

Case studies



Slide 1 Copyright(C) 2019 UNITEX Corporation All rights reserved.

http://www.unitex.co.jp



Archive video material at an overseas shooting site



- Transfer video material from the memory card to the external RAID HDD temporarily
- Data in the external RAID HDD is copied to 2 LTO tape drives (for a primary / secondary tape) simultaneously and an external HDD as <u>backup</u> and <u>deep archive</u>
- Keep spec transfer speed <u>160MB/s even with simultaneous copy to 3 devices</u> Slide 2

http://www.unitex.co.jp

Computer Storage



Actual introduction example (2) Material archive at a private tutoring school



- Management of the recorded class data by DB system
- Data in DB system is copied to 2 LTO tape drives (for a primary /secondary tape) simultaneously as <u>backup</u> and <u>deep archive</u>
- Keep spec transfer speed <u>300MB/s even with simultaneous copy to 2 devices</u>
- Enables command collaboration with a host system
- More than 200 BD data (1 pc: 50 GB) can be copied to 1 LTO tape (1 pc: 12 TB).
- Cost reduction and simplification of work can be expected



- Store basic data for use in AI/deep learning such as automatic driving from LTO media to HDD
- Copy basic data after deep learning to LTO tape for Archive
- By using autoloader LTO, realize continuous 24/7 operation

http://www.unitex.co.jp

Copyright(C) 2019 UNITEX Corporation All rights reserved.



Actual introduction example (4)

Storage of quality control data in an aircraft manufacturer



- Storage of quality control data on wing in a private airplane
- Copy the storage data to LTO tape for <u>Archive</u>
 - (3 MB \times 30,000 file per day)
- Switched data transfer from OS standard to FASTapeLT and improved the data transfer speed from 50MB/s to 120MB/s significantly

5



Actual introduction example (5) Data backup at a railway company



- Store the core system data of Japan Railway ticket gate in the server.
- Copy the storage data to LTO tape for Archive (3GB file size data x about 17,000 files) .
 - → Even large amounts of small size file can be copied with high speed by UNITEX unique data transfer algorithm.

http://www.unitex.co.jp