

# Solution Brief



**Huawei Symantec**



*Oceanspace T-Series storage systems, Apple Final Cut Pro, and Quantum StorNext, form a high-performance storage solution for post-production and broadcasting*

## Post-Production and Broadcasting

With the explosion of digital content, post-production and broadcasting companies need to rethink the way content is shared through the workflow. Diverse applications and systems in heterogeneous environments need the ability to share content through file-based workflows.

The Huawei Symantec Oceanspace T-Series storage systems paired with Quantum StorNext™ provide digital workflows with the following benefits:

- Supports all applications and systems that are part of the workflow, including Apple Final Cut Pro, Adobe and Autodesk, to name a few.
- Provides flexibility and system modularity while keeping it cost effective.
- Enables parallel workflows which allow a large number of users on different systems using Windows, Linux, UNIX or MAC OSX, to access and share content at the same time without delays.

### Huawei Symantec Oceanspace T-Series

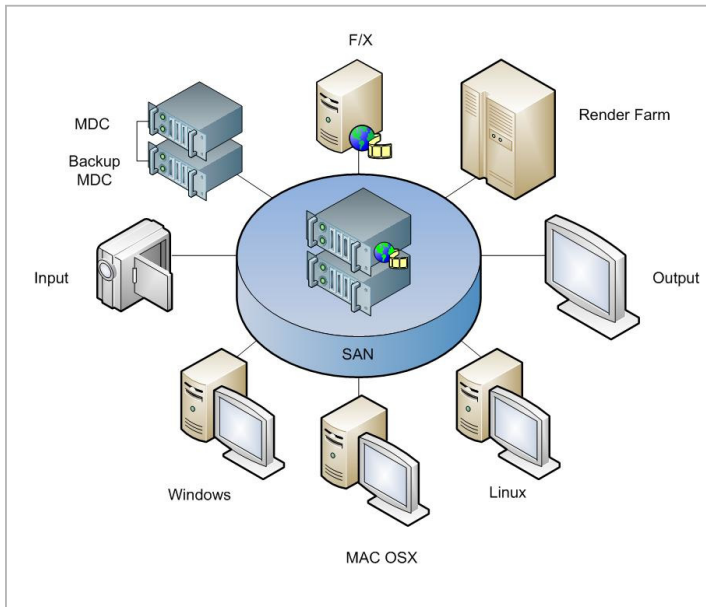
The Oceanspace T-Series configuration combined with Apple Final Cut Pro and Quantum StorNext delivers a simple, scalable solution for post-production and broadcasting. All post-production editing stations have direct concurrent real-time access to all the necessary content. All other workflow elements, such as ingest and play-out are simultaneously available for use. Using this configuration eliminates the need to copy, move or re-ingest content from one step to the next.

FinalCut Pro has been instrumental in bringing digital-file-based editing into the mainstream market. For companies deploying digital workflow production, it becomes increasingly important to ensure that their storage systems support and enable parallel workflows by allowing other users, as well as other applications, to access the content at the same time.

### Oceanspace T-Series



**The modular storage system allows you to scale capacity to over 1,000 drives.**



The combination of T-Series storage and StorNext software provides a high-performance workflow environment including file creation, storing, and sharing.

**Oceanspace T-Series Storage System Solution Configuration Details**

The Oceanspace T-Series storage system configuration consists of a SAN Storage Area Network in a Quantum StorNext environment. The StorNext Metadata controller runs on a Linux server and provides shared access to Windows, Linux, UNIX or Mac OSX system clients. The server and workstations (shown above) are connected by 8GB Fibre Channel. This is the path for high-speed data transmission from storage to the user. Metadata is recorded and controlled by the StorNext Metadata Controller or MDC. A backup MDC or High Availability StorNext server allows for fully-redundant access to the Metadata controller information that is transmitted over the ethernet network.

The digital film or recorded files are delivered or ingested onto the SAN Storage Area Network. The Metadata Controller keeps track of the files and makes them accessible to all connected clients. As your project requirements increase and more disk storage is needed by adding more expansion enclosures, your

drive volume size increases. This tiered storage approach allows scalability and cost effectiveness and allows users the high-performance speed of fibre channel. It gives multiple editors using different applications and operating systems, direct shared access to a common set of video files. This gain in efficiency saves companies time, and helps get content ready for broadcast distribution significantly faster than competitive approaches.

**Data Efficiency:** With massive increase in content and parallelization of workflows, along with an increasing demand in optimizing data efficiency-the Oceanspace T-Series storage system enables cost-effective, redundant and high available digital archiving, and can provide up to 3PB of storage capacity. This translates to tens of thousands of hours of broadcast-quality HD content.

**Quantum StorNext Software**

The Oceanspace S5600T storage solution, coupled with Quantum StorNext software, is simple, concurrent, and scalable. Unlike traditional solutions that require a separate storage server to address each need, the Oceanspace T-Series storage solution supports any combination of fast, Solid State, SAS, Fibre Channel or lower-cost SATA disk drives behind a single Oceanspace T-Series. The all-in-one design allows administrators to manage throughput, storage capacity or budgets, depending on the digital workflow requirements.



**StorNext is the defacto standard for post-production professionals migrating from Apple Xsan.**

The Huawei Symantec Oceanspace T-Series storage system is the ideal solution for the post-production and broadcasting industry, delivering industry-leading application performance and sustained responsiveness. Overall, it provides the best solution for high-performance computing environments at a lower cost.



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