on AIX	AIX 7.1, 7.2	PPC / 64 bit		●	●	●
Time Navigator for Oracle on HP-UX	HP-UX 11i v3	ia64 / 64 bit	4.4.2	4.4.2	4.4.2	●
Time Navigator for Oracle on Linux	Linux as outlined in Operating Systems ¹⁸	x64 / 64 bit	●	●	●	●
		ia64 / 64 bit	●	●		
		PPC / 64 bit	●	●		
Time Navigator for Oracle on Solaris	Solaris 10, 11	Sparc / 64 bit	4.6.3	4.6.3	4.6.3	4.6.3
	Solaris 10, 11	x64 / 64 bit	4.6.2	4.6.2	4.6.2 ¹⁹	
Time Navigator for Oracle on Windows	Windows Server 2008, 2008 R2, Windows 2012, R2, Windows 2016	x64 / 64 bit x64 / 64 bit	●	●	●	●

¹⁵ Refer to Citrix for supported guest OS.

¹⁶ Includes Partial Clone (cross restore and recovery) – Unix only

¹⁷ Multi-tenant container database only supported with RMAN

¹⁸ kernel 2.6 or above glibc 2.3 or above

¹⁹ Requires libtina_ora101.so (see technote for more details)



Time Navigator for DB2

	Operating System	Platform	DB2 WE, EE Release GUI & Command Mode ²⁰			
			9.5 & 9.7	10.1	10.5	11
Time Navigator for DB2 on AIX	AIX 7.1	PPC / 64 bit	●	●	●	
	AIX 7.2	PPC / 64 bit		●	●	●
Time Navigator for DB2 on Linux	Linux as outlined in Operating Systems ²¹	x64 / 64 bit	●	●	●	●
Time Navigator for DB2 on Windows	Windows 2012, R2, Windows 2016	x64 / 64 bit		●	●	●

Time Navigator for MySQL

	Operating System	Platform	MySQL version					MariaDB 10.3
			5.5	5.6	5.7	6.0		
Time Navigator for MySQL	Windows Server 2008	x64 / 64 bit	●	●	●	●		
	Windows Server 2012	x64 / 64 bit	●	●	●	●		
	Windows Server 2016	x64 / 64 bit		●	●	●		●
	Red Hat 5, 6, 7 SuSE 9, 10, 11	x64 / 64 bit	●	●	●	●		●
	Solaris 10, 11	SPARC 64 bit	4.6.3	4.6.3				

²⁰ pureScale supported in command mode only

²¹ kernel 2.6 or above glibc 2.3 or above



Time Navigator for PostgreSQL

	<i>Operating System</i>	<i>Platform</i>	<i>PostgreSQL version 9.4, 9.5, 9.6</i>	<i>PostgreSQL version 10</i>
Time Navigator for PostgreSQL	Windows Server 2008, 2012	x64 / 64 bit	●	●
	Windows Server 2016	x64 / 64 bit	●	●
	Linux	x64 / 64 bit	●	●

Time Navigator for IBM Domino

	<i>Operating System</i>	<i>Platform</i>	<i>IBM Domino Release</i>	
			<i>8.5.x</i>	<i>9.x</i>
Time Navigator for IBM Domino	Windows 2008 Windows 2012	x64 / 64 bit	●	●
	Windows 2012, R2	x64 / 64 bit		●
	Linux	x64 / 64 bit		●

Time Navigator for Groupwise

	<i>Operating System</i>	<i>Filesystem</i>	<i>Backup using TSAFS</i>
Time Navigator for Groupwise 8	OES Linux	NSS only	●
Time Navigator for Groupwise 2012	OES Linux		●
Time Navigator for Groupwise 2018			●



HyperVision Agent for Microsoft Exchange ^{22 23}

	Operating System	Platform	Exchange Release		
			Exchange 2013	Exchange 2016	Exchange 2019
Time Navigator for Exchange	Windows 2012 R2 Windows 2016 Windows 2019	x64 / 64 bit	●	●	●

Time Navigator for Microsoft Exchange (classic agent)

	Operating System	Platform	Exchange Release			
			Exchange 2010	Exchange 2013	Exchange 2016	Exchange 2019
Time Navigator for Exchange	Windows 2008, R2	x64 / 64 bit	ATN 4.6.0	●	●	
	Windows 2012, R2 Windows 2016	x64 / 64 bit	ATN 4.6.0	●	●	
	Windows 2016 Windows 2019	X64 / 64 bit				●

²² ATN Advanced Indexing Database not supported

²³ Does not support brick level restore (email, note, calendar etc). Use ATN Exchange Agent (classic agent) for this functionality.



Time Navigator for Microsoft SharePoint Server

	<i>Operating System</i>	<i>Platform</i>	<i>SharePoint Server 2010</i>	<i>SharePoint Server 2013</i>	<i>SharePoint Server 2016</i>	<i>SharePoint Server 2019</i>
Time Navigator for SharePoint Server	Windows 2008, R2	x64 / 64 bit	ATN 4.5.0	●		
	Windows 2012, R2	x64 / 64 bit		●		
	Windows 2016	x64 / 64 bit			●	●
	Windows 2019	x64 / 64 bit				●

Time Navigator for Microsoft SQL Server

	<i>Operating System</i>	<i>Platform</i>	<i>SQL Server Release</i>			
			<i>SQL Server 2012 SQL Server Express</i>	<i>SQL Server 2014</i>	<i>SQL Server 2016 SQL Server Express</i>	<i>SQL Server 2017 SQL Server Express</i>
Time Navigator for SQL Server	Windows 2008, R2	x64 / 64 bit	●	●		
	Windows 2012, R2	x64 / 64 bit	●	●	●	
	Windows 2016	x64 / 64 bit			●	●

Time Navigator for SAP ERP (ECC) on Oracle (using BACKINT)

	<i>Operating System</i>	<i>Platform</i>	<i>SAP ERP 6.x</i>
Time Navigator for SAP on AIX	AIX 7.1	PPC / 64 bit	●
Time Navigator for SAP on HP-UX	HP-UX 11i v3	ia64 / 64 bit	●
Time Navigator for SAP on Linux	Red Hat 6, 7	x64 / 64 bit	●
	Solaris 10, 11	x64 / 64 bit SPARC / 64 bit	4.6.2 4.6.3
Time Navigator for SAP on Windows	Windows Server 2008, R2 Windows 2012, R2	x64 / 64 bit	●



	<i>Operating System</i>	<i>Platform</i>
Time Navigator for SAP HANA 1.0	SuSE Linux 11.x, SuSE Linux 12.x Red Hat Enterprise Linux 6.x, 7.x	X64

Time Navigator for MaxDB (using BACKINT)

	<i>Operating System</i>	<i>Platform</i>	<i>Release 7.9</i>
Time Navigator for Max DB on Windows	Windows Server 2008, R2, 2012, R2	x64 / 64 bit	●
Time Navigator for MaxDB on Linux	Red Hat, SuSE 9, 10, 11	x64 / 64 bit	●
Time Navigator for MaxDB on Solaris	Solaris 10, 11	SPARC x64	4.6.3



HyperStream Server

- *Time Navigator 4.6.x Agents are fully supported with HyperStream Server (unless specified otherwise).*

Note: *The catalog application should be excluded from deduplicated backups.*

HyperStream Server ²⁴

Server	Operating System	Platform
Time Navigator HyperStream for Linux	Red Hat Linux, Cent OS	x64 kernel 2.6.32 ²⁵
Time Navigator HyperStream for Windows	Windows Storage Server 2008 Windows Server 2008, R2 Windows Server 2012, R2 Windows Server 2016	x64 x64 x64 x64

²⁴ Mounted volumes (CIFS or NFS) are not supported for storing the block repository.

²⁵ HyperStream Server requires glibc 2.12 & kernel 2.6.32 and higher (including 3.x).



Time Navigator for NDMP

	<i>Operating System</i>	<i>Platform</i>	<i>NDMP Tape Server</i>	<i>NDMP Data Server</i>	<i>NDMP Agent</i>
Time Navigator for NDMP on AIX	AIX 7.1, 7.2	PPC / 64 bit	●	●	●
Time Navigator for NDMP on iSeries	OS/400 V7.2, V7.3		●	●	
Time Navigator for NDMP on HP-UX	HP-UX 11i v3	ia64 / 64 bit	●	●	●
Time Navigator for NDMP on Solaris	Solaris 10, 11	Sparc / 64 bit	4.6.3	4.6.3	4.6.3
	Solaris 10, 11	x64 / 64 bit	4.6.2	4.6.2	4.6.2
Time Navigator for NDMP for Linux	Linux as outlined in Operating Systems ²⁶	x64 / 64 bit	●	●	●
Time Navigator for NDMP on Windows	Windows 2008, R2, 2012, R2, 2016	x64 / 64 bit	●	●	●

²⁶ kernel 2.6 or above glibc 2.3 or above



NAS Product

	<i>Operating System</i>	<i>Platform</i>
BlueArc	BlueArc OS 5.x, OS 6.x, OS 7.0, OS 8.1, OS 8.2	BlueArc Titan, BlueArc Mercury
Dell	Compellent/Fluid FS	Compellent, EqualLogic, NX
EMC	DART 5.4, 5.5, 5.6, 6.0, VNX	Celerra
Dell EMC	Unity 4.4	Unity
Hitachi Data Systems	NAS OS 5.x, 6.x, 7.0, 8.x, 10.x, 11.x, 12.x	Hitachi NAS and High-Performance NAS
	HCA 2.x	Hitachi Content Archive Platform
Isilon	OneFS 4.7.x, 5.0, 5.5, 6.0, 6.5, 6.5.1.8, 7.0, 7.2, 8.0, 8.1	IQ, Accelerator
NetApp	Data ONTAP 7.2.4 & 7.3, 8.0 (7-Mode & Cluster Mode), 8.1 (7-Mode & Cluster Mode), 8.2 (node-scoped NDMP mode, 8.3 node-scoped NDMP mode / CAB 9.0, 9.1, 9.2 node-scoped NDMP mode / CAB 9.3 node-scoped NDMP mode / CAB	NetApp Filer
Nexenta	NexentaStor	
Onstor	EverON 3.3.2.7	Bobcat
Overland	GuardianOS 7.2.0.29	SnapServer DX-series
Panasas	PanFS 4.1	ActiveStor 14
Pillar Data Systems	2.7	Axiom 500
Quantum	Quantum Series or Family	DXi2500-D, DXi4510, DXi4520, DXi4601 DXi6510, DXi6520, DXi6530, DXi6540, DXi6550 DXi6700, DXi6701, DXi6702, DXi7500 Enterprise, DXi7500 Express, DXi7500-N, DXi8500, DXi8500 2TB DXi V1000
SGI	SGI InfiniteStorage Appliance Manager 4	Nexis
Sun	4.22	StorageTek 5320
	Solaris 5.11	Sun Storage 7000 series, Sun StorEdge



Time Navigator SnapBackup

Snapshot Technology	Available for	Remark
Microsoft VSS	Time Navigator Agent for Windows 2008, Windows 2012, Windows 2016, Windows 2019	x64
	Time Navigator for Microsoft Exchange	MS Exchange 2010, 2012, 2016, 2019
	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

Time Navigator Disk File Management (DFM) & Offsite Cartridge Management (OCM) ²⁷

	Operating System	Platform
Time Navigator DFM for Windows 2008, 2012, R2, 2016	Server	x64
Time Navigator DFM for Linux	Server	x64

²⁷ ATN 4.5 and above supports DFM 2.5.8 or later. Installation through command line only (see documentation for details).



	Operating System	Platform	Web UI	License	Server	Storage Node	Agent	Cluster	Disaster Recovery
Time Navigator for Linux	Ubuntu 8, 9, 10, 11, 12, 13, 14	x64 / 64 bit	4.6.0	4.6.0	4.6.0	4.6.0	4.6.0	4.6.0	
Time Navigator for Linux	Oracle Linux 6, 7	x86 / 32 bit	4.4.2	4.4.2	4.4.2	4.4.2	4.4.2	4.4.2	
Time Navigator for Linux	Oracle Linux 6, 7	x64 / 64 bit	4.6.0		4.6.0	4.6.0	4.6.0		
Time Navigator for Linux	CentOS 4	x86 / 32 bit	4.3.3		4.2.8	4.2.8	4.2.8		
Time Navigator for Linux	CentOS 4	x64 / 64 bit	4.3.3		4.2.8	4.2.8	4.2.8		
Time Navigator for Linux	Debian 4	x86 / 32 bit	4.3.3		4.3.3	4.3.3	4.3.3		
Time Navigator for Linux	Debian 4	x64 / 64 bit	4.3.3		4.3.3	4.3.3	4.3.3		
Time Navigator for Linux	Asianux 2.0	x86 / 32 bit	4.3.3		4.2.8	4.2.8	4.2.8		
Time Navigator for Linux	Asianux Server 3	x86 / 32 bit	4.3.3		4.3.3	4.3.3	4.3.3		
Time Navigator for Linux	Mandriva 2009 & 2010	x86 / 32 bit	4.3.3		4.2.8	4.2.8	4.2.8		
Time Navigator for Linux	Other Linux, kernel 2.6 glibc 2.4	x86 / 32 bit				4.3.2	4.3.2		
Time Navigator for Linux	SGI ISSP 1.9	x64 / 64 bit			4.3.1	4.3.1	4.3.1		
Time Navigator for Linux	SGI ISSP 2.2, 2.4, 2.6	x64 / 64 bit			4.3.3	4.3.3	4.3.3		
Time Navigator for Linux	SGI ISSP 1.7-1.8, 2.2, 2.4	ia64 / 64 bit			4.2.8	4.2.8	4.2.8		
Time Navigator for Linux	SGI ISSP 3.0 on SLES11	x64 / 64 bit			4.5.0	4.5.0	4.5.0		
Time Navigator for Linux	SGI ISSP 3.1 on RedHat Linux	x64 / 64 bit			4.5.0	4.5.0	4.5.0		
Time Navigator for Linux	SGI ISSP 3.3, SLES 11 SP3	x64 / 64 bit			4.5.0	4.5.0	4.5.0		
Time Navigator for Linux	SGI ISSP 3.5, 3.6 on SLES 11 SP3, SP4	x64 / 64 bit			4.5.0	4.5.0	4.5.0		
Time Navigator for Linux	SGI ISSP 3.4, 3.5, 3.6 on RedHat Linux	x64 / 64 bit	4.6.0		4.6.0	4.6.0	4.6.0		
Time Navigator for Linux	SUSE Enterprise Server, 10 & 11	ia64 / 64 bit		4.4.1	4.4.1	4.4.1	4.4.1	4.4.1	
Time Navigator for OS X	OS X 10.4 Tiger	PPC		4.2.5	4.2.5	4.2.5	4.2.5		
Time Navigator for OS X	OS X 10.4 Tiger	x86 / 32 bit		4.2.5	4.2.5	4.2.5	4.2.5		
Time Navigator for OS X	OS X 10.5 Leopard	PPC		4.2.8	4.2.8	4.2.8	4.2.8		
Time Navigator for OS X	OS X 10.5 Leopard	x86 / 32 bit		4.2.8	4.2.8	4.2.8	4.2.8		
Time Navigator for OS X	OS X 10.6 Snow Leopard	x64		4.3.3	4.3.3	4.3.3	4.3.3		
Time Navigator for OS X	OS X 10.7, 10.8,	X64		4.4.1	4.4.1	4.4.1	4.4.1		
Time Navigator for OS X	OS X 10.9	X64		4.5.0	4.5.0	4.5.0	4.5.0		
Time Navigator for OS X	OS X 10.10, 10,11	X64		4.6.0	4.6.0	4.6.0	4.6.0		



	Operating System	Platform	Web UI	License	Server	Storage Node	Agent	Cluster	Disaster Recovery
Time Navigator for Windows	Windows 2000 Server/Advanced SP4	x86 / 32 bit			4.2.8	4.2.8	4.2.8	4.2.8	
Time Navigator for Windows	Windows 2000 SAK	x86 / 32 bit				4.3.3	4.3.3		4.2.8
Time Navigator for Windows	Windows Server 2003 / 2003 R2	ia64 / 64 bit			4.2.6	4.2.6	4.2.6		
Time Navigator for Windows	Windows 2003 / 2003 R2	x86 / 32 bit		4.4.2	4.4.2	4.4.2	4.4.2	4.4.2	4.2.6
Time Navigator for Windows	Windows 2003 / 2003 R2	X64 / 64 bit	4.4.2	4.4.2	4.4.2	4.4.2	4.4.2	4.4.2	4.4.2
Time Navigator for Windows	Windows XP Professional >= SP2	x86 / 32 bit					4.3.3		4.4.2
Time Navigator for Windows	Windows XP Professional >= SP2	x64 / 64 bit					4.3.3		4.3.3
Time Navigator for Windows	Windows Server 2003/2003 R2	x86 / 32 bit	4.4.2	4.4.2	4.4.2	4.4.2	4.4.2	4.4.2	4.3.3
Time Navigator for Windows	Windows Storage Server 2003/R2 Windows 7	x86 / 32 bit	4.4.2	4.4.2	4.4.2	4.4.2	4.4.2	4.4.2	4.4.2
Time Navigator for Windows	Windows Server 2008	x86 / 32 bit	4.4.2	4.4.2	4.4.2	4.4.2	4.4.2	4.4.2	
Time Navigator for FreeBSD	FreeBSD 5.4 ,6.0, 6.1, 6.3, 7.0, 7.2, 8.0	x86 / 32 bit					4.2.8		4.4.2
Time Navigator for FreeBSD	FreeBSD 6.1, 6.3, 7.0, 7.2, 8.0	x64 / 64 bit					4.2.8		
Time Navigator for FreeBSD	FreeBSD 9.x	x64 / 64 bit					4.6.0		
Time Navigator Agent for IBM iSeries	OS/400 V5R2, V5R3, R4						4.3.3	4.3.3	
Time Navigator Agent for Novell	Netware 5.0, 5.1, 6	x86 / 32 bit					4.2.6		
Time Navigator Agent for Novell	Netware 6.5	x86 / 32 bit					4.2.6	4.2.6	
Time Navigator Agent for Novell	SLES 9 OES	x86 / 32 bit			4.3.3	4.3.3	4.3.3		
Time Navigator Agent for Novell	SLES 10 OES 2	x86 / 32 bit			4.3.3	4.3.3	4.3.3	4.3.3	
Time Navigator Agent for Novell	SLES 10 OES 2	x64 / 64 bit			4.6.0	4.6.0	4.6.0	4.6.0	
Time Navigator Agent for VMS	Open VMS 7.2, 7.3, 8.2	Alpha					4.1		
Time Navigator Agent for VMS	Open VMS 8.3, 8.4	la64					4.1		



Microsoft Exchange	Operating System	Platform	Version	
			Exch 2000, 2003	Exch 2007
Time Navigator for Exchange	Windows 2000	x86 / 32 bit	4.2.8	
	Windows 2003	x86 / 32 bit	4.2.8	
	Windows 2003	x64 / 64 bit		4.2.8
	Windows 2008	x64 / 64 bit		4.3.3
	Windows 2008 R2	x64 / 64 bit		4.3.3
Time Navigator for Exchange Advanced Indexing Database	Windows 2008 R2	x64 / 64 bit	4.3.3	4.3.3
	Linux	x64 / 64 bit	4.3.3	4.3.3
	OS X 10.5	x64 / 64 bit		

Microsoft SQL Server	Operating System	Platform	Version			
			SQL 2000	SQL 2005	SQL 2008/ 2008 R2	SQL 2012 SQL Express
Time Navigator for SQL Server	Windows 2000	x86 / 32 bit	4.2.8			
	Windows 2003	x86 / 32 bit	4.2.8	4.2.8	4.4.2	
	Windows 2003	x64 / 64 bit		4.2.8	4.4.2	
	Windows 2003	ia64 / 64 bit	4.2.8	4.2.8		
	Windows 2008/2012 R2	x64 / 64 bit				4.5.3

Microsoft SharePoint	Operating System	Platform	Version
			SharePoint 2007
Time Navigator for SharePoint Server	Windows 2008	x86 / 32 bit	4.3.2
	Windows 2008	x64 / 64 bit	4.3.2



DB2	Operating System	Platform	Version		
			8.1, 8.2	9.x	10.1, 10.5
Time Navigator for DB2 on AIX	AIX 4.3.3, 5.1, 5.2	PPC / 32 bit	4.2.8	4.2.8	
	AIX 5.1, 5.2	PPC / 64 bit	4.2.8	4.2.8	
	AIX 5.3	PPC / 64 bit		4.4.2	
Time Navigator for DB2 on Linux	AIX 6.1	PPC / 64 bit			4.6.0
	Linux	X86 / 32 bit		4.4.1	
Time Navigator for DB2 on Solaris	Linux	x64 / 64 bit		4.6.2	
	Solaris 8	Sparc / 64 bit	4.2.8	4.2.8	
	Solaris 9	Sparc / 64 bit		4.4.2	
	Solaris 10	x64 / 64 bit		4.6.2	
	Solaris 10, Solaris 11	Sparc / 64 bit		4.6.2	4.6.2
Time Navigator for DB2 on Windows	Windows 2000, 2003	x86 / 32 bit	4.2.8	4.2.8	
	Windows Server 2003	x64 / 64 bit	4.2.8	4.2.8	
	Windows Server 2008	x86 / 32 bit		4.4.1	

IBM Domino	Operating System	Platform	Version		
			5.6	6.5, 7	8.5.x
Time Navigator for IBM Domino	Windows 2000, 2003	x86 / 32 bit	4.1	4.2.8	
	Windows 2003	x64 / 64 bit			4.4.1
Time Navigator for IBM Domino	Linux	x86 / 32 bit			4.4.1
Time Navigator for IBM Domino	AIX 5.2	PPC / 32 bit		4.2.7	
	AIX 5.2	PPC / 64 bit		4.3.3	
	AIX 5.3, 6.1	PPC / 64 bit			4.4.2



Oracle	Operating System	Platform	Version		
			9.0.1	9.2	10.x
Time Navigator for Oracle on AIX	AIX 5.1, 5.2, 5.3	PPC / 64 bit		4.2.8	
	AIX 5.3	PPC / 64 bit		4.2.8	4.4.2
	AIX 6.1	PPC / 64 bit			4.4.2
Time Navigator for Oracle on Tru64 Unix	Tru64 5.0, 5.0a, 5.1, 5.1a, 5.1b	Alpha / 64 bit	4.2.8	4.2.8	
Time Navigator for Oracle on HP-UX	HP-UX 11i v2, v3	ia64 / 64 bit		4.3.3	4.4.2
Time Navigator for Oracle on Linux	Linux, kernel 2.4 or 2.6, glibc 2.3	x86 / 32 bit	4.3.3	4.3.3	4.4.1
	Linux, kernel 2.4 or 2.6, glibc 2.3	x64 / 64 bit		4.3.3	4.6.2
	Linux, kernel 2.4 or 2.6, glibc 2.3	ia64 / 64 bit		4.3.3	4.6.2
Time Navigator for Oracle on Solaris	Solaris 8	Sparc / 64 bit	4.2.8	4.2.8	
	Solaris 9, 10	Sparc / 64 bit	4.4.0	4.4.0	4.6.2
Time Navigator for Oracle on Windows	Windows 2000, 2003	x86 / 32 bit	4.2.8	4.2.8	4.4.1
	Windows 2008	x64 / 64 bit			4.6.2

SAP R/3 on Oracle (Backint)	Operating System	Platform	Version	
			3.x, 4.x, 5.x	6.x
Time Navigator for R/3 on AIX	AIX 4.3.3, 5.1,	PPC / 64 bit	4.2.8	4.2.8
	AIX 5.3	PPC / 64 bit		4.4.2
	AIX 6.1	PPC / 64 bit		4.6.0
Time Navigator for R/3 on Tru64 Unix	Tru64 5.0, 5.0a, 5.1, 5.1a, 5.1b	Alpha / 64 bit	4.2.8	4.2.8
Time Navigator for R/3 on HP-UX	HP-UX 11	PA-RISC / 32 bit	4.2.8	4.4.1
	HP-UX 11 v2	ia64 / 64 bit		4.6.0
Time Navigator for R/3 on Linux	Red Hat Libc6.2, 6.3 Kernel 2.4, 2.6	x86 / 32 bit	4.3.3	4.3.3
	Red Hat AS 4.0	ia64 / 64 bit		4.6.0
Time Navigator for R/3 on Solaris	Solaris 2.6, 7, 8	Sparc / 32 bit	4.2.8	
	Solaris 7, 8,	Sparc / 64 bit	4.2.8	4.2.8
Time Navigator for R/3 on Windows	Windows 2000, 2003	x86 / 32 bit	4.2.8	4.2.8
	Windows Server 2003	x64 / 64 bit	4.2.8	4.2.8
	Windows Server 2003	ia64 / 64 bit	4.2.8	4.2.8



MySQL	Operating System	Platform	Version	
			5.0, 5.1	5.5
Time Navigator for MySQL	Windows Server 2003	x86 / 32 bit	4.2.8	4.2.8
	Windows Server 2003	x64 / 64 bit		4.2.8
	Red Hat 4	x86 / 32 bit	4.3.3	
	Red Hat 4	x64 / 64 bit	4.3.3	4.3.3
	Red Hat 5, 6 and SuSE 9, 10, 11	x86 / 32 bit	4.4.1	
	Red Hat 5, 6 and SuSE 9, 10, 11	x64 / 64 bit	4.6.0	
	Red Hat 5, 6 and SuSE 9, 10, 11	SPARC / 64 bit	4.6.0	
	OS X 10.4, 10.5, 10.6	x86 / 32 bit	4.2.5	

PostgreSQL	Operating System	Platform	Version	Version
			8.2, 8.3, 8.4	9.1, 9.2, 9.3, 9.4.1
Time Navigator for PostgreSQL	Windows Server 2003	x86 / 32 bit	4.2.8	
	Windows 2003	X64 / 64 bit		4.4.2
	Windows 2016	X64 / 64 bit		4.6.0
	Red Hat 4	x86 / 32 bit	4.2.8	
	OS X 10.4 Tiger	x86 / 32 bit	4.2.5	
	OS X 10.5 Leopard, 10.6 Snow Leopard	x86 / 32 bit	4.2.8	
	Solaris 10, Solaris 11	SPARC 64 bit	4.3.3	

MaxDB (Backint)	Operating System	Platform	Version
			7.6, 7.7, 7.8
Time Navigator for MaxDB on Linux	Red Hat 4	x86 / 32 bit	4.3.3
	Red Hat, SuSE 9, 10, 11	x64 / 64 bit	4.6.0
Time Navigator for Max DB on HP-UX	HP-UX 11i v2, v3	PA/RISC 64	4.4.2
Time Navigator for Max DB on Solaris	Solaris 9	SPARC x64	4.4.2
Time Navigator for Max DB on Windows	Windows 2003	X64	4.4.2
	Windows Server 2008, R2, 2012, R2	x64 / 64 bit	4.6.0



Novell Groupwise	Operating System	Version	
		TSAFS	TSA
Time Navigator for Groupwise 7	Netware 5.1, 6, 6.5	4.2.6	4.2.6
Time Navigator for Groupwise 8	OES Netware		4.2.8

Sybase ASE	Operating System	Platform	Version
			12.5
Time Navigator for Sybase on AIX	AIX 4.3.3	PPC / 32 bit	4.2.7
	AIX 5.1, 5.2, 5.3, 6.1	PPC / 64 bit	4.2.7
Time Navigator for Sybase on Tru64 Unix	Tru64 5.0, 5.0a, 5.1, 5.1a, 5.1b	Alpha / 64 bit	4.2.7
Time Navigator for Sybase on Linux	Red Hat libc6.2 Kernel 2.4	x86 / 32 bit	4.1.3
Time Navigator for Sybase on Solaris	Solaris 2.6, 7, 8	SPARC / 32 bit	4.2.7
	Solaris 8, 9, 10	SPARC / 64 bit	4.2.6
Time Navigator for Sybase on Windows	Windows 2000, 2003	x86 / 32 bit	4.2.7

Time Navigator Reporter	Operating System	Platform	Version
Time Navigator Reporter for OS X	OS X10.5 Leopard	x86	4.2.8
Time Navigator Reporter for Solaris	Solaris 9, 10	x64	4.3.3
Time Navigator Reporter for Linux	Red Hat	x86	4.3.3
Time Navigator Reporter for Windows 2003, 2008	Server	x86/x64	4.3.3

DFM/OCM	Operating System	Platform	Version
Time Navigator DFM for Windows 2003	Server	x86	4.3.3
Time Navigator DFM for Unix	Server	x86	4.3.3
Time Navigator DFM for OS X	OS X 10.4 Tiger, 10.5 Leopard	x86	4.2.6
	OS X 10.5 Leopard	x64	4.2.8
	OS X 10.6, 10.7	x64	4.4.1



NDMP	Operating System	Platform	NDMP Tape Server	NDMP Data Server	NDMP Agent
Time Navigator for NDMP on AIX	AIX 5.3	PPC / 64 bit	4.4.2	4.4.2	4.4.2
	AIX 6.1	PPC / 64 bit	4.6.0	4.6.0	4.6.0
Time Navigator for NDMP on iSeries	OS/400 V6R1	PPC / 64 bit	4.6.0	4.6.0	4.6.0
Time Navigator for NDMP on HP-UX	HP-UX 11i	PA-RISC / 64 bit	4.4.2	4.4.2	4.4.2
Time Navigator for NDMP on HP-UX	HP-UX 11i v2	ia64 / 64 bit	4.6.0	4.6.0	4.6.0
Time Navigator for NDMP on Solaris	Solaris 9	Sparc / 64 bit	4.4.2	4.4.2	4.4.2
Time Navigator for NDMP for Linux	Linux, kernel 2.4 or 2.6, glibc 2.3	x86 / 32 bit	4.4.1	4.4.1	4.4.1
	SGI ISSP 3.0, 3.1	x64 / 64 bit	4.4.2	4.4.2	4.4.2
	SGI ISSP 3.3, 3.4	x64 / 64 bit	4.5.0	4.5.0	4.5.0
	SGI ISSP 3.5, 3.6	x64 / 64 bit	4.6.0	4.6.0	4.6.0
Time Navigator for NDMP for OS X	10.7, 10.8, 10.9	x64 / 64 bit	4.4.1	4.4.1	4.4.1
Time Navigator for NDMP for OS X	10.10, 10.11	x64 / 64 bit	4.6.0	4.6.0	4.6.0
Time Navigator for NDMP for OS X	OS X 10.12, 10.13	x64 / 64 bit	4.6.0	4.6.0	4.6.0
Time Navigator for NDMP on Windows	Windows 2003	X86 / 32 bit	4.4.1	4.4.1	4.4.1

Citrix	Platform	Windows 2003	Windows 2008, R2 Windows 2012
Time Navigator Agent for Citrix XenServer 6.0, 6.2, 6.5	X86 / 32 bit	4.4.2	4.6.0

VMware	Proxy	Target	Version
HVA for VMware Support for vSphere 5.5	Cent OS 6.4, Red Hat 6.x, SUSE 10.4, 11.1, 11.2 Windows Server 2008, R2 Windows Server 2012	VLS/VTL/HSS Tape HVDS	4.6.1

HyperVision Agent for FusionCompute	Proxy	ATN Version
Time Navigator Agent for FusionCompute ²⁸ V100R005C10SPC700 Foundation Edition	SuSE 11 SP3 x64 / 64 bit	4.6.0

²⁸ Huawei VDDK does not support SAN backup or restore on 3rd party storage.



HyperStream Server	Operating System	Version
Time Navigator HyperStream for Windows	Windows Server 2003 x64	4.4.2

Others

Engenio	Time Navigator Agent for Linux	x86 platform only
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Time Navigator DFM for OS X	OS X 10.9, 10.10	X64
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