

QuantaStor SDS Media & Entertainment Solutions

QuantaStor SDS' high-performance, robust, and flexible Software-Defined Storage platform reduces costs and storage management time, delivering new levels of efficiency for Media & Entertainment workflows.

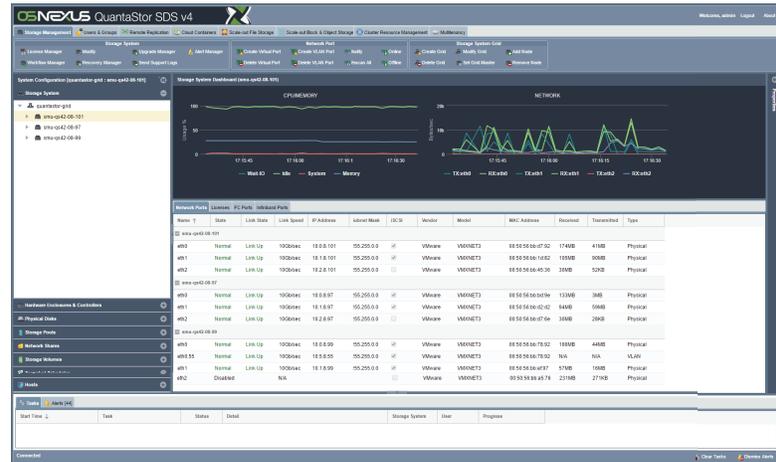
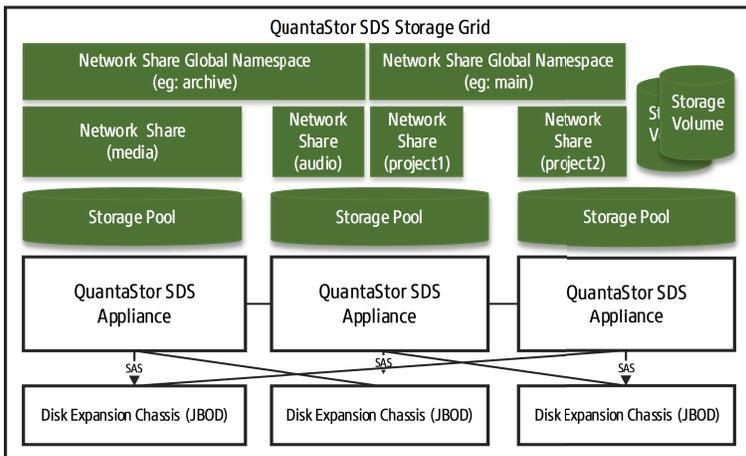
Today's media and entertainment organizations are managing assets and content production across many sites and facilities. This makes it challenging to keep track of where digital assets are located as traditional SAN/NAS appliances form silos of data that exacerbate the asset tracking problem.

QuantaStor SDS' built-in storage grid technology enables linking of storage appliances across global data centers and on-premises locations. Storage grid technology eliminates many of the typical capacity planning and storage tracking problems while making it easier for IT administrators to share storage resources and secure assets across the organization.

QuantaStor also eliminates many of the high costs associated with traditional SAN/NAS platforms by leveraging standard server platforms from HPE, Dell, Cisco, Supermicro, and Lenovo. This typically saves organizations 50% or more on the storage side of their IT budget.

Common Media & Entertainment Use Cases

QuantaStor SDS is an ideal solution for a broad spectrum of M&E use cases, including post-production content creation, non-linear editing, media transcoding, rendering, color correction, content delivery networks, and sound editing. With support for SAN/NAS and object protocols (including iSCSI/FC, NFS/SMB, SWIFT/S3), QuantaStor can be used to address complex workflows which require moving content through various stages from production to archive.



Media & Entertainment Key Features

Storage Grid Technology – QuantaStor grid management technology enables companies to start small and grow to 64 appliances and 64PB to meet the diverse workflow needs of media and entertainment organizations. QuantaStor storage appliance grids may be deployed on a heterogeneous mix of hardware from major server vendors. This provides IT organizations with new levels of business agility as resources can be easily moved between compute and storage.

Global Namespaces – Global Namespaces simplify NAS storage management and increase end-user productivity by combining shares into easy-to-access groups that are accessible across a storage grid of appliances. Ideal for media post-production, Global Namespaces allow IT managers to distribute files in a way that achieves the best performance and capacity utilization per system.

100-Year Archive – Media and entertainment companies must ensure the long-term availability and integrity of their digital media assets. The SNIA-Data Management Forum's "100 Year Archive Task Force Requirements Survey" found that most organizations have long-term data retention requirements that exceed 50 years. QuantaStor can help organizations meet their 100-year archive goals through powerful snapshotting technology, bit-rot protection, parallel steaming backup and archive capabilities as well as a diverse set of data security and encryption options.