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 → website

Platform	3580	TS4300	TS3500/TS4500
	LTO 6 LTO 7 LTO8	LTO 6 LTO 7 LTO 8	LTO 6 LTO 7 LTO 8
Windows	●	●	●
Notes:			

Arcserve: Arcserve Backup → website

Platform	3580	TS2900	TS4300	TS3500/TS4500/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					

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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/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	•	•	•	•	•
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/
- 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/TS4500/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
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: At Dell Networker page at documents section search Networker Hardware Compatibility Guide

Platform	3580	TS2900	TS4300	TS3500/TS4500/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
AIX	•	•	•	•	•
Linux	•	•	•	•	•
Windows	•	•	•	•	•

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→**pdf**				
Notes on Echoleaf: In the above link Echoleaf publish the pdf with compliance matrix				
Platform	**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 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	●	●

Micro Focus: Data Protector → **website**

Platform	3580	TS2900	TS3100/TS3200/TS4300	TS3500/TS4500/Diamondback*
	LTO 6 LTO 7 LTO 8 LTO9	LTO 6 LTO 7 LTO 8 LTO 9	LTO 6 LTO 7 LTO 8 LTO 9	LTO 6 LTO 7 LTO 8 LTO 9
Linux	•	•	•	•
Windows	•	•	•	•

Notes:
*Diamondback supports LTO9 only
On tape device drivers
- To utilize IBM 3584 on Linux, the IBM device drivers are required. These can be obtained from the following web page: https://www.ibm.com/support/fixcentral
- IBM path failover (CPF and DPF) and SME features require use of the IBM tape device drivers.

Notes:

IBM RMS → **website**

Platform	3580	TS3100/TS3200/TS4300	TS3310	TS3500/TS4500/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:
*Diamondback supports LTO9 only

IBM: HPSS → **website**				
Platform	**3580**	**TS4300**	**TS3500/TS4500/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

IBM: IBM Security Key Lifecycle Manager (formerly IBM Tivoli Key Lifecycle Manager)→ **website**				
Platform	**TS3100/TS3200/TS4300**	**TS3310**	**TS3500/TS4500/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	●	●	●	●

Notes:
- IBM SKLM for zOS does not support the TS4300 tape library
- IBM SKLM V2.7 does not support self-signed certificates with the TS4300 tape library

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IBM: Archive Drive Edition → **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 → **website**				
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				

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IBM: Archive Enterprise Edition → **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 → **website**					
Platform	**3580**	**TS2900**	**TS4300**	**TS3500/TS4500/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
AIX	•	•	•	•	•
Linux	•	•	•	•	•
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 → **website**					
Platform	**3580**	**TS2900**	**TS3100/TS3200/TS4300**	**TS3310**	**TS3500/TS4500**
	LTO 6 LTO 7 LTO 8	LTO 6 LTO 7 LTO 8	LTO 6 LTO 7 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 → **website**		
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 → website

Platform	3580	TS3500/TS4500/Diamondback*	
	LTO 6,7,8,9	LTO 6,7,8,9	TS1150
Solaris	•	•	•

Notes: *Diamonback supports LTO9 only

Oracle: DIVA → website

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	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 → website

Platform	TS3100/TS3200/TS4300	TS3500/TS4500/Diamondback*	
	LTO 6,7,8,9	LTO 6,7,8,9	TS1150
Linux	•	•	•
Windows	•	•	•

Notes: *Diamondback supports LTO9 only

Point: PoINT Archival Gateway → website		
Platform	**TS3100/TS3200/TS4300**	**TS3500/TS4500/Diamondback***
	LTO 6 LTO 7 LTO 8 LTO 9	LTO 6 LTO 7 LTO 8 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 → website					
Platform	**3580**	**TS2900**	**TS4300**	**TS3500/TS4500/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	TS1140 TS1150 TS1160 TS1170
Linux	●	●	●	●	●
Windows	●	●	●	●	●

Notes: *Diamondback supports LTO9 only

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Quest Software: NetVault → **website**

Notes on ISV site navigation: On the website above, select "NetVault Backup Compatibility List: Supported VTLs, Libraries, Tape Drives" under "Docs"

Platform	3580	TS2900	TS3100/TS3200/TS4300	TS3500/TS4500/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
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

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Veeam: Veeam Backup and Replication → website

Platform	3580	TS2900	TS3100/TS3200/TS4300	TS3500/TS4500/Diamondback*	
	LTO 7 LTO 8 LTO 9	LTO 7 LTO 8 LTO 9	LTO 7 LTO 8 LTO 9	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
** All 3592 Compatibility

Veritas: Backup Exec → website

Notes on ISV site navigation:

- 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/TS4500/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
Windows		•	•	•	•

Notes:
WORM support with LTO
*Diamondback supports LTO9 only
Note on tape device drivers:
Libraries: Use the Symantec device driver.
Drives: Use the Symantec device 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	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:
- 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) → **website**		
Platform	**TS3500/TS4500/Diamondback***	
	LTO 6 LTO 7 LTO 8 LTO 9	TS1150 TS1160 TS1170
Linux	●	●
Notes: *Diamondback supports LTO9 only		

Versity: ScoutAM (Scale Out Archive Manager) → **website**		
Platform	**TS3500/TS4500/Diamondback***	
	LTO 6 LTO 7 LTO 8 LTO 9	TS1150 TS1160 TS1170
Linux	●	●
Notes: *Diamondback supports LTO9 only		