



TIME NAVIGATOR

Compatibility Guide
for Time Navigator – Version 4.6.0
November 2017

TABLE OF CONTENTS

General information about the ATN 4.6.0 Compatibility guide	2	Time Navigator for Groupwise	13
Co-residence with other Atempo products	2	HyperVision Agent for Microsoft Exchange	14
Automated Library Management Please consult the Atempo-Hardware Compatibility Guide for library & drive support	3	Time Navigator for Microsoft Exchange (classic agent)	14
Support Lifecycle.....	4	Time Navigator for Microsoft SharePoint Server	14
Time Navigator Operating system compatibility	5	Time Navigator for Microsoft SQL Server.....	15
HyperVision Agent for VMware	7	Time Navigator for SAP ERP (ECC) on Oracle (using BACKINT).....	15
HSS & HVDS Compatibility with Time Navigator	8	Time Navigator for MaxDB (using BACKINT)	16
Hyperconverged Solutions.....	8	HyperStream Server	17
HyperVision Agent for Hyper-V.....	9	HyperStream Server	17
HVDS Compatibility with Time Navigator	9	HyperStream/HVDS version support.....	17
HyperVision Agent for FusionCompute	10	Time Navigator for NDMP	18
Time Navigator – Agent for Citrix XenServer.....	10	NAS Product.....	19
Database and Application	11	Time Navigator SnapBackup	20
Time Navigator for Oracle	11	Snapshot Technology	20
Time Navigator for DB2.....	12	Time Navigator Security & Compliance Manager.....	20
Time Navigator for MySQL	12	Time Navigator Disk File Management (DFM) & Offsite Cartridge Management (OCM)	20
Time Navigator for PostgreSQL.....	12	Time Navigator Legacy Support.....	21
Time Navigator for IBM Domino.....	13		



General information about the ATN 4.6.0 Compatibility guide

Note:

Time Navigator 4.4.x Agents are fully supported with Time Navigator 4.6.0 Server.

HyperStream 4.0 is compatible with ATN 4.6.0 agents and above.

“●” *Indicates supported with the latest version of ATN 4.6.0 (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:

Time Navigator 4.6.0

Product	Version
Atempo Digital Archive	3.6 and above <i>If Time Navigator is used as the Storage Manager for ADA please check the ADA Compatibility Guide for full details.</i>
HyperStream Server	3.4.5 and above
Live Navigator	3.4.0 and above



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 4.6.0	October 2017	
ATN 4.5.2	May 2017	April 2019
<i>ATN 4.5.1</i>	<i>October 2016</i>	<i>Superseded by ATN 4.5.2</i>
<i>ATN 4.5.0</i>	<i>June 2016</i>	<i>Superseded by ATN 4.5.1</i>
ATN 4.4.x	September 2014	December 2017

HYPERSTREAM SERVER / HVDS

Product Name	General Availability	End of Support
HSS 3.4.5	October 2017	
<i>HSS 3.4.3</i>	<i>April 2017</i>	April 2019
<i>HSS 3.4.1</i>	<i>February 2017</i>	<i>Superseded by HSS 3.4.3</i>
<i>HSS 3.4.0</i>	<i>November 2016</i>	<i>Superseded by HSS 3.4.1</i>
HSS 3.3.x	January 2016	November 2017



Time Navigator Operating system compatibility

	Operating System	Platform	Web UI Server ¹	License Server	Server	Storage Node	Agent	Cluster
Time Navigator for AIX	AIX 6.1 ² , 7.1	PPC / 64 bit	●	●	●	●	●	●
Time Navigator for HP-UX	HP-UX 11i v2, v3	ia64 / 64 bit	●	●	●	●	●	●
Time Navigator Agent for IBM iSeries	OS/400 V6R1, V7.1, V7.2, V7.3					●	●	
Time Navigator Agent for FreeBSD	FreeBSD 9.x, 10.1, 11	x64 / 64 bit					●	
Time Navigator for Linux	Red Hat 5, 6.x, 7.1, 7.1, 7.2, 7.3	x64 / 64 bit	●	●	●	●	●	●
		ia64 / 64 bit	4.5.2	4.5.2	4.5.2	●	●	4.5.2
	SUSE Linux Enterprise Server 10, 11, 12	x64 / 64 bit	●	●	●	●	●	●
	Debian 8	x64 / 64 bit	●	●	●	●	●	
	Debian 5, 6, 7 CentOS 5.x, 6.x, 7, 7.4 openSUSE 11, 12.x, 13 Ubuntu 8, 9, 10, 11, 12, 13, 14, 15, 16 Oracle Linux 6, 7, other Linux ³	x64 / 64 bit	●		●	●	●	
	IBM Power on RHEL, Ubuntu, SUSE	Power			●	●	●	
	SGI ISSP 3.5, 3.6 on SLES 11 SP3, SP4 SGI ISSP 3.4, 3.5, 3.6 on RedHat Linux	x64 / 64 bit	●		●	●	●	
Time Navigator for macOS ^{4 5}	OS X Yosemite 10.0, El Capitan 10.11, Sierra 10.12	x64	●	●	●	●	●	
Time Navigator for Micro Focus (Novell)	SLES 10 OES 2	x64 / 64 bit			●	●	●	●
	SLES 11 SP2 / OES 11 SP1 / OES 2015	x64 / 64 bit		●	●	●	●	●

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)

³ Kernel 2.6 glibc 2.5 minimum required for Server and Storage Node

⁴ XSAN 3 is supported

⁵ ATN 4.6.0 Server supports OS X booted in 64 bit mode only

	<i>Operating System</i>	<i>Platform</i>	<i>Web UI Server</i> 6	<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 Solaris	Solaris 10, 11	Sparc / 64 bit	●	●	●	●	●	●	
	Solaris 10, 11	x64/ 64 bit	●	●	●	●	●	●	
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	x64 / 64 bit	●	●	●	●	●	●	●	

⁶ 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 VMware^{7 8 9}

HyperVision Agent for VMware	vSphere 6.5.2	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 HVDS External Filesystem (XDF) *
	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 External Filesystem (XDF) *
	vSphere 6.0.x	Red Hat 6.6, 7.0 SUSE 11.3, 12 Windows Server 2008 R2 Windows Server 2012, R2	VLS/VTL/HSS Tape HVDS External Filesystem (XDF) *
	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

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

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	

⁷ Antivirus must not be installed/running on Windows OS (Dokan limitation)

⁸ Ensure the VDDK version is equal or higher than the version installed

⁹ Express Restart supported with HSS/HVDS 3.4.5 or higher



HSS & HVDS Compatibility with Time Navigator

	ATN 4.5.0 / 4.5.1 / 4.5.2	ATN 4.6.0
HyperVision Agent for VMware	>HVDS 3.3.3	Obligatory HVDS 3.4.5 or higher
HyperVision Agent for Hyper-V	>HVDS 3.3.3	Obligatory HVDS 3.4.5 or higher

Hyperconverged Solutions

HyperVision Agent for VMware	Nutanix for VMware
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HyperVision Agent for Hyper-V

Host Backup

	<i>Host Machine</i>	<i>Backup Target</i>	<i>File Level Granularity</i>	<i>Comments</i>
Guest VM Windows	Windows Server 2012 R2 Hyper-V Server Core 2012 R2 Windows Server Cluster 2012 R2 Windows Server 2016	VLS/VTL/HSS Tape HVDS	Yes Yes Yes Yes	HVDS 3.4.5 or higher required
Guest VM Linux	Windows Server 2012 R2 Hyper-V Server Core 2012 R2 Windows Server Cluster 2012 R2 Windows Server 2016	VLS/VTL/HSS Tape HVDS	No No No	

HVDS Compatibility with Time Navigator

	ATN 4.5.0 / 4.5.1 / 4.5.2	ATN 4.6.0
HyperVision Agent for Hyper-V	>HVDS 3.3.3	Obligatory HVDS 3.4.5 or higher



HyperVision Agent for FusionCompute

	<i>Proxy</i>
Time Navigator Agent for FusionCompute ¹⁰ V100R005C10SPC700 Foundation Edition	SuSE 11 SP3 x64 / 64 bit

Time Navigator – Agent for Citrix XenServer

	<i>Platform</i>	<i>Windows 2008, R2</i> <i>Windows 2012</i>
Time Navigator Agent for Citrix XenServer 6.0, 6.2, 6.5, 7 ¹¹	x64 / 64 bit	●

¹⁰ Huawei VDDK does not support SAN backup or restore on 3rd party storage.

¹¹ Refer to Citrix for supported guest OS.

Database and Application

Time Navigator for Oracle ¹²

	Operating System	Platform / 32 bit, 64 bit	Oracle Release (GUI & RMAN)				
			10.1	10.2	11G 11.1	11G R2	12c ¹³
Time Navigator for Oracle on AIX	AIX 6.1	PPC / 64 bit	●	●	●	●	
	AIX 7.1	PPC / 64 bit					●
Time Navigator for Oracle on HP-UX	HP-UX 11i v2, v3	ia64 / 64 bit	●	●	●	●	●
Time Navigator for Oracle on Linux	Linux, kernel 2.4 or 2.6, glibc 2.3	x64 / 64 bit	●	●	●	●	●
		ia64 / 64 bit	●	●	●	●	
		PPC / 64 bit		●	●	●	
Time Navigator for Oracle on Solaris	Solaris 9, 10, 11	Sparc / 64 bit	●	●	●	●	●
	Solaris 10, 11	x64 / 64 bit	●	●	●	●	●
Time Navigator for Oracle on Windows	Windows Server 2008, 2008 R2, Windows 2012, R2	x64 / 64 bit x64 / 64 bit	●	●	●	●	●

¹² Includes Partial Clone (cross restore and recovery) – Unix only

¹³ Multi-tenant container database only supported with RMAN



Time Navigator for DB2

	Operating System	Platform / 32 bit, 64 bit	DB2 WE, EE Release GUI & Command Mode ¹⁴			
			9.x	9.5 & 9.7	10.1	10.5
Time Navigator for DB2 on AIX	AIX 6.1, 7.1	PPC / 64 bit	●	●	●	●
Time Navigator for DB2 on Solaris	Solaris 10 Solaris 11.1	Sparc / 64 bit	●	●	●	
	Solaris 10	x64 / 64 bit	●	●		
Time Navigator for DB2 on Linux	Linux Libc6.3 K 2.6	x64 / 64 bit	●	●	●	●
Time Navigator for DB2 on Windows	Windows 2012, R2	x64 / 64 bit			●	●

Time Navigator for MySQL

	Operating System	Platform	MySQL version			
			5.0/5.1	5.5	5.6	5.7
Time Navigator for MySQL	Windows Server 2008	x64 / 64 bit		●	●	●
	Windows Server 2012	x64 / 64 bit		●	●	●
	Red Hat 5, 6 and SuSE 9, 10, 11	x64 / 64 bit	●	●	●	●
	Solaris 10, 11	SPARC 64 bit	●	●	●	

Time Navigator for PostgreSQL

	Operating System	Platform	PostgreSQL version	PostgreSQL version
			9.1, 9.2, 9.3, 9.4.1	9.5, 9.6, 9.10
Time Navigator for PostgreSQL	Windows Server 2008	x64 / 64 bit	●	●
	Linux	x64 / 64 bit	●	●

¹⁴ pureScale supported in command mode only



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		●
	AIX 5.3, 6.1	PPC/ 64 bit	4.4.2	
	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		●



HyperVision Agent for Microsoft Exchange ^{15 16}

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

Time Navigator for Microsoft Exchange (classic agent)

	<i>Operating System</i>	<i>Platform</i>	<i>Exchange Release</i>	
			<i>Exchange 2010</i>	<i>Exchange 2013</i>
Time Navigator for Exchange	Windows 2008, R2	x64 / 64 bit	●	●
	Windows 2012, R2	x64 / 64 bit	●	●

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>
Time Navigator for SharePoint Server	Windows 2008, R2	x64 / 64 bit	●	●	
	Windows 2012, R2	x64 / 64 bit		●	
	Windows 2016	x64 / 64 bit			●

¹⁵ ATN Advanced Indexing Database not supported

¹⁶ Does not support brick level restore (email, note, calendar etc). Use ATN Exchange Agent (classic agent) for this functionality.



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</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>	<i>SAP HANA</i>
Time Navigator for SAP on AIX	AIX 6.1, 7.1	PPC / 64 bit	●	
Time Navigator for SAP on HP-UX	HP-UX 11i v2, v3	ia64 / 64 bit	●	
Time Navigator for SAP on Linux	Red Hat 6, 7	x64 / 64 bit	●	
	Red Hat AS 4.0	ia64 / 64 bit	●	
	Solaris 10, 11	x64 / 64 bit SPARC / 64 bit	●	
Time Navigator for SAP on Windows	Windows Server 2008, R2 Windows 2012, R2	x64 / 64 bit	●	
Time Navigator for SAP HANA	SUSE (SLES) 11, 12	X64		●
	Red Hat Enterprise Linux (RHEL) 6.5	X64		●



Time Navigator for MaxDB (using BACKINT)

	<i>Operating System</i>	<i>Platform</i>	<i>Release</i> <i>7.6, 7.7, 7.8</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	●

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 ¹⁷

Server	Operating System	Platform
Time Navigator HyperStream for Linux	Red Hat Linux, Cent OS	x64 kernel 2.6.32 ¹⁸
Time Navigator HyperStream for Windows	Windows Storage Server 2008 Windows Server 2008, R2 Windows Server 2012, R2 Windows Server 2016	x64 x64 x64 x64

HyperStream/HVDS version support

Agent version	HSS 3.4.1	HSS 3.3.3	HSS 3.2.6 or higher	HSS 3.1
ATN 4.6.0	●	●	Needs HSS 3.2.10 or higher	Not supported
ATN 4.5.x	●	●	●	Not supported
ATN 4.4.2		●	●	Upgrade to HSS 3.2.6 or higher
ATN 4.4.1			●	Upgrade to HSS 3.2.6 or higher

¹⁷ Mounted volumes (CIFS or NFS) are not supported for storing the block repository.

¹⁸ 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 6.1, 7.1	PPC / 64 bit	●	●	●
Time Navigator for NDMP on iSeries	OS/400 V6R1, V7.1, V7.2, V7.3		●	●	
Time Navigator for NDMP on HP-UX	HP-UX 11i v2	ia64 / 64 bit			●
	HP-UX 11i v3	ia64 / 64 bit	●	●	●
Time Navigator for NDMP on Solaris	Solaris 10, 11	Sparc / 64 bit	●	●	●
	Solaris 10, 11	x64 / 64 bit	●	●	●
Time Navigator for NDMP for Linux	Linux, kernel 2.4 or 2.6, glibc 2.3	x64 / 64 bit	●	●	●
	SGI ISSP 3.5, 3.6	x64 / 64 bit	●	●	●
Time Navigator for NDMP for OS X	OS X 10.10, 10.11, 10.12	x64 / 64 bit	●	●	●
Time Navigator for NDMP on Windows	Windows 2008, R2, 2012, R2, 2016	x64 / 64 bit	●	●	●

Time Navigator for NDMP (continued)

NAS Product

	Operating System	Platform
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
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 ¹⁹	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 / snapshot support	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

¹⁹ Isilon 7.0 cluster mode is not supported

Time Navigator SnapBackup

Snapshot Technology	Available for	Remark
Microsoft VSS	Time Navigator Agent for Windows 2008, Windows 2012	x64
	Time Navigator for Microsoft Exchange	MS Exchange 2007, 2010, 2012
	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
Engenio	Time Navigator Agent for Linux	x86 platform only

Time Navigator Security & Compliance Manager

- SCM is available on all operating systems outlined in this guide as supported “agent”, Windows and Novell.
- SCM supports the following applications: Oracle (RMAN only), SAP/R3, IBM Domino (Windows only), Exchange, SQL Server, PostgreSQL and MySQL.

Time Navigator Disk File Management (DFM) & Offsite Cartridge Management (OCM) ²⁰

	Operating System	Platform
Time Navigator DFM for Windows 2008, 2012, R2	Server	x64
Time Navigator DFM for Unix	Server	x64
Time Navigator DFM for OS X	OS X 10.9, 10.10	X64

²⁰ ATN 4.5 and above supports DFM 2.5.8 or later. Installation through command line only (see documentation for details).



Time Navigator Legacy Support

The following legacy tables indicate the **last ATN version** to support the operating system, application or database.

	Operating System	Platform / 32 bit, 64 bit	Web UI	License Server	Server	Storage Node	Agent	Cluster	Disaster Recovery
Time Navigator for AIX	AIX 4.3.3, 5.1, 5.2, 5.3	PPC / 32 bit		4.2.7	4.2.7	4.2.7	4.2.7	4.2.7	
	AIX 5.1,	PPC / 64 bit		4.2.8	4.2.8	4.2.8	4.2.8	4.2.8	
	AIX 5.2	PPC / 64 bit		4.3.3	4.3.3	4.3.3	4.3.3	4.3.3	
	AIX 5.3	PPC / 64 bit	4.4.2	4.4.2	4.4.2	4.4.2	4.4.2	4.4.2	
Time Navigator for Tru64 Unix	Tru64 5.0, 5.0a, 5.1, 5.1a, 5.1b	Alpha / 64 bit		4.2.8	4.2.8	4.2.8	4.2.8	4.2.8	
Time Navigator for HP-UX	HP-UX 11.11 (also known as 11i)	PA-RISC / 32 bit		4.2.8	4.2.8	4.2.8	4.2.8	4.2.8	
	HP-UX 11i v2, v3	PA-RISC / 64 bit	4.4.2	4.4.2	4.4.2	4.4.2	4.4.2	4.4.2	
Time Navigator for Irix	IRIX 6.5.x	MIPS / 64 bit		4.2.8	4.2.8	4.2.8	4.2.8	4.2.8	
Time Navigator for Solaris	Solaris 8	Sparc / 64 bit		4.2.8	4.2.8	4.2.8	4.2.8	4.2.8	
	Solaris 9	Sparc / 64 bit		4.4.0	4.4.0	4.4.0	4.4.0	4.4.0	
Time Navigator for Linux	Red Hat AS/ES 3.0, 4.0	x86 / 32 bit	4.3.3	4.3.3	4.3.3	4.3.3	4.3.3	4.3.3	
	Red Hat AS/ES 3.0, 4.0	x64 / 64 bit	4.3.3	4.3.3	4.3.3	4.3.3	4.3.3	4.3.3	
	Red Hat AS/ES 3.0, 4.0	ia64 / 64 bit		4.3.2	4.3.2	4.3.2	4.3.2	4.3.2	
	Red Hat AS/ES 4.0,	PPC / 64 bit					4.2.6		
	Red Hat 5, 6.1, 6.2, 6.3, 6.4, 6.5, 6.6, 7	x86 / 32 bit	4.4.2	4.4.2	4.4.2	4.4.2	4.4.2	4.4.2	
	SUSE Enterprise Server, 10, 11, 12	x86 / 32 bit	4.4.2	4.4.2	4.4.2	4.4.2	4.4.2	4.4.2	
	CentOS 5, 6.2, 6.3, 6.4, 6.5, 7		4.4.2	4.4.2	4.4.2	4.4.2	4.4.2	4.4.2	
	Debian 5, 6, 7, openSuse 11, 12.x, 13	x86 / 32 bit							
	Ubuntu 8, 9, 10, 11, 12, 13, 14	x86 / 32 bit	4.4.2	4.4.2	4.4.2	4.4.2	4.4.2	4.4.2	4.4.2
	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	4.4.2
	CentOS 4	x86 / 32 bit		4.3.3	4.2.8	4.2.8	4.2.8		
	CentOS 4	x64 / 64 bit		4.3.3	4.2.8	4.2.8	4.2.8		
	Debian 4	x86 / 32 bit		4.3.3	4.3.3	4.3.3	4.3.3		
	Debian 4	x64 / 64 bit		4.3.3	4.3.3	4.3.3	4.3.3		
	Asianux 2.0	x86 / 32 bit		4.3.3	4.2.8	4.2.8	4.2.8		
	Asianux Server 3	x86 / 32 bit		4.3.3	4.3.3	4.3.3	4.3.3		
	Mandriva 2009 & 2010	x86 / 32 bit		4.3.3	4.2.8	4.2.8	4.2.8		
	Other Linux, kernel 2.6 glibc 2.4	x86 / 32 bit				4.3.2	4.3.2		
	SGI ISSP 1.9	x64 / 64 bit			4.3.1	4.3.1	4.3.1		
	SGI ISSP 2.2, 2.4, 2.6	x64 / 64 bit			4.3.3	4.3.3	4.3.3		
SGI ISSP 1.7-1.8, 2.2, 2.4	ia64 / 64 bit			4.2.8	4.2.8	4.2.8			



	Operating System	Platform / 32 bit, 64 bit	Web UI	License Server	Server	Storage Node	Agent	Cluster	Disaster Recovery
	SGI ISSP 3.0 on SLES11 SGI ISSP 3.1 on RedHat Linux SGI ISSP 3.3, SLES 11 SP3	x64 / 64 bit			4.5.0	4.5.0	4.5.0		
	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		
	OS X 10.4 Tiger	x86 / 32 bit		4.2.5	4.2.5	4.2.5	4.2.5		
	OS X 10.5 Leopard	PPC		4.2.8	4.2.8	4.2.8	4.2.8		
	OS X 10.5 Leopard	x86 / 32 bit		4.2.8	4.2.8	4.2.8	4.2.8		
	OS X 10.6 Snow Leopard	x64		4.3.3	4.3.3	4.3.3	4.3.3		
	OS X 10.7, 10.8, OS X 10.9	X64 X64		4.4.1 4.5.0	4.4.1 4.5.0	4.4.1 4.5.0	4.4.1 4.5.0		
	Time Navigator for Windows	Windows 2000 Server/Advanced SP4	x86 / 32 bit			4.2.8	4.2.8	4.2.8	4.2.8
Windows 2000 SAK		x86 / 32 bit				4.3.3	4.3.3		
Windows Server 2003 / 2003 R2		ia64 / 64 bit			4.2.6	4.2.6	4.2.6		4.2.6
Windows 2003 / 2003 R2		x86 / 32 bit		4.4.2	4.4.2	4.4.2	4.4.2	4.4.2	4.4.2
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
Windows XP Professional >= SP2		x86 / 32 bit					4.3.3		4.3.3
Windows XP Professional >= SP2		x64 / 64 bit					4.3.3		4.3.3
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	4.4.2
Windows Storage Server 2003/R2		x86 / 32 bit	4.4.2	4.4.2	4.4.2	4.4.2	4.4.2	4.4.2	4.4.2
Windows 7		x86 / 32 bit					4.4.2		4.4.2
Windows Server 2008		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 Agent for FreeBSD	FreeBSD 5.4 ,6.0, 6.1, 6.3, 7.0, 7.2, 8.0	x86 / 32 bit					4.2.8		
	FreeBSD 6.1, 6.3, 7.0, 7.2, 8.0	x64 / 64 bit					4.2.8		
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		
	Netware 6.5	x86 / 32 bit					4.2.6	4.2.6	
	SLES 9 OES	x86 / 32 bit			4.3.3	4.3.3	4.3.3		
	SLES 10 OES 2	x86 / 32 bit			4.3.3	4.3.3	4.3.3	4.3.3	
Time Navigator Agent for VMS	Open VMS 7.2, 7.3, 8.2	Alpha					4.1		
	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
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	

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
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	Linux	X86 / 32 bit		4.4.1
Time Navigator for DB2 on Solaris	Solaris 8	Sparc / 64 bit	4.2.8	4.2.8
	Solaris 9	Sparc / 64 bit		4.4.2
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	

Oracle	Operating System	Platform	Version		
			9.0.1	9.2	10.x, 11.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
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	
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	
	Linux, kernel 2.4 or 2.6, glibc 2.3	ia64 / 64 bit		4.3.3	

Oracle	Operating System	Platform	Version		
			9.0.1	9.2	10.x, 11.x
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	
Time Navigator for Oracle on Windows	Windows 2000, 2003	x86 / 32 bit	4.2.8	4.2.8	4.4.1

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
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
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
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	
	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
	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	
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	

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
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 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
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 on Windows	Windows 2003	X86 / 32 bit	4.4.1	4.4.1	4.4.1



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

HyperStream Server

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