24th April, 2023

Dear Customer,

<u>With regards to a Workaround for the Copy Operation Failure after Applying Windows Security</u> <u>Updates at UNITEX LTFS3000 for Windows</u>

Thank you very much for your support for UNITEX products.

We apologize for the inconvenience caused by the failure of file copy operations for LTFS tapes after applying the Windows security updates released by Microsoft in March 2023, or later.

As a workaround, we have confirmed that accessing LTFS tapes via Windows sharing settings can avoid the failure of the copy operation.

Customers who are impacted by this occurrence event are asked to consider using LTFS tapes by following the workaround described in this document.

The screen images in this document are for the Windows 11, but the same procedure can be used for data access to LTFS tapes in the Windows 10 as well. <Procedures for accessing LTFS tape via sharing settings>

① In Explorer, right-click the LTO drive loading the LTFS tape and click "Give access to" and then "Advanced sharing".

If the "Give access to" menu does not display, click "Show More Options" and the

following menu will appear.



② The properties screen of LTO drive will appear, click "Advanced sharing".

LTFS Drive (L:	:) Propertie	S			×
General Tools	Hardware	Sharing	Customize		
Network File ar	nd Folder Sh	aring			
L:\ Not :	Shared				
<u>N</u> etwork Path: Not Shared					
<u>S</u> hare					
Advanced Shar Set custom pe advanced shar	ing rmissions, c ing options. ed Sharing	reate multi	ple shares, and s	et other	
-Password Prote	ection				
People must h computer to a	ave a user a ccess sharec	account and d folders.	l password for th	is	
To change this	s setting, us	e the <u>Netw</u>	ork and Sharing (<u>Center</u> .	
	(Ж	Cancel	Apply	

③ When the Advanced setting screen appears, place a check in "Share this folder" and set a share name of your choice.

Advanced Sharing	×
Share this folder	Set a share name of your choice
Share name: LTO	
Add Remove	taneous users to: 20
Comments:	
Permissions	ching
ОК	Cancel Apply

Next, click "Permissions".

Permissions for	LTO		×
Share Permissions			
Group or user nam	es:		
Serveryone 🔍			
		Add	Remove
Permissions for Eve	eryone	Allow	Deny
Permissions for Eve	eryone	Allow	Deny
Permissions for Eve Full Control Change Read	eryone	Allow	Deny
Permissions for Eve Full Control Change Read	eryone	Allow	Deny
Permissions for Eve Full Control Change Read	eryone	Allow	Deny
Permissions for Eve Full Control Change Read	eryone	Allow	Deny
Permissions for Eve Full Control Change Read	eryone	Allow	Deny

4 Remove the "Everyone" setting on the Permissions screen.

(5) Press the "Add" button on the access permission screen and add a group named "INTERACTIVE".

Select Users or Groups	×
Select this object type:	
Users, Groups, or Built-in security principals	Object Types
From this location:	
	Locations
Enter the object names to select (<u>examples</u>):	
INTERACTIVE	Check Names
Enter "INTERACTIVE"	Cancel

⑥ Set access permission to the LTFS tape to the "INTERACTIVE" group you added. If you just read data from LTFS tape, place a check in "read" permission only. When you also write data to LTFS tape, allow for "change" permission as well.

Permissions for LTO		×
Share Permissions		
Group or user names:		
Section 10		
	Add	Remove
Permissions for INTERACTIVE	Allow	Deny
Permissions for INTERACTIVE Full Control	Allow	Deny
Permissions for INTERACTIVE Full Control Change	Allow	Deny
Permissions for INTERACTIVE Full Control Change Read	Allow	Deny
Permissions for INTERACTIVE Full Control Change Read	Allow	Deny
Permissions for INTERACTIVE Full Control Change Read	Allow	Deny
Permissions for INTERACTIVE Full Control Change Read	Allow	Deny
Permissions for INTERACTIVE Full Control Change Read	Allow	Deny
Permissions for INTERACTIVE Full Control Change Read		Deny

After completing the setting, click the OK button to close the Permissions and Sharing settings screen.

⑦ When completed the sharing settings, exit the Properties screen by clicking the Close button.

LTFS Drive (L:) Properties X
General Tools Hardware Sharing Customize
Network File and Folder Sharing
L:\ Shared LTO tape is being shared
Network Path: \Vto Share
Advanced Sharing Set custom permissions, create multiple shares, and set other advanced sharing options.
Password Protection
People must have a user account and password for this computer to access shared folders.
To change this setting, use the <u>Network and Sharing Center</u> .
Close Cancel Apply

8 Access to the LTFS tape via the network share name.

Entering "¥¥localhost" in the Explorer address bar, the LTFS tape set as the share name in the Sharing settings appears.

Iocalhost	×	+			- 0	×
🕀 New ~	[]		è	↑↓ Sort ~	•••	
← → ∽ ↑ 📮 \\localŀ	ost			~ C	Search Ic	P
 Desktop Downloads Documents Pictures Music Videos 		LTO Access t	to LTFS tape v	<i>v</i> ia the share nam	e	
 This PC Local Disk (C:) LTFS Drive (L:) LTFS Drive (L:) LTFS Drive (L:) Network 						

(9) To facilitate access to the LTFS tape from next time onwards, it will be easier to use if you create a shortcut on the desktop.



📜 ЦТО	×	+		_		×	
$ \oplus$ New \checkmark \checkmark \square \square \square \land Sort \checkmark \blacksquare View \checkmark \cdots							
\leftarrow \rightarrow \checkmark \uparrow	\checkmark	C Se	earch LTO	Q			
	Nam	ne ^	Date modified	Ту	/pe		
📒 Desktop	🖈 📃 🔁 Pro	oject_001	4/24/2023 11:53	3 AM Fi	le folder		
🚽 Downloads	🖈 📃 Pro	oject_002	4/24/2023 11:55	5 AM Fi	le folder		
📑 Documents	🖈 📃 Pro	oject_003	4/24/2023 11:55	5 AM Fi	le folder	1	
Pictures	🖈 📄 Pro	oject_004	4/24/2023 11:56	5 AM Fi	le folder	1	
🕑 Music	🖈 📄 Pro	oject_005	4/24/2023 11:57	7 AM Fi	le folder	1	
🕨 Videos	🖈 📄 Pro	oject_006	4/24/2023 11:57	7 AM Fi	le folder	1	
	Pro	oject_007	4/24/2023 11:58	3 AM Fi	le folder	1	
	Pro	oject_008	4/24/2023 12:46	5 PM – Fi	le folder	1	
Enables writing/reading by file copy operations		oject_009	4/24/2023 12:47	7 PM Fi	le folder		
> 📕 LTFS Drive (L:)	Pro	oject_010	4/24/2023 1:17	PM Fi	le folder		
10 items 1 item selected							

10 Access to LTFS tape via sharing settings enables data copy operations.

You can do other operations such as ejecting LTFS tape, replacing it with another LTFS tape, and formatting LTFS tape etc. with the sharing settings still in place.

Contact for inquiries For any questions on this document, please contact <u>wwsales@unitex.co.jp</u>

Sincerely yours, UNITEX Corporation

<u>UNT-00876</u>