

Optical disc library system for long-term data archiving using Blu-ray disc™ technology

DataArchiver unit (Preliminary)

1 Long term archiving

2 Sustainable storage

3 Low T.C.O.



DataArchiver unit
and its media

Characteristics

Suitable for preserving valuable data

- Less migration with long media life, 50-year longevity
- Reducing the cost for data migration, operation cost, media purchasing and electric power

Energy-saving and natural-resource-saving data preservation

- No electric power required for media storage since the media can be preserved for long time in the office environment
- No media disposal is necessary on data migration

High data density/high capacity

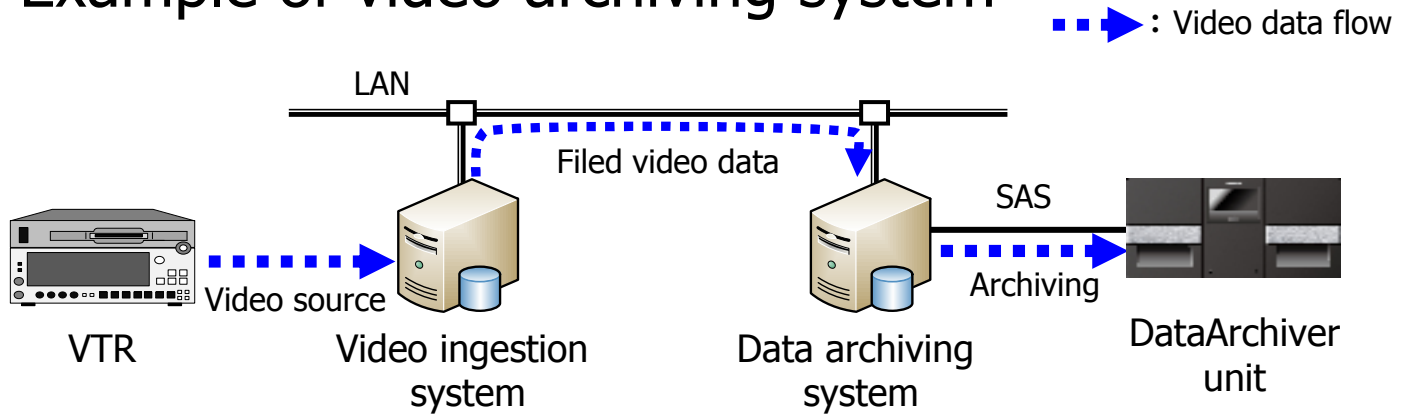
- 12 BD-R discs held in ultra thin magazine makes 1.2TB/magazine and 108TB/unit maximum.
- Magazine can be taken out from the unit and stored in a shelf. Magazine can be managed by RFID in it

High performance

- 216MB/s read and write
- 200ms of access time

System configuration examples

Example of video archiving system



Example of generic IT system

