



hp OpenView storage data protector 5.5 supported devices

Version 2.10

Date: March 20th, 2006

This matrix displays support for both Storage Area Network (SAN) environments and direct attached storage connections. All media technologies and devices listed as supported with HP-UX, Windows, AIX, Tru64, Linux, Netware, OpenVMS and Solaris are supported in both a SAN environment and in a direct attached storage connection. Support listed for SNI Unix, SCO Unix and MPE is valid only for direct attached storage SCSI-to-SCSI connections. Data Protector supports only library and drive combinations supported by the hardware vendor.

The tables below list the media technology and backup devices that are certified and supported with Data Protector 5.5. If both the media technology and the device/library are listed as supported upon the operating system on which it is to be connected, Data Protector 5.5 support exists.

For example, to employ a HP Surestore 2/20 containing HP LTO Ultrium drives with Data Protector 5.5 upon HP-UX, from checking the two tables below you will see that both the device and media technology are supported. Therefore, this is a supported Data Protector 5.5 configuration.

Although other devices may work with Data Protector 5.5, Hewlett-Packard only supports those listed within this document.

Explanation of symbols used within the matrix:

✓ refers to full Hewlett-Packard support.

● refers to devices that have been qualified as interoperable in HP-UX environments and supported with Data Protector 5.5. Please refer to HP [‘third party mass storage devices’](#). Only those devices listed on the ‘third party mass storage devices’ matrix are supported with Data Protector 5.5.

☑ refers to ‘Referenced Support’. Some combinations have been qualified as interoperable in HP-UX environments and supported with Data Protector 5.5. Please refer to HP [‘third party mass storage devices’](#). For all other combinations Referenced Support incorporates full Hewlett-Packard support for Data Protector 5.5 only. For any device related issues, please contact the corresponding product vendor first.

In addition, be aware of the following:

- For all devices listed below, please check the hardware I/O bus configuration with your device vendor to make sure your device also supports the I/O bus architecture.
- For Data Protector 5.5 device support on Windows NT please refer to the [Data Protector 5.1 Device Support Matrix](#). All devices listed as supported with Windows NT on the [Data Protector 5.1 Device Support Matrix](#) are also support with Data Protector 5.5 on Windows NT with SSPNT550_010.
- Windows 2003 StorPort port driver is supported with Windows 2003 SP1 class drivers. Windows 2003 tape and robotic class drivers need to be enabled.
- Data Protector 5.5 supports mixed media libraries. For further information please refer to the Data Protector Administrator's Guide.
- Tape pools recycle management and a spare pool configuration is not supported when the tape library is populated with incompatible media from the same media type.
- The IBM AIX and SNI Unix media agent supports drives only; the library robotic must be connected to a system that supports a Data Protector Media Agent with robotic support i.e. an HP-UX, Sun Solaris, Linux or a Windows system.
- On HP-UX libraries with more than one SCSI interface, the robotic control is not supported on an EISA-SCSI card.
- STK ACSLS libraries are supported on HP-UX, Windows, Solaris and AIX media agents. However, it is possible for all other Data Protector media agents to control ACSLS robotics indirectly through a HP-UX, Windows, Solaris and AIX media agent.
- ADIC DAS libraries are supported on the HP-UX and AIX media agents. However, it is possible for all other Data Protector media agents to control DAS robotics indirectly through a HP-UX and AIX media agent.
- On Novell Netware, fibre channel attached devices must not have SCSI ID (or target ID) higher than 15.
- Data Protector Magazine support is supported only with DDS and DLT tape drives.
- Some devices do not support SCSI auto-configuration and must be configured manually.
- Data Protector allows the sharing of multi-drive libraries (with more than one SCSI-II interface) between multiple systems and multiple cells, the robotic control running on an HP-UX, Windows, OpenVMS or Sun Solaris system.
- A library's drives and robotics can be shared between multiple cells using the Manager-of-Managers server cell and CMMDB (Centralized Media Management Database).
- The library extension license is required for supporting a library with more than 60 slots.

- Robotics on Solaris is supported only when attached through SCSI or ACSLS. Fibre channel connectivity is not supported.
- Magnetic Optical WORM (Write once read many) media is not supported with Data Protector. Although all magneto-optical drives do support magneto-optical WORM (write once read many) media, only the magneto-optical re-writable media is supported with Data Protector.
- Data Protector 5.5 supports HP Ultrium Data Cartridges Write-Once Read-Many (WORM) and STK VoSale WORM media.
- It is recommended that no more than 512 drives and 1500 slots be configured for each logical library in Data Protector 5.5.
- On Windows 2000 and Novell Netware the following SCSI interface cards are supported:
 - HP: 268351-B21, 129803-B21, 374654-B21 ,154457-B21, C7474A, 284688-B21, A7059A, A7060A, 348757-B21
 - Adaptec: 29320, 2940UW, 2940U, 2940, 2944W, 2944UW, 2940U2W(LVDS), 3940, 770X family, 780X family, 29160, 39160
 - Symbios/LSI: 22915, 22903, 8751, 8951, and SYM8952; on-board SCSI chips 53C875 and 53C895
 - AMD
 - Compaq Smart Array 5i

new	drive technology	configure with Data Protector media type	HP-UX PA	HP-UX IA	Windows 2000/XP/2003(32bit)	Windows 64bit	Sun Solaris	IBM AIX	Linux 32bit	Linux 64bit	SNI Sinix	Sco Unix	Novell Netware	MPE	Tru64	OpenVMS
	File Library Device	'File'	✓	✓	✓	✓	✓	✓	✓	✓			✓		✓	✓
	Standalone\Jukebox File Device	'File'	✓	✓	✓	✓	✓	✓	✓	✓			✓		✓	✓
	HP Rewritable MO disk	'Optical'	✓	✓	✓	✓										
	HP Rewritable UDO disk	'Optical'	✓	✓	✓	✓										
	DDS-2	'DDS'	✓				✓	✓			✓		✓			✓ ¹²
	DDS-3	'DDS'	✓		✓		✓	✓	✓		✓		✓	✓		
	DDS-4	'DDS'	✓	✓	✓	✓	✓	✓	✓				✓			
	DAT72	'DDS'	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓	✓

new	drive technology	configure with Data Protector media type	HP-UX PA	HP-UX IA	Windows 2000/XP/2003(32bit)	Windows 64bit	Sun Solaris	IBM AIX	Linux 32bit	Linux 64bit	SNI Sinix	Seco Unix	Novell Netware	MPE	Tru64	OpenVMS
N	DAT24 USB	'DDS'			✓ ¹⁸	✓ ¹⁸			✓	✓						
N	DAT40 USB	'DDS'			✓ ¹⁸	✓ ¹⁸			✓	✓						
N	DAT72 USB	'DDS'			✓ ¹⁸	✓ ¹⁸			✓	✓						
	DLT4000	'DLT'	✓		✓		✓	✓	✓		✓		✓	✓		
	DLT7000	'DLT'	✓		✓		✓	✓			✓	✓	✓		✓	✓
	DLT8000	'DLT'	✓	✓	✓	✓	✓	✓	✓				✓	✓	✓	✓ ¹²
	DLT1	'DLT'	✓		✓		✓	✓	✓							
	DLT VS80	'DLT'	✓	✓	✓	✓	✓	✓	✓				✓			
	DLT VS160	'DLT'	✓	✓	✓	✓	✓	✓	✓	✓			✓		✓	
N	DLT V-4	'DLT'	☑	☑	✓	✓		✓	✓	✓			✓		✓	✓
	SuperDLT 220	'SuperDLT'	✓	✓	✓	✓	✓	✓	✓				✓		✓	✓ ¹²
	SuperDLT 320	'SuperDLT'	✓	✓	✓	✓	✓	✓	✓	✓			✓		✓	✓
	Quantum SuperDLT600	"SuperDLT"	☑ ²⁰		✓	✓	✓	✓	✓	✓			✓		✓	✓
	HP SuperDLT600	"SuperDLT"	✓	✓	✓	✓	✓	✓	✓	✓			✓		✓	✓
	AIT-1	'AIT'		✓		✓										
	AIT-2	'AIT'			✓			✓	✓				✓		✓	✓ ¹²
	AIT-3	'AIT'	☑ ¹⁶		✓	✓		✓	✓	✓			✓			
N	AIT-3Ex	'AIT'	☑ ¹⁶		✓	✓	✓	✓	✓	✓		✓	✓		✓	

new	drive technology	configure with Data Protector media type	HP-UX PA	HP-UX IA	Windows 2000/XP/2003(32bit)	Windows 64bit	Sun Solaris	IBM AIX	Linux 32bit	Linux 64bit	SNI Sinix	Seco Unix	Novell Netware	MPE	Tru64	OpenVMS	
			<input checked="" type="checkbox"/>														
	STK9490	'T3480'	<input checked="" type="checkbox"/>														
	STK3480/3490e	'T3480'	<input checked="" type="checkbox"/>														
	STK9840A	'T9840'	<input checked="" type="checkbox"/>		✓		✓	✓	✓				✓				
	STK9840B	'T9840'	●		✓		✓	✓	✓								
	STK9840C	'T9840'	●		✓	✓	✓	✓	✓	✓			✓				
	STK9940A	'T9940'	<input checked="" type="checkbox"/>		✓												
	STK9940B	'T9940'	●	<input checked="" type="checkbox"/>	✓		✓	✓	✓				✓				
	STKT10000	'T9940'	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	✓	✓	✓										
	IBM 3590B	'T3590'	<input checked="" type="checkbox"/>					✓									
	IBM 3590E	'T3590'	<input checked="" type="checkbox"/>		✓		✓	✓									
	IBM3590H	'T3590'			✓		✓	✓									
	IBM3592	'T3592'			✓			✓									
	Exabyte Mammoth-1	'ExaByte'											✓				
	Exabyte M2	'ExaByte'			✓												
	Compaq TZ86	'DLT'															✓ ¹²
	Compaq TZ87	'DLT'															✓ ¹²
	Compaq TZ88	'DLT'					✓	✓			✓		✓				✓ ¹²
	Compaq TZ89	'DLT'			✓										✓		✓ ¹²

new	Hewlett-Packard	HP-UX PA	HP-UX IA	Windows 2000/XP/2003(32bit)	Windows 64bit	Sun Solaris	IBM AIX	Linux 32bit	Linux 64bit	SNI Sinix	Sco Unix	Novell	MPE	Tru64	OpenVMS
	Model														
	Optical Jukebox 2300ux	✓	✓	✓	✓										
	Optical Jukebox 3800ux	✓	✓	✓	✓										
	Optical Jukebox 7100ux	✓	✓	✓	✓										
	DAT/DDS-2 standalone	✓				✓	✓			✓		✓			
	DAT/DDS-3 standalone	✓		✓		✓	✓	✓		✓		✓	✓		
	DAT/DDS2 autoloader					✓	✓ ⁴			✓ ⁴		✓			
	DAT/DDS-2 autoloader (48AL)	✓				✓	✓ ⁴			✓ ⁴		✓			
	DAT/DDS-3 autoloader	✓		✓		✓	✓ ⁴	✓		✓ ⁴		✓			
	Surestore Tape 6000i/Eu					✓	✓			✓		✓			
	Surestore 12000e autoloader					✓	✓ ⁴			✓ ⁴		✓			
	Surestore T4i/e						15								
	Surestore DAT8i/e/eU	✓				✓	✓			✓		✓			
	Surestore DAT24i/Eu	✓		✓		✓	✓	✓		✓		✓	✓		
	Surestore DAT40e	✓	✓	✓	✓	✓	✓	✓				✓			
	Surestore DAT40i	✓	✓	✓	✓	✓	✓	✓				✓			
	Smart Storage DLT autoloader			✓		✓	✓ ⁴								
	Surestore DLT40e/i	✓		✓		✓	✓	✓		✓		✓	✓		
	Surestore DLT70e	✓		✓		✓	✓			✓	✓	✓		✓	✓ ¹²

new	Hewlett-Packard	HP-UX PA	HP-UX IA	Windows 2000/XP/2003(32bit)	Windows 64bit	Sun Solaris	IBM AIX	Linux 32bit	Linux 64bit	SNI Sinix	Sco Unix	Novell	MPE	Tru64	OpenVMS
	Model														
	Surestore DLT80e/i/r	✓	✓	✓	✓	✓	✓	✓				✓	✓	✓	✓ ¹²
	Surestore DLT 418 autoloader	✓		✓											
	Surestore 718 DLT autoloader	✓		✓											
	Surestore 818 DLT autoloader	✓		✓		✓	15	✓							
	Surestore 1/15, 2/15 DLT library	✓		✓		✓	15								
	Surestore 2/28 DLT library	✓		✓		✓	15								
	Surestore 2/48, 4/48 DLT library	✓		✓		✓	15	✓							
	Surestore 3/30 DLT library			✓			15								
	Surestore 6/100 DLT library			✓			15								
	Surestore 10/588 DLT library			✓			15								
	DDS-2/DAT8 standalone	✓				✓	✓			✓		✓			
	Advanced DLT library	✓				✓	15								
	Advanced DLT library	✓				✓	15								
	StorageWorks DAT24 SCSI standalone	✓		✓		✓	✓	✓		✓		✓	✓		
	Smart Storage DDS-3 standalone	✓		✓		✓	✓	✓		✓		✓	✓		
	StorageWorks DAT40 SCSI standalone	✓	✓	✓	✓	✓	✓	✓				✓			
	Smart Storage DDS-4 standalone	✓	✓	✓	✓	✓	✓	✓				✓			
	StorageWorks DAT72 SCSI standalone	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓	✓

new	Hewlett-Packard	HP-UX PA	HP-UX IA	Windows 2000/XP/2003(32bit)	Windows 64bit	Sun Solaris	IBM AIX	Linux 32bit	Linux 64bit	SNI Sinix	Seco Unix	Novell	MPE	Tru64	OpenVMS
	Model														
N	StorageWorks DAT24 USB standalone			✓ ¹⁸	✓ ¹⁸				✓						
N	StorageWorks DAT40 USB standalone			✓ ¹⁸	✓ ¹⁸				✓						
N	StorageWorks DAT72 USB standalone			✓ ¹⁸	✓ ¹⁸				✓						
	Surestore DLT4000 standalone	✓		✓		✓	✓	✓		✓		✓	✓		
	Smart Storage DLT4000 standalone	✓		✓		✓	✓	✓		✓		✓	✓		
	Surestore DLT7000 standalone	✓		✓		✓	✓			✓	✓	✓		✓	✓ ¹²
	Smart Storage DLT7000 standalone	✓		✓		✓	✓			✓	✓	✓		✓	✓ ¹²
	Surestore DLT8000 standalone	✓	✓	✓	✓	✓	✓	✓				✓	✓	✓	✓ ¹²
	Smart Storage DLT8000 standalone	✓	✓	✓	✓	✓	✓	✓				✓	✓	✓	✓ ¹²
	Surestore DLT1 standalone	✓		✓		✓	✓	✓							
	DLT VS80 standalone	✓	✓	✓	✓	✓	✓	✓				✓			
	HP StorageWorks VS160 Standalone	✓	✓	✓	✓	✓		✓	✓			✓		✓	
	Surestore Ultrium 215 standalone	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓			✓ ¹²
	Surestore Ultrium 230 standalone	✓	✓	✓	✓	✓	✓	✓	✓			✓			✓ ¹²
N	HP StorageWorks Ultrium 232 standalone	✓	✓	✓	✓	✓	✓	✓	✓			✓			
	HP StorageWorks Ultrium 448 standalone	✓	✓	✓	✓	✓	✓	✓	✓			✓			
	HP StorageWorks Ultrium 460 standalone	✓	✓	✓	✓	✓	✓	✓	✓			✓			✓ ¹²

new	Hewlett-Packard	HP-UX PA	HP-UX IA	Windows 2000/XP/2003(32bit)	Windows 64bit	Sun Solaris	IBM AIX	Linux 32bit	Linux 64bit	SNI Sinix	Seco Unix	Novell	MPE	Tru64	OpenVMS
	Model														
	HP StorageWorks Ultrium 960 standalone	✓	✓	✓	✓	✓	✓	✓	✓			✓		✓	✓ ¹²
	Surestore DAT24x6i/e autoloader	✓		✓		✓	✓ ⁴	✓		✓ ⁴		✓	✓		
	Surestore DAT40x6i/e Autoloader	✓	✓	✓	✓	✓		✓				✓			
	Smart Storage DDS-3 autoloader	✓		✓		✓	✓	✓		✓ ⁴		✓	✓		
	Smart Storage DDS-4 autoloader	✓		✓		✓		✓				✓			
	Tape Array 5300	✓		✓		✓	✓	✓				✓			
	Tape Array 5500	✓		✓		✓	✓	✓				✓			
	Surestore 1/9 autoloader	✓		✓		✓	15	✓							
	Surestore 1/20 tape library	✓	✓	✓	✓	✓	15	✓				✓	✓		
	Surestore 2/20 tape library	✓	✓	✓	✓	✓	15	✓				✓	✓		
	Surestore 2/40 tape library	✓	✓	✓	✓	✓	15	✓				✓	✓		
	Surestore 4/40 tape library	✓	✓	✓	✓	✓	15	✓				✓	✓		
	Surestore 2/60 tape library	✓	✓	✓	✓	✓	15	✓				✓	✓		
	Surestore 4/60 tape library	✓	✓	✓	✓	✓	15	✓				✓	✓		
	Surestore 6/60 tape library	✓	✓	✓	✓	✓	15	✓				✓	✓		
	Surestore 6/80 tape library	✓	✓	✓	✓	✓	15	✓				✓	✓		
	Surestore 8/80 tape library	✓	✓	✓	✓	✓	15	✓				✓	✓		
	Surestore 6/100 tape library	✓	✓	✓	✓	✓	15	✓				✓	✓		

new	Hewlett-Packard	HP-UX PA	HP-UX IA	Windows 2000/XP/2003(32bit)	Windows 64bit	Sun Solaris	IBM AIX	Linux 32bit	Linux 64bit	SNI Sinix	Seco Unix	Novell	MPE	Tru64	OpenVMS
	Model														
	Surestore 4/100 tape library	✓	✓	✓	✓	✓	15	✓				✓	✓		
	Surestore 10/100 tape library	✓	✓	✓	✓	✓	15	✓				✓	✓		
	Surestore 6/120 tape library	✓	✓	✓	✓	✓	15	✓				✓	✓		
	Surestore 6/140 tape library	✓	✓	✓	✓	✓	15	✓				✓	✓		
	Surestore 10/180 Inc. mixed media support	✓		✓		✓	15	✓				✓		✓	
	Surestore 20/700 Inc. mixed media support	✓		✓		✓	15	✓				✓		✓	
	DLT 40/80 standalone	✓		✓ ⁶		✓	✓	✓				✓	✓		
	SDLT 220 standalone	✓	✓	✓ ⁶	✓	✓	✓	✓				✓		✓	✓ ¹²
	SDLT 320 standalone	✓	✓	✓ ⁶	✓	✓	✓	✓	✓			✓ ¹⁰		✓	✓ ¹²
	SDLT 600 standalone	✓	✓	✓ ⁶	✓	✓	✓	✓	✓			✓		✓	✓ ¹²
	StorageWorks AIT 35/70			✓ ⁶											
	StorageWorks AIT 50/100			✓ ⁶			✓	✓						✓	
	StorageWorks AIT 100/200			✓ ⁶			✓								
	DAT 12/24			✓ ⁶			✓								
	DAT 20/40			✓ ⁶			✓								
	20/40 GB 8 Cassette Autoloader			✓ ⁶											
	StorageWorks DAT40x6 Autoloader	✓		✓	✓	✓		✓				✓			
	StorageWorks DAT72x6 Autoloader	✓	✓	✓	✓	✓		✓	✓			✓			

new	Hewlett-Packard	HP-UX PA	HP-UX IA	Windows 2000/XP/2003(32bit)	Windows 64bit	Sun Solaris	IBM AIX	Linux 32bit	Linux 64bit	SNI Sinix	Sco Unix	Novell	MPE	Tru64	OpenVMS
	Model														
	DLT1 1280 SuperLoader			✓ ⁶											
	1/8 series tape autoloader with DLT VS80 tape drive	✓	✓	✓	✓	✓		✓	✓			✓			
	1/8 series tape autoloader with Ultrium 230 tape drive	✓	✓	✓	✓	✓		✓	✓			✓			
N	1/8 series tape autoloader with Ultrium 232 tape drive	✓	✓	✓	✓	✓		✓	✓			✓			
N	1/8 series tape autoloader with Ultrium 448 tape drive	✓	✓	✓	✓	✓		✓	✓			✓			
	1/8 series tape autoloader with Ultrium 460 tape drive	✓	✓	✓	✓	✓		✓	✓			✓		✓	
N	1/8 series tape autoloader with Ultrium 960 tape drive	✓	✓	✓	✓			✓	✓					✓	
	1/8 series tape autoloader with SDLT320 tape drive	✓	✓	✓	✓	✓		✓	✓			✓		✓	
	HP StorageWorks SSL1016 DLT1 tape autoloader	✓		✓								✓			
	HP StorageWorks SSL1016 SDLT320 tape autoloader	✓	✓	✓	✓	✓		✓				✓			
	HP StorageWorks SSL1016 LTO 460 tape autoloader	✓	✓	✓ ¹⁰	✓	✓		✓				✓		✓	
	HP StorageWorks SSL2020TL			✓ ⁶		✓	15	✓				✓		✓	✓ ¹²
	HP StorageWorks MSL5026DLX	✓		✓ ⁶		✓	15	✓				✓			✓ ¹²
N	HP StorageWorks MSL2024 Tape Library	✓	✓	✓ ⁶	✓			✓	✓					✓	
N	HP StorageWorks MSL4048 Tape Library	✓	✓	✓ ⁶	✓			✓	✓					✓	
	HP StorageWorks MSL5026SL	✓	✓	✓ ⁶	✓	✓	15	✓				✓		✓	✓ ¹²
	HP StorageWorks MSL5026S2	✓	✓	✓ ⁶	✓	✓	15	✓				✓		✓	✓ ¹²

new	Hewlett-Packard	HP-UX PA	HP-UX IA	Windows 2000/XP/2003(32bit)	Windows 64bit	Sun Solaris	IBM AIX	Linux 32bit	Linux 64bit	SNI Sinix	Seco Unix	Novell	MPE	Tru64	OpenVMS
	Model														
	HP StorageWorks MSL5026 with SDLT 600 tape drives	✓	✓	✓ ⁶	✓	✓	15	✓				✓			✓ ¹²
	HP StorageWorks MSL5052SL	✓	✓	✓ ⁶	✓	✓	15	✓				✓		✓	✓ ¹²
	HP StorageWorks MSL5052S2	✓	✓	✓ ⁶	✓	✓	15	✓				✓		✓	✓ ¹²
	HP StorageWorks MSL5052 with SDLT 600 tape drives	✓	✓	✓ ⁶	✓	✓	15	✓				✓			✓ ¹²
	HP StorageWorks MSL5030L1	✓	✓	✓ ⁶	✓	✓	15	✓				✓			✓ ¹²
	HP StorageWorks MSL5030 with Ultrium 960 tape drives	✓	✓	✓ ⁶	✓	✓	15	✓				✓			✓ ¹²
	HP StorageWorks MSL5060L1	✓	✓	✓ ⁶	✓	✓	15	✓				✓			✓ ¹²
	HP StorageWorks MSL5060 with Ultrium 960 tape drives	✓	✓	✓ ⁶	✓	✓	15	✓				✓			✓ ¹²
	HP StorageWorks MSL6030 with Ultrium 460 tape drives	✓	✓	✓	✓	✓	15	✓	✓			✓		✓	✓ ¹²
	HP StorageWorks MSL6060 with Ultrium 460 tape drives	✓	✓	✓	✓	✓	15	✓	✓			✓		✓	✓ ¹²
	HP StorageWorks MSL6030 with Ultrium 960 tape drives	✓	✓	✓	✓	✓	15	✓	✓			✓		✓	✓ ¹²
	HP StorageWorks MSL6060 with Ultrium 960 tape drives	✓	✓	✓	✓	✓	15	✓	✓			✓		✓	✓ ¹²
	HP StorageWorks MSL6026 with SuperDLT 600 tape drives	✓	✓	✓	✓	✓	15	✓	✓			✓		✓	✓ ¹²
	HP StorageWorks MSL6052 with SuperDLT 600 tape drives	✓	✓	✓	✓	✓	15	✓	✓			✓		✓	✓ ¹²
	HP StorageWorks ESL9198SL	✓	✓	✓ ⁶	✓	✓	15	✓				✓		✓	✓ ¹²
	HP StorageWorks ESL9198DLX	✓		✓ ⁶		✓	15	✓				✓			✓ ¹²
	HP StorageWorks ESL9198 with SDLT600 tape drives	✓	✓	✓	✓	✓	15	✓	✓			✓		✓	✓ ¹²

new	Hewlett-Packard	HP-UX PA	HP-UX IA	Windows 2000/XP/2003(32bit)	Windows 64bit	Sun Solaris	IBM AIX	Linux 32bit	Linux 64bit	SNI Sinix	Seco Unix	Novell	MPE	Tru64	OpenVMS
	Model														
	HP StorageWorks ESL9322S2	✓	✓	✓ ⁶	✓	✓	15	✓	✓			✓		✓	✓ ¹²
	HP StorageWorks ESL9322L1	✓	✓	✓ ⁶	✓	✓	15	✓				✓			✓ ¹²
	HP StorageWorks ESL9322 with Ultrium 460 tape drives	✓	✓	✓	✓	✓	15	✓	✓			✓		✓	✓ ¹²
	HP StorageWorks ESL9322 with SDLT600 tape drives	✓	✓	✓	✓	✓	15	✓	✓			✓		✓	✓ ¹²
	HP StorageWorks ESL9595SL	✓	✓	✓ ⁶	✓	✓	15	✓				✓		✓	✓ ¹²
	HP StorageWorks ESL9595L1	✓	✓	✓ ⁶	✓	✓	15	✓				✓			✓ ¹²
	HP StorageWorks ESL9595 with Ultrium 460 tape drives	✓	✓	✓	✓	✓	15	✓	✓			✓		✓	✓ ¹²
	HP StorageWorks ESL9595S2	✓	✓	✓ ⁶	✓	✓	15	✓	✓			✓		✓	✓ ¹²
	HP StorageWorks ESL9595 with SDLT600 tape drives	✓	✓	✓	✓	✓	15	✓	✓			✓		✓	✓ ¹²
	HP StorageWorks ESL9326DX	✓		✓ ⁶		✓	15	✓				✓			✓ ¹²
	HP StorageWorks ESL9326SL	✓	✓	✓ ⁶	✓	✓	15	✓				✓		✓	✓ ¹²
	HP StorageWorks ESL9326D	✓		✓		✓	15					✓		✓	✓ ¹²
	HP StorageWorks ESL9326 with SDLT600 tape drives	✓	✓	✓	✓	✓	15	✓	✓			✓		✓	✓ ¹²
	HP StorageWorks ESL E-Series 286e	✓	✓	✓	✓	✓	15	✓	✓			✓			✓ ¹²
	HP StorageWorks ESL E-Series 322e	✓	✓	✓	✓	✓	15	✓	✓			✓			✓ ¹²
	HP StorageWorks ESL E-Series 630e	✓	✓	✓	✓	✓	15	✓	✓			✓			✓ ¹²
	HP StorageWorks ESL E-Series 712e	✓	✓	✓	✓	✓	15	✓	✓			✓			✓ ¹²

new	ADIC Model	HP-UX PA	HP-UX IA	Windows 2000/XP/ 2003(32bit)	Windows 64bit	Sun Solaris	IBM AIX	Linux 32bit	Linux 64bit	SNI Sinix	Sco Unix	Novell	MPE	Tru64
	Pathlight VX-650 VTL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
N	SCALAR i500 ¹⁹	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>								

new	Archive Model	HP-UX PA	HP-UX IA	Windows 2000/XP/ 2003(32bit)	Windows 64bit	Sun Solaris	IBM AIX	Linux 32bit	Linux 64bit	SNI Sinix	Sco Unix	Novell	MPE	Tru64
	Python 20/40 DAT			<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>						
	Python 12/24 DAT			<input checked="" type="checkbox"/>								<input checked="" type="checkbox"/>		

new	BDT Model	HP-UX PA	HP-UX IA	Windows 2000/XP/ 2003(32bit)	Windows 64bit	Sun Solaris	IBM AIX	Linux 32bit	Linux 64bit	SNI Sinix	Sco Unix	Novell	MPE	Tru64
	ThinStor 1/8 Autoloader			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>		

new	Benchmark Model	HP-UX PA	HP-UX IA	Windows 2000/XP/ 2003(32bit)	Windows 64bit	Sun Solaris	IBM AIX	Linux 32bit	Linux 64bit	SNI Sinix	Sco Unix	Novell	MPE	Tru64
	ValuSmart Tape 80			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>		
	ValuSmart Tape VS160			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>						
	ValuSmart Tape 640 Blade			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>		

new	Breece Hill	HP-UX PA	HP-UX IA	Windows 2000/XP/2003(32bit)	Windows 64bit	Sun Solaris	IBM AIX	Linux 32bit	Linux 64bit	SNI Sinix	Sco Unix	Novell	MPE	Tru64
	Model													
	Q70 Saguario					✓								
	Q140 Saguario					✓								
	Q210 Saguario					✓								

new	Certance/Seagate	HP-UX PA	HP-UX IA	Windows 2000/XP/2003(32bit)	Windows 64bit	Sun Solaris	IBM AIX	Linux 32bit	Linux 64bit	SNI Sinix	Sco Unix	Novell	MPE	Tru64
	Model													
	Seagate RSS (Certance) Scorpion 40			✓	✓			✓	✓			✓		
	Seagate RSS (Certance) Viper 200 LTO (i/e) Standalone			✓	✓	✓	✓	✓	✓			✓		
	Seagate RSS (Certance) Viper 2000 Autoloader			✓										
	Certance (Seagate RSS) CD 40 (DDS-4)			✓										
	Certance (Seagate RSS) CD 72 (DAT72)			✓	✓			✓				✓		
	Certance (Seagate RSS) CL 432 (DAT72)			✓	✓			✓				✓		
	Certance (Seagate RSS) CDL 432 (DAT72)			✓	✓			✓				✓		
	Certance (Seagate RSS) CL 200 (LTO Ultrium 1)			✓	✓	✓	✓	✓	✓			✓		
	Certance (Seagate RSS) CL 400 (LTO Ultrium 2)			✓	✓			✓	✓			✓		
	Certance (Seagate RSS) CL 800 (LTO Ultrium 3)				✓			✓	✓					
	Certance (Seagate RSS) CLL 1600 LTO1 Autoloader			✓	✓			✓	✓			✓		

New	FalconStor	HP-UX PA	HP-UX IA	Windows 2000/XP/2003(32bit)	Windows 64bit	Sun Solaris	IBM AIX	Linux 32bit	Linux 64bit	SNI Sinix	Sco Unix	Novell	MPE	Tru64
	Model													
	VirtualTape Library	<input checked="" type="checkbox"/>		✓					<input checked="" type="checkbox"/>					

new	Fujitsu_Siemens	HP-UX PA	HP-UX IA	Windows 2000/XP/2003(32bit)	Windows 64bit	Sun Solaris	IBM AIX	Linux 32bit	Linux 64bit	SNI Sinix	Sco Unix	Novell	MPE	Tru64
	Model													
	CentricStor VTL ¹⁷	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	✓		✓								

New	Hitachi	HP-UX PA	HP-UX IA	Windows 2000/XP/2003(32bit)	Windows 64bit	Sun Solaris	IBM AIX	Linux 32bit	Linux 64bit	SNI Sinix	Sco Unix	Novell	MPE	Tru64
	Model													
	L1/20 Tape Library	●	●	✓		✓	15	✓						
	L2/20 Tape Library	●	●	✓		✓	15	✓						
	L2/40 Tape Library	●	●	✓		✓	15	✓						
	L4/40 Tape Library	●	●	✓		✓	15	✓						
	L2/80 Tape Library	●	●	✓		✓	15	✓						
	L4/80 Tape Library	●	●	✓		✓	15	✓						
	L6/80 Tape Library	●	●	✓		✓	15	✓						
	L8/80 Tape Library	●	●	✓		✓	15	✓						

new	Overland Data	HP-UX PA	HP-UX IA	Windows 2000/XP/2003(32bit)	Windows 64bit	Sun Solaris	IBM AIX	Linux 32bit	Linux 64bit	SNI Sinix	Sco Unix	Novell	MPE	Tru64
	Model													
	Neo Series 2000	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			15							
	Neo Series 4100	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			15							
	Neo Series 4200	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			15							
	Neo Series 4300	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			15							
	Neo Series 4400	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			15							
	Neo Series 8000	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>										
N	Reo Series 1000 VTL	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>										
N	Reo Series 4000 VTL	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>										
N	Reo Series 9000 VTL	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>										

new	Qualstar	HP-UX PA	HP-UX IA	Windows 2000/XP/2003(32bit)	Windows 64bit	Sun Solaris	IBM AIX	Linux 32bit	Linux 64bit	SNI Sinix	Sco Unix	Novell	MPE	Tru64
	Model													
	TLS-4210			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	15	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>		
	TLS-4212			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	15	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>		
	TLS-4222			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	15	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>		
	TLS-4420			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	15	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>		
	TLS-4440			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	15	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>		
	TLS-4480			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	15	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>		

new	Qualstar	HP-UX PA	HP-UX IA	Windows 2000/XP/2003(32bit)	Windows 64bit	Sun Solaris	IBM AIX	Linux 32bit	Linux 64bit	SNI Sinix	Sco Unix	Novell	MPE	Tru64
	Model													
	TLS-4660			✓		✓	15	✓				✓		
	TLS-46120			✓		✓	15	✓				✓		
	TLS-412180			✓		✓	15	✓				✓		
	TLS-412360			✓		✓	15	✓				✓		
	TLS-5433			✓		✓	15							
	TLS-5466			✓		✓	15							
	TLS-58132			✓		✓	15							
	TLS-58264			✓		✓	15							
	TLS-6110			✓		✓	15	✓				✓		
	TLS-6210			✓		✓	15	✓				✓		
	TLS-6220			✓		✓	15	✓				✓		
	TLS-6430			✓		✓	15	✓				✓		
	TLS-6460			✓		✓	15	✓				✓		
	TLS-68120			✓		✓	15	✓				✓		
	TLS-68240			✓		✓	15	✓				✓		
	TLS-8110			✓		✓	15	✓				✓		
	TLS-8211			✓		✓	15	✓				✓		
	TLS-8222			✓		✓	15	✓				✓		

new	Quantum	HP-UX PA	HP-UX IA	Windows 2000/XP/2003(32bit)	Windows 64bit	Sun Solaris	IBM AIX	Linux 32bit	Linux 64bit	SNI Sinix	Sco Unix	Novell	MPE	Tru64	OpenVMS
	Model														
	DX100 VTL	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>									
	DX3000 VTL	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>									
	DX5000 VTL	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>									
N	PX502	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>											
N	PX506	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>											
N	PX510	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>											

new	Sony	HP-UX PA	HP-UX IA	Windows 2000/XP/2003(32bit)	Windows 64bit	Sun Solaris	IBM AIX	Linux 32bit	Linux 64bit	SNI Sinix	Sco Unix	Novell	Tru64	OpenVMS
	Model													
	SDX-400C AIT-1 series				<input checked="" type="checkbox"/>									
	SDX-500C AIT-2 series			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	SDX-520V AIT-2 series			<input checked="" type="checkbox"/>										
	SDX-700C AIT-3 series	<input checked="" type="checkbox"/> ¹⁶		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		
	SDX-700V AIT-3 series	<input checked="" type="checkbox"/> ¹⁶												
	SDX-800V AIT-3Ex Series	<input checked="" type="checkbox"/> ¹⁶		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	SDX-900V AIT-4 series	<input checked="" type="checkbox"/> ¹⁶		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
N	SDZ-100 SAIT series	<input checked="" type="checkbox"/> ¹⁶	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>
	SDZ-130 SAIT series	<input checked="" type="checkbox"/> ¹⁶		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					

New	StorageTek	HP-UX PA	HP-UX IA	Windows 2000/XP/2003(32bit)	Windows 64bit	Sun Solaris	IBM AIX	Linux 32bit	Linux 64bit	SNI Sinix	Sco Unix	Novell	MPE	Tru64
	Model													
	SD3 standalone	<input checked="" type="checkbox"/>												
	STK4220 standalone	<input checked="" type="checkbox"/>												
	STK9490 Timberline standalone	<input checked="" type="checkbox"/>												
	STK9840 standalone	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
	STK 280 scratch loader	<input checked="" type="checkbox"/>												
	Lago LS/340 Datawheel					<input checked="" type="checkbox"/>								
	Silo Model 4400 with ACSLS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> ¹⁴	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
	Silo Model 9310 Powderhorn with ACSLS ¹	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> ¹⁴	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
	Silo Model 9360 Wolfcreek	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
	STK9710 with SCSI	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	15							
	STK9710 with ACSLS ¹	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> ¹⁴	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
	STK 9714 with SCSI	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	15							
	STK 9714 with ACSLS ¹	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> ¹⁴	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
	STK 9730 with SCSI	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	15							
	STK 9730 with ACSLS ¹	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> ¹⁴	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
	STK 9738 library			<input checked="" type="checkbox"/>			15							
	STK9740 with SCSI	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	15							
	STK9740 with ACSLS ¹	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> ¹⁴	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							

¹ This device requires the ACSLS software from StorageTek. The following versions of ACSLS have been tested with Data Protector:

- ACSLS 5.2
- ACSLS 5.3
- ACSLS 5.3.2
- ACSLS 5.4
- ACSLS 6.0
- ACSLS 6.01
- ACSLS 6.1
- ACSLS 6.1.1
- ACSLS 7.0
- ACSLS 7.1

HP support covers configuration and usage of ACSLS within Data Protector, but HP provides no support for the ACSLS software. For the MVS-controlled libraries, the following versions have been tested:

- MVS 5.2.2
- Library Station 3.1.0, 4.0, 5.0
- Library Control Facility 3.1.0
- HSC 2.1.0

Please Note: To utilize ACSLS on Windows, StorageTek LibAttach software is a pre-requisite and must be purchased separately from StorageTek.

² This device requires the DAS software from ADIC. The following versions of DAS have been tested with Data Protector:

- DAS 1.30
- DAS 1.30C
- DAS 3.01 (single DAS server)
- DAS 3.10

HP support covers configuration and usage of DAS within Data Protector, but HP provides no support for the DAS software.

³ For the support of these devices on these operating systems, the following SCSI controller driver is required: cpq32fs2.sys, minimum version 3.17. See the following URL: <http://www.compaq.com/support/files/server/softpaqs/WINNT/ntscsi24.html>

⁴ Library or autoloader supported only in stacker mode.

⁵ To utilize IBM LTO on HP-UX, the IBM LTO for HP-UX device driver is required. This can be obtained from the following URL: http://www-1.ibm.com/support/all_download_drivers.html

Please Note: The native HP-UX driver should be used for the library robotic.

⁶ For the support of these devices on these operating systems, the following SCSI controller drivers are required:

For 32bit SCSI Controller - cpq32fs2.sys, minimum version 5.12.20.

For 64bit SCSI Controller – adpu160m.sys, minimum version 6.1.530.201

See the following URL: <http://www.compaq.com/support/files/server/softpaqs/WINNT/ntscsi24.html>

- 8 To utilize IBM 3584 on Linux, the IBM device drivers are required. These can be obtained from the following URL: http://www-1.ibm.com/support/all_download_drivers.html
- 9 Please include OB2SHORTSEEK=500 in omnirc/.omnirc file.
- 10 Insight Storage Agent should be disabled when using the HP StorageWorks SSL1016 tape autoloader with LTO 460 on Windows 2000/XP with the Adaptec U160 SCSI HBA.
- 11 TL895 option 'Auto Drive Unload' needs to be turned to enabled (this is not the default setting).
- 12 Minimum revision of SYS\$MKDRIVER required:
VMS 7.3-1:
image file identification: "X-12"
image file build identification: "X9TD-0060030044"
link date/time: 28-JAN-2004 14:33:50.53
- 14 ACSLS on HP-UX IA-64 supported in native mode requires the following patches:
PHSS_32326 for HP-UX 11.x Installation Server
PHSS_32340 for HP-UX 11.23 Installation Server
DPSOL_00127 for Solaris Installation Server
- 15 The IBM AIX media agent supports drives only; the library robotic must be connected to a system that supports a Data Protector Media Agent with robotic support (i.e. an HP-UX, Sun Solaris, Linux or a Windows system) that supports the library.
- 16 To utilize Sony AIT & SAIT on HP-UX, the Sony device driver is required. This can be obtained from the following URL: <http://sony.storagesupport.com/ait/hpux.htm>
- 17 Emulations supported with the Fujitsu-Siemens CentricStor:

CentricStor Tape Emulation	Drive Configured in Data Protector	CentricStor Robot Control Emulation	Robotic Configured in Data Protector	HP-UX PA	HP-UX IA	Windows	Solaris
Generic SCSI-2	3480	ACSL5	ACSL5 Library	✓	✓	✓	✓
Generic SCSI-2	3480	DAS	DAS Library	✓		✓	
Mammoth 2	Exabyte	DAS	DAS Library			✓	

The CentricStor failover function is currently not supported but will be in the future.

- 18 USB devices are supported on Windows platforms with following site specific patches: SSPNT550_067 (for 32-bit) and SSPNT550_074 (for 64-bit)
- 19 ADIC SCALAR i500 is supported with following patches:
HP-UX – with site specific patch SSPUX550_063
Windows (32bit) – with site specific patch SSPNT550_062 and
Solaris – with site specific patch SSPSOL550_020.
- 20 Quantum SuperDLT600 support on HP-UX PA requires the following patches:
PHSS_34142 for HP-UX 11.x Installation Server
PHSS_34143 for HP-UX 11.23 Installation Server

DPSOL_00184 for Solaris Installation Server

Please Note: If required, information regarding the Data Protector omnirc/.omnirc file can be found within the *Data Protector 5.5 Administrator's Guide*.