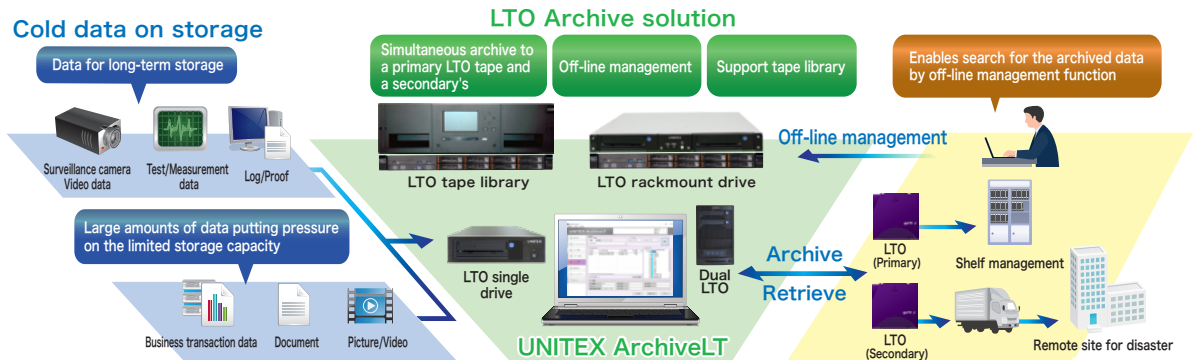**UNITEX** · The Innovator, Computer Storage
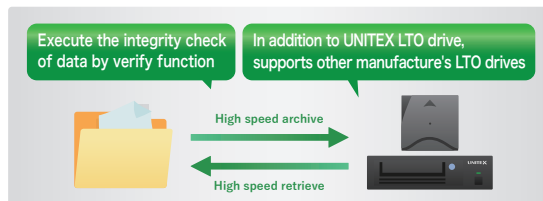
UNITEX ArchiveLT

Scalable archiving software for LTO single drives to libraries, enabling high-speed archiving, retrieval, and offline management of large data volumes
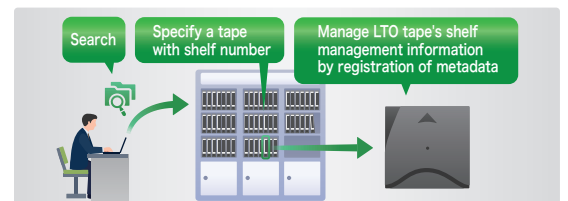

Features

High speed archive & retrieve

UNITEX ArchiveLT enables high speed data archive to make the maximum use of device's performance by UNITEX unique data transfer algorithm. It enables high speed data archive to not only LTO drive but also various disk storage such as HDD, SSD.
In addition, UNITEX ArchiveLT has many functions for handling important data safely such as simultaneous archiving to multiple devices, automatic verification after archiving, encryption of LTO tapes, etc.
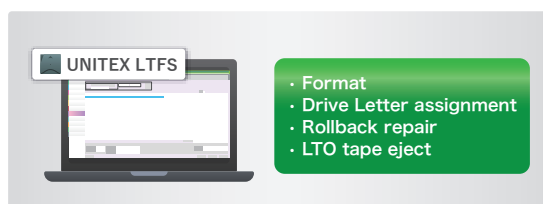

"UNITEX LTFS" integration

This software integrates "UNITEX LTFS," a technology developed exclusively by Unitex, providing a full range of LTFS functionalities.

Automatic archive (Watch folder / Schedule function)

Automatic archiving is triggered when folder capacity exceeds a defined limit or according to a predefined schedule.

Off-line management for the archived data

Data archived by UNITEX ArchiveLT is registered in the management information, and it can be searched off-line. You can check the contents of data and search your target data in less effort. And you can register up to 15 any metadata for each archived data. For example, you can easily make shelf management for lots of LTO cartridges by registering the location of LTO cartridge and data's information in metadata.
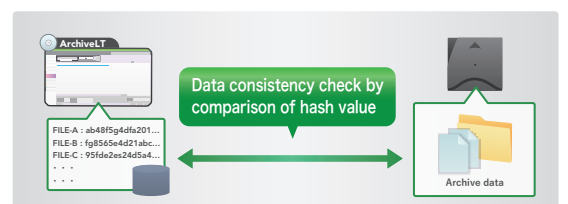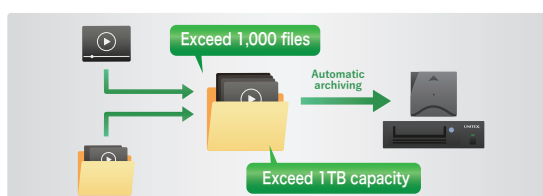

Consistency check for the archived data

When data is archived in UNITEX ArchiveLT, hash value of each file is automatically registered in management information. Consistency check function enables to confirm that there is no change in the archive data by recalculating the hash value of the archive data and comparing with the hash value in management information.
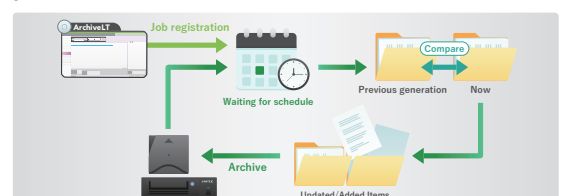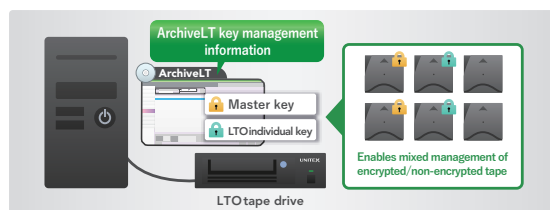

Incremental archive

Archive at arbitrary intervals according to schedule settings. Archive only those items that have been updated or added since the previous generation. Retrieve allows restoration of a specific generation.

UNITEX ArchiveLT   LTO Archive Software

● LTFS hardware encryption function (Optional)

Encryption with a master key and an individual key. Enables mixed management of encrypted/non-encrypted tape.
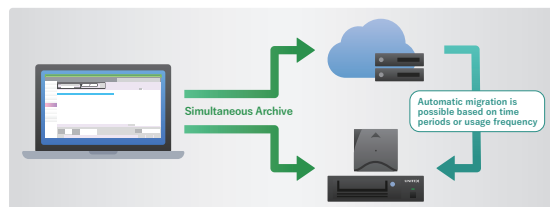
● SONY ODA migration (Optional)

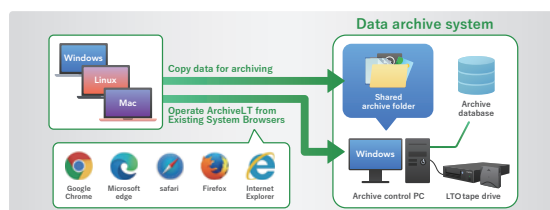Seamless migration between SONY Optical Disc Archive and UNITEX USB LTO drives is enabled.

● Cloud Integration (Optional)

Data from user PCs can be archived to both LTO tapes and the cloud. Archived data is easily searchable and retrievable from both LTO and cloud storage.
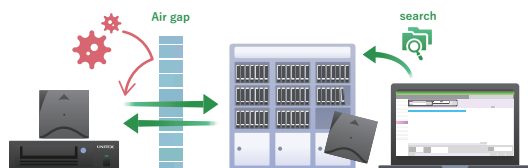
● Web-based access and control (Optional)

Accessible from various operating systems, including Linux (such as Ubuntu), Mac, and Windows, this software requires no application installation and can be easily operated through any HTML-compatible web browser.

Off-line management & Countermeasure for Ransomware

Offline management, facilitated by a dedicated database, allows data management even without LTO drive or network connectivity. This air-gapped approach minimizes ransomware risks.

Comparison by Edition

○：Standard、●：Optional、×：Not Supported

Function	Standard	Enterprise
LTFS (OS file system integration)	○	○
Data copy and Verify	○	○
Data archiving and Verify (Offline management with database)	○	○
Automatic archive (Watch folder/Schedule/Incremental archive)	○	○
Job save/Job execution history management	○	○
TAR tape archiving	○	○
Command integration interface	○	○
LTO Drive license (2 Drives)	○	○
LTO Drive add-on license (1 Drive)	●	●
LTO Autoloader device control (Up to 10 Slots)	●	○
LTO Library device control (Up to 40 Slots)	×	○
LTO Library device additional slot (40 Slots)	×	●
Other company's LTO Drive control	●	○
SONY ODA migration	●	●
Cloud integration	●	●
LTFS encryption function	●	●
Remote client function	●	●

Operating environment requirements

Item	Support device and environment
CPU	Intel Core i3 or above (Recommended : twice the number of CPU cores as LTO drives)
Memory	4GB or above (Recommended: 8GB or above)
Recommended Interface	USB3.0 or above *When connecting a USB device SAS 6Gbps or above *When connecting a SAS device
Display	WXGA resolution or above
Support OS	Windows 10 (x86/x64) * Ver. 1607 or later Windows 11 (x64) Windows Server 2016 (x64) Windows Server 2019 (x64) Windows Server 2022 (x64) Windows Server 2025 (x64) *Please contact us for OS not listed.
Support Device	LTO single drive LT90H/80H2/80H/80/70H2/70H/70 (USB/SAS) LTO tape library LTO rackmount drive Dual LTO series Flash memory / Disk storage SONY Optical Disk Archive ODS-D280U * *An optional license is required.
Support Media	LTO ULTRIUM cartridge (LTFS format, Tar format) Flash memory / Disk storage *1 SONY Optical Disk Archive cartridge ODC3300R *2 Cloud Storage (Google Drive, Amazon S3, Wasabi) *3 *1 FAT32 / exFAT / NTFS / UDF format *2 Optical Disk Archive optional license is required. *3 Cloud Storage optional license is required.

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UNITEX

UNITEX Corporation   http://www.unitex.co.jp

Head Office   2-2-4, Nakamachi, Machida-shi, Tokyo 194-0021, Japan
TEL +81-42-710-4630 FAX +81-42-710-4660