



PROMISE Technology Storage and Archiware P5

THE 4K MIGRATION

The continuous migration to high resolution 2K and 4K video has led to a significant growth in storage requirements. This trend is expected to continue as a recent study suggests the industry will see a 50 fold growth in required data storage from 2010 to 2020 (IDC, Digital Universe Study). Rich media assets are one of the leading contributors to the increase in required storage which has therefore led to the growth of the digital asset management (DAM) and archive markets.

PROMISE and Archiware

PROMISE Technology covers a wide range of storage requirements for the cloud/IT, surveillance and rich media markets. Archiware P5 covers the whole range of data management, including cloning storage for time critical data, performing backup to disk and tape and providing long-term archive and is fully compatible with PROMISE's Vess Series, the Thunderbolt-enabled Pegasus Series, the VTrak x30 Series and the VTrak A-Class SAN file system appliance. These solutions are ideal for collaboration in high-resolution 4K and 3D workflows which require high bandwidth applications and digital asset solutions to ensure the valuable digital assets of companies are leveraged to their fullest extent.

WHICH SOLUTION TO CHOOSE?

When deciding what kind of data management a specific data set needs, customers can consider the following:

RESTORE TOLERANCE		PRODUCT	RETENTION TIME
MINUTES	Data Availability / Failover No Restore Necessary	P5 Synchronize + PROMISE Storage	Days
HOURS	Backup to disk/tape, cyclic, also off-site	P5 Backup, P5 Backup2Go + PROMISE Storage	Weeks
HOURS - DAYS	Long-term archiving, migrate data, off-site	P5 Archive + PROMISE Storage	Years

Restore Tolerance: How long the customer can be without data (RTO = Recovery Time Objective)

4K Rich Media

HIGHLIGHTS

- PROMISE Technology is at the forefront of storage for the rich media, cloud, and surveillance industries.
- Archiware data management software allow for storage cloning, backup, and archiving.
- Address 4K high bandwidth requirements with PROMISE storage and Archiware data management applications.

Disk2Disk2Tape

From Disk to Disk to Tape

P5 Synchronize, P5 Backup + PROMISE VTrak / Pegasus Storage



LTO Tape Library

*P5 Sync Edition (AWB522) including 4 server agents
P5 synchronize: cloning of storage of any size
P5 Backup: up to 25 slot tape library, 1 tape drive

Key Features

Cloning & Backup2Tape

- Fail-over / Data availability
- Longer retention time
- Off-site storage
- User restore

Archive

Archive / Migrate Data Offline to Tape / Disk

P5 Archive + PROMISE VTrak / Pegasus Storage



LTO Tape Library

*P5 Archive Edition (AWB523) P5 Archive: up to 50TB disk target or up to 25 slot tape library and 2 tape drives

Key Features

Archive = Migration

- Previews
- Browse & search
- User restore
- Off-site storage
- Long term storage
- Video archive
- Add metadata
- Incremental archive

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