

Tier 4 storage Usage Models

The following is a list of uses for Tier 4 storage technologies. They share some or many characteristics that a Tier 4 solution is designed to support.

- Video Storage and access for dash-cam and surveillance video
- Video streaming/ playback support
- Photogrammetry data storage
- Imagery for GIS applications, medical records, case management and financial records
- Litigation holds
- Snapshots/Shadow copies for server state/point in time backup
- Data archival and long-term data retention

The following are some considerations CTS will apply when considering solutions to the listed usage models.

- Data is seldom accessed and largely static content (write once, read occasionally)
- Data requires protection from erasure or loss and in some cases, must be encrypted or implement some form of data obfuscation
- Performance requirements are low. The technology solutions can use commodity storage componentry, helping to keep costs low.
- Data is file-based data (Unstructured data)
- Access control can be administered by end customers