

## Promise Technology Storage & Archiware P5

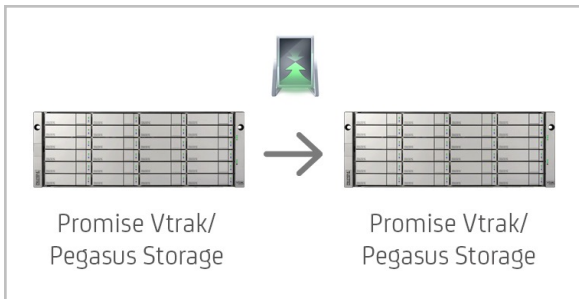
### Promise & Archiware working together to secure your Workflow

The continuous migration to high resolution 2K, 4K and 8K 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 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, tape and cloud and providing long-term archive and is fully compatible with Promise's products: The Vess Series, the Thunderbolt-enabled Pegasus Series, the VTrak x30 Series and the VTrak A-Class SAN file system appliance 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.

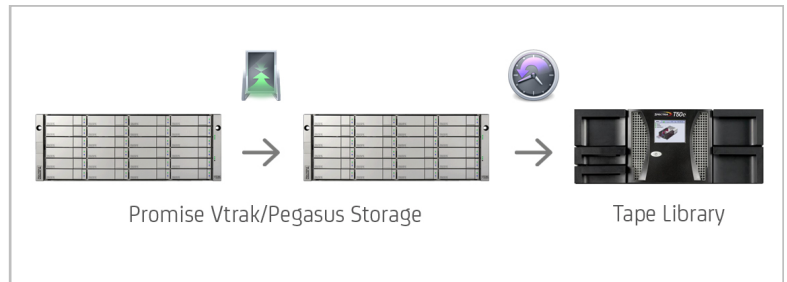
#### Failover with P5 Synchronize



Shared production storage is time critical. Therefore it needs to be kept available all the time. Archiware's P5 Synchronize clones data to the secondary storage, creating a failover solution on the secondary storage. In case of emergency, switching over takes only minutes before all data is again available to continue production. Additionally, file versions and snapshots can be kept.

By using FSEvents, copying changed files can start immediately without scanning the storage. This saves countless hours. Sync intervals can be kept short to reach an even higher level of data security.

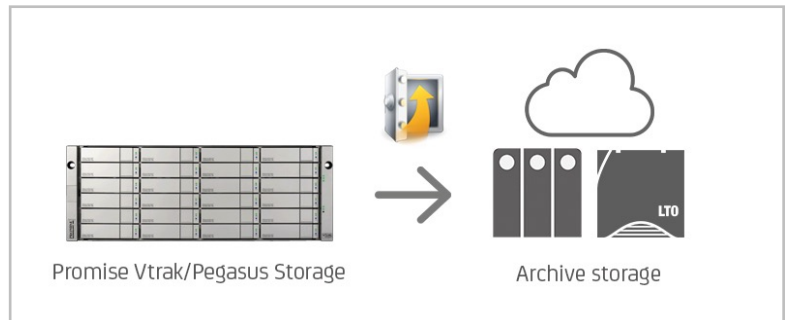
#### Failover & Backup: Disk-to-Disk-to-Tape



**Step 1 - Cloning to Disk:** One of the safest strategies for data availability and safekeeping is combining failover and backup and creating a disk-to-disk-to-tape setup. In this scenario, P5 Synchronize mirrors data from the primary online storage to a secondary online storage for an identical copy of data that is immediately available.

**Step 2 - Backup to Tape:** In a second step, P5 Backup creates a security copy from the secondary storage and writes it onto LTO Tape. This way, the CPU consumption is minimized on the primary storage and the LTO Tape backups can be stored offsite for maximum security and restore in case of error or technical failure.

#### Data Migration to Archive - Make Space, Take Control



Online storage space is always precious. It therefore makes sense to migrate all data that is no longer used in daily production to a well-managed Archive where it will be kept safe and can be easily restored when required. Archiware P5 Archive even offers a cloning function to create a second, identical set of tapes that can be stored off-site for maximum security.

Archiware P5 Archive offers a catalogue with user-definable metadata fields and previews. Using this catalogue, users can easily find media and view it before restoring. The catalogue offers storable searches, making collaboration with colleagues much easier.

#### Options, Configurations, Interfaces...

We are here to help :

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