

Independent Software Vendor (ISV) matrix for IBM 3592 tape drives and LTO

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Product Reference:

3580: IBM 3580 Tape Drive TS3100 (3573): IBM TS3100 Tape Library TS3200 (3573): IBM TS3200 Tape Library TS4300 (3573): IBM TS4300 Tape Drive TS3310 (3576): IBM TS3310 Tape Library TS3500 (3584): IBM TS3500 Tape Library TS4500 (3584): IBM TS4500 Tape Library Diamondback (3584): IBM Diamondback Tape Library TS1150 (3562): IBM TS1150 Tape Drive TS1160 (3592): IBM TS1160 Tape Drive TS1170 (3592): IBM TS1170 Tape Drive



The following is a list of independent software vendors (ISVs) who have indicated support for the listed product. Each completed cell indicates supported by the ISV for the software indicated.

Acronis: Acronis Backup Advanced \rightarrow <u>website</u>						
Platform	3580	TS4300	TS3500/TS4500			
	LTO 6 LTO 7 LTO8	LTO 6 LTO 7 LTO 8	LTO 6 LTO 7 LTO 8			
Windows	•	•	•			
Notes:	Notes:					

Arcserve: Arcserve Backup → <u>website</u>					
Platform	3580	TS2900	TS4300	TS3500/TS45	00/Diamondback*
	LTO 6 LTO 7 LTO 8 LTO 9	LTO 6 LTO 7 LTO 8 LTO 9	LTO 6 LTO 7 LTO 8 LTO 9	LTO 6 LTO 7 LTO 8 LTO 9	TS1150 TS1160
Linux	•	•	•	•	•
Windows	•	•	•	•	•
Notes: - Use native driver - *Diamondback supports LTO9 only	-	-			



Atempo: Time Navigator & MIRIA → website

Notes on ISV site navigation: On the website above, select "ATN Hardware Compatibility Guide" for a list of supported devices.						
Platform	3580	TS2900	TS3100/TS3200/TS4300	TS3500/TS4500/D	iamondback*	
	LTO 6 LTO 7 LTO 8 LTO 9	TS1150 TS1160				
Linux	•	•	•	•	•	
Mac OS	•	•	•	•	•	
Windows	•	•	•	•	•	

Notes:

*Diamondback supports LTO9 only

On tape device drivers:

Libraries: Check with Atempo for supported drivers (use either Atempo provided driver or SCSI pass-through driver.) Use of IBM device driver not supported.

Drives: Use the native operating system device driver with the following exceptions:

• On Windows, use the IBM tape driver available from http://www-933.ibm.com/support/fixcentral/

Notes an IOV site persine time On the contraint shares and at "ATN Handware Osma tibility Oxide" for a list of a

• On Mac OS, use Atempo's tape device driver

IBM control path failover (CPF), data path failover (DPF) and system-managed encryption (SME) features require use of the IBM tape device drivers. DPF is supported on Windows. SME is supported on Windows.

CommVault Systems: Commvault → website

Notes on ISV site navigation:

- On the website above, select the "Lookup by Device Type" option.
- On the resulting page, select the "All Device Types".

On the following page, choose IBM as the hardware vendor.

Platform	3580	TS2900	TS4300	TS3500/TS45	00/Diamondback*
	LTO 6 LTO 7 LTO 8 LTO 9	TS1150 TS1160 TS1170			
AIX	•	•	•	•	•
Linux	•	•	•	•	•
Windows	•	•	•	•	•

Notes:

- WORM supported
- Comm Vault supports application-managed encryption (AME)

Notes:

*Diamondback supports LTO9 only

On tape device drivers

Libraries: Use the SCSI pass-through driver on all operating systems with the following exceptions:

- On Windows, use the IBM tape driver from http://www-933.ibm.com/support/fixcentral/
- Drives: Use the SCSI pass-through driver on all operating systems with the following exceptions:
- On Windows, use the IBM tape driver from http://www-933.ibm.com/support/fixcentral/

The SME feature requires the use of the IBM tape device drivers. SME is supported on Windows.

DELL/EMC: NetWorker → website

Notes on site navigation: A	t Dell Networker page at	documents section search	Networker Hardware Compa	atibility Guide	
Platform	3580	TS2900	TS4300	TS3500/TS45	00/Diamondback*
	LTO 6 LTO 7 LTO 8 LTO 9	TS1150 TS1160			
AIX	•	•	•	•	•
Linux	•	•	•	•	•
Windows	•	•	•	•	•
Neteo					

Notes:

NetWorker supports encryption as long as the key is managed by an original equipment manufacturer (OEM) vendor

*Diamondback supports LTO9 only

On tape device drivers:

Libraries: Use the pass-through device driver

Drives:

On Windows, use IBM tape device driver only

On AIX, use IBM Atape device driver only

On Linux, use the native "st" driver only

IBM tape device drivers are available at http://www-933.ibm.com/support/fixcentral/

IBM path failover (CPF and DPF) and SME features require use of the IBM tape device drivers. DPF is supported on AIX [Fibre Channel (FC) only] and Windows. SME is supported on AIX and Windows

EcholeafSystems: Echoleaf Systems Virtual Drive→ <u>pdf</u>						
Notes on Echoleaf: In the above link Echoleaf publish the pdf with compliance matrix						
Platform	orm TS2900 TS3100/TS3200/TS4300 TS3500/TS4500					
	LTO 5 LTO 6 LTO 7 LTO 8	LTO 5 LTO 6 LTO 7 LTO 8	LTO 5 LTO 6 LTO 7 LTO 8	TS1150 TS1160		
Linux	•	•	•	•		
Notes: On tape devic	Notes: On tape device drivers - Use IBM tape driver					

Gemalto: SafeNet						
Platform TS3310 TS4300						
	LTO 5 LTO 6 LTO 7 LTO 8	LTO 6 LTO 7 LTO 8				
All Platforms	•	•				

Platform	3580	TS2900	TS3100/TS3200/TS4300	TS3500/TS4500/Diamondback*		
	LTO 6	LTO 6	LTO 6	LTO 6		
	LTO 7	LTO 7	LTO 7	LTO 7		
	LTO 8	LTO 8	LTO 8	LTO 8		
	LTO9	LTO 9	LTO 9	LTO 9		
Linux	•	•	•	•		
Windows	•	•	•	•		
Notes:						
*Diamondback supports LTO9 only						
On tape device drivers						

• IBM path failover (CPF and DPF) and SME features require use of the IBM tape device drivers.

Notes:

IBM RMS \rightarrow website								
Platform	3580	TS3100/TS3200/TS4300	TS3310	TS3500/TS45	00/Diamondback*			
	LTO 6 LTO 7 LTO 8 LTO 9	LTO 6 LTO 7 LTO 8 LTO 9	LTO 6 LTO 7 LTO 8 LTO 9	LTO 6 LTO 7 LTO 8 LTO 9	TS1150 TS1160 TS1170			
IBM i	•	•	•	•	•			
Notes: *Diamondl	Notes: *Diamondback supports LTO9 only							

IBM

IBM: HPSS → <u>website</u>						
Platform	3580	TS4300	TS3500/TS45	00/Diamondback*		
	LTO 6 LTO 7 LTO 8 LTO 9	LTO 6 LTO 7 LTO 8 LTO 9	LTO 6 LTO 7 LTO 8 LTO 9	TS1150 TS1160 TS1170		
AIX	•	•	•	•		
Linux	•	•	•	•		
Notes: For both AIX and Linux, use native device driver						

*Diamondback supports LTO9 only

Platform	TS3100/TS3200/TS4300	TS3310	TS3500/TS45	00/Diamondback*
	LTO 6 LTO 7 LTO 8 LTO 9	LTO 6 LTO 7 LTO 8 LTO 9	LTO 6 LTO 7 LTO 8 LTO 9	TS1150 TS1160 TS1170
All Platforms	•	•	•	•



IBM: Archive Drive Edition \rightarrow website

Notes on Navigation: If above link broken go to fixcentral and find the SDE support matrix on the Storage Archive download list				
Platform	3580	3592		
	LTO 5 LTO 6 LTO 7 LTO 8 LTO 9	TS1150 TS1160 TS1170		
Linux	•	•		
Mac OS	•	•		
Windows	•	•		

IBM: Archive Library Edition → <u>website</u>							
Notes on Navigation: If above link broken go to fixcentral and find the LE support matrix on the Storage Archive download list							
Platform TS2900 TS4300 TS3500/TS4500/Diamondback*							
	LTO 5 LTO 6 LTO 7 LTO 8 LTO 9	LTO 5 LTO 6 LTO 7 LTO 8 LTO 9	LTO 5 LTO 6 LTO 7 LTO 8 LTO 9	TS1150 TS1160 TS1170			
Linux	•	•	•	•			
Windows • • • •							
Notes: *Diamondback supports LTO9 only							



IBM: Archive Enterprise Edition \rightarrow website

Notes on Navigation: If above link broken go to fixcentral and find the EE support matrix on the Storage Archive download list

Platform	TS4300	TS3500/TS4500/Diamondback*				
	LTO 5 LTO 6 LTO 7 LTO 8 LTO 9	LTO 5 LTO 6 LTO 7 LTO 8 LTO 9	TS1150 TS1160 TS1170			
Linux	•	•	•			
Notes: *Diamondback supports LTO9 only						

IBM: Storage Protect → <u>website</u>									
Platform	Platform 3580 TS2900 TS4300 TS3500/TS4500/Diamond								
	LTO 6 LTO 7 LTO 8 LTO 9	LTO 6 LTO 7 LTO 8 LTO 9	LTO 6 LTO 7 LTO 8 LTO 9	LTO 6 LTO 7 LTO 8 LTO 9	TS1150 TS1160 TS1170				
AIX	•	•	•	•	•				
Linux	•	•	•	•					
Windows	Windows • • • •								
Notes: *Diamondback supports LTO9 only WORM support with 3592 (TS11) and 3580 On tape device drivers and software:									

Libraries and Drives: Use the IBM device driver

IBM tape drivers can be downloaded from http://www-933.ibm.com/support/fixcentral/

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Microsoft System Center Data Protection Manager $\rightarrow $ <u>website</u>									
Platform 3580 TS2900 TS3100/TS3200/TS4300 TS3310 TS3500/TS4									
	LTO 6 LTO 7 LTO 8	LTO 6 LTO 6 LTO 7 LTO 7 LTO 8 LTO 8		LTO 6 LTO 7 LTO 8	LTO 6 LTO 7 LTO 8				
Windows • • • • •									
Notes: On tape device drivers: IBMTape Device Driver required with non-exclusive installation so no CPF or DPF support									

NetApp: NetApp Data Storage \rightarrow <u>website</u>						
Platform 3580 3592						
	LTO 6 LTO 7 LTO 8 LTO 9	TS1150				
NETAPP OS	•	•				
Notes: NetApp Qualification is for drives only.						

Oracle: SAM-QFS - HSM → <u>website</u>						
Platform 3580 TS3500/TS4500/Diamondback*						
	LTO 6,7,8,9	LTO 6,7,8,9	TS1150			
Solaris • •						
Notes: *Diamonback supports LTO9 only						

Oracle: DIVA → <u>website</u>							
Notes on Navigation: On CSM section find latest core documentation link, then go to supported environments guide and then click on Libraries and Drives.							
Platform	atform TS3100/TS3200/TS4300 TS3310 TS3500/TS4500/Diamondback*						
	LTO 6,7,8,9	LTO 6,7,8,9	LTO 6,7,8,9	TS1150			
Linux	•	•	•	•			
Windows • • • •							
Notes: *Diamondback supports LTO9 only							

Oracle: OSB → <u>website</u>								
Platform	TS3100/TS3200/TS4300	TS3500/TS45	00/Diamondback*					
	LTO 6,7,8,9	LTO 6,7,8,9	TS1150					
Linux	•	•	•					
Windows	•	•	•					
Notes: *Diamondback supports LTO9 only								

Point: PoINT Archival Gateway → <u>website</u>								
Platform	TS3100/TS3200/TS4300	TS3500/TS4500/Diamondback*						
	LTO 6	LTO 6						
	LTO 7	LTO 7						
	LTO 8	LTO 8						
	LTO 9	LTO 9						
		TS1150						
		TS1160						
		TS1170						
Windows	•	•						
Linux	•	•						
Notes: *Diamondback supports LTO9 only On tape device drivers: Libraries: PoINT Archival Gateway uses native drivers. Drives: PoINT Archival Gateway uses native drivers.								

Qstar → <u>website</u>								
Platform	3580 TS2900 TS4300			TS3500/TS4500/Diamondback*				
	LTO 6 LTO 7 LTO 8 LTO 9	LTO 6 LTO 7 LTO 8 LTO 9	LTO 7 LTO 7 LTO 8 LTO 8	LTO 6 LTO 7 LTO 8 LTO 9	TS1140 TS1150 TS1160 TS1170			
Linux	•	•	•	•	•			
Windows	•	•	•	•	•			
Notes: *Diamondback supports LTO9 only								



Quest Software: NetVault → website

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Notes on ISV site navigation:	On the website above,	select "NetVault Backup	o Compatibilit	y List: Supported VIL	s, Libraries,	Tape Drives" under "Docs"

Platform	3580	TS2900	TS3100/TS3200/TS4300	TS3500/TS45	TS3500/TS4500/Diamondback	
	LTO 6 LTO 7 LTO 8 LTO 9	TS1150 TS1160 TS1170				
AIX	•	•	•	•	•	
Linux	•	•	•	•	•	
Windows	•	•	•	•	•	

Notes:

TS4300(3573) Supports LTO6 drives and later only

On tape device drivers:

Libraries: Use SCSI pass-through driver

Drives: Use SCSI pass-through driver

Veeam: Veeam Backup and Replication \rightarrow website						
Platform	3580	TS2900	TS3100/TS3200/TS4300	TS3500/TS4500/Diamondback		
	LTO 7 LTO 8 LTO 9	TS1170**				
Windows	•	•	•	•	•	
Linux	•	•	• • •			
Notes: Veeam requires IBMTape driver Supports: ALMS, failover, LTO transparent encryption, full capacity *Diamondback supports LTO9 only						

Veritas: Backup Exec → <u>website</u>

Notes on ISV site navigation:

** All 3592 Compatibility

- On the website above, enter "Backup Exec" in the Product Lookup box. Select "Backup Exec for Windows Servers" or any other Backup Exec version of interest. Click on arrow.
- On the following page, click the "Compatibility List" link in the right column.
- From the result page, choose the appropriate Hardware Compatibility List (HCL) for libraries or drives.

Platform	3580	TS2900	TS4300	TS3500/TS45	00/Diamondback
	LTO 6 LTO 7 LTO 8 LTO 9	TS1150			
Windows	•		•	•	•
Notes: WORM support with LTO *Diamondback supports LTO9 only Note on tape device drivers: Libraries: Use the Symantec device Drives: Use the Symantec device d	e driver.				

Veritas: NetBackup → website

Notes on ISV site navigation:

On the website above, enter "NetBackup" in the Product Lookup box. Search the Knowledge Base for Hardware Compatibility List. Click the NetBackup version of interest.

Platform	3580	TS2900	TS3100/TS3200/TS4300	TS3310	TS3500/TS4500/Diamondback	
	LTO 6 LTO 7 LTO 8 LTO 9	TS1150 TS1160				
Linux	•	•	•	•	•	•
Windows	•	•	•	•	•	•

Notes:

- WORM support with Ultrium3, Ultrium4, Ultrium5, Ultrium6, Ultrium7 and 3592 drives
- Support for library-based Internal Label Encryption Policy (ILEP) for 3592 E05 and LTO4
- TS4300(3573) Supports LTO6 drives and later only
- Diamondback supports LTO9 only

On tape device drivers: Check the Symantec Hardware Compatibility Lists located on the Symantec support website for the latest tested IBM driver levels.

Libraries: On AIX, install and configure the Symantec ovpass driver. On all other operating systems use the native device driver. Drives:

- On AIX, use the IBM AIX Atape tape driver.
- On Windows, use the IBM tape drivers.
- On all other operating systems use the native operating system tape device driver.

IBM tape drivers can be downloaded from http://www-933.ibm.com/support/fixcentral/

The IBM SME feature requires use of the IBM tape device drivers. SME is supported on AIX and Windows.

Versity: VSM (Versity Storage Manager) \rightarrow <u>website</u>				
Platform	TS3500/TS4500/Diamondback*			
	LTO 6 LTO 7 LTO 8 LTO 9	TS1150 TS1160 TS1170		
Linux	•	•		
Notes: *Diamondback supports LTO9 or	ly			

Versity: ScoutAM (Scale Out Archive Manager) \rightarrow <u>website</u>				
Platform	TS3500/TS4500/Diamondback*			
	LTO 6 LTO 7 LTO 8 LTO 9	TS1150 TS1160 TS1170		
Linux	•	•		
Notes: *Diamondback supports LTO9 onl	у			