

## Enabling Avid Media Workflows with QuantaStor SDS

Artists and editors at post-production studios are quick to learn that Avid Media Composer (MC) has special storage needs. If one tries to use a regular NAS filer or SMB share to store the video frames and metadata for their Avid MC based project, they quickly learn that the metadata can be corrupted when more than one editor or artist is using the same SMB share at the same time in an effort to collaborate. The core of the problem is that each user running Avid MC needs to edit their own copy of the project’s metadata stored within the “MXF” folder. If they edit a shared copy it can overwrite and potentially corrupt the metadata files stored under MXF for other users since Avid MC instances traditionally only work together using Avid Nexis/Isis systems.

To solve this problem, QuantaStor SDS was enhanced in v4.1 to provide an alternative solution for Avid MC collaboration which eliminates the need for expensive Avid Nexis systems. The QuantaStor solution enables artist to collaborate using standard CIFS/SMB protocols to QuantaStor SDS appliances through the use of extensions (vfs\_unityed\_media) inside the appliance which handles Avid MC metadata sharing.

### Media & Entertainment / Avid Media Composer Workflow

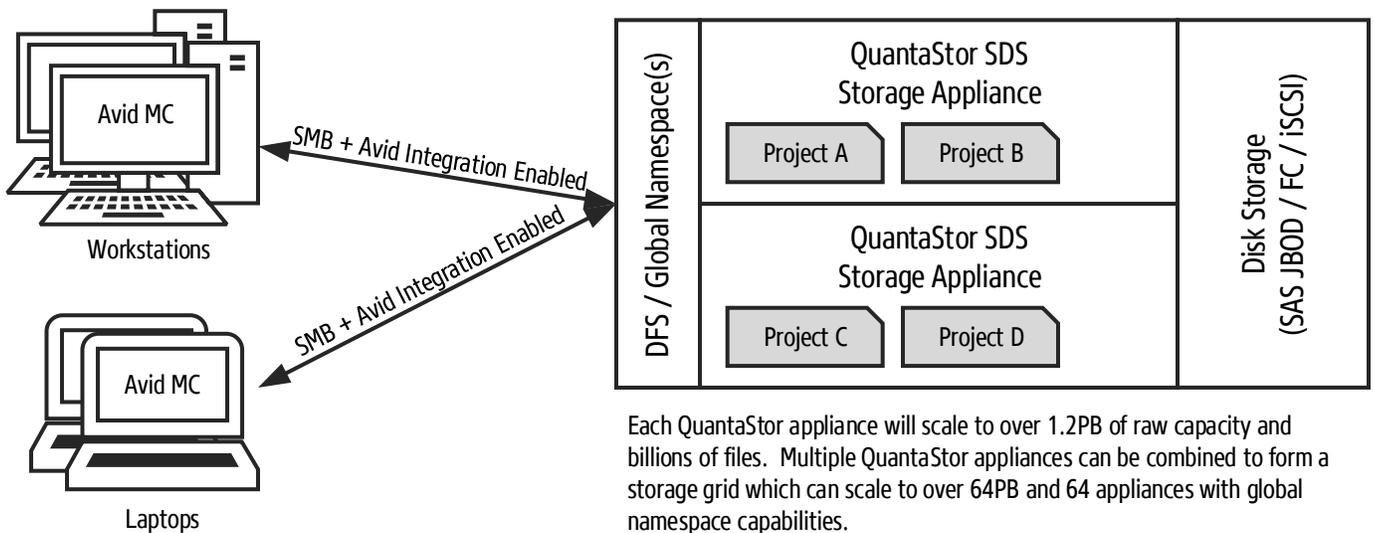
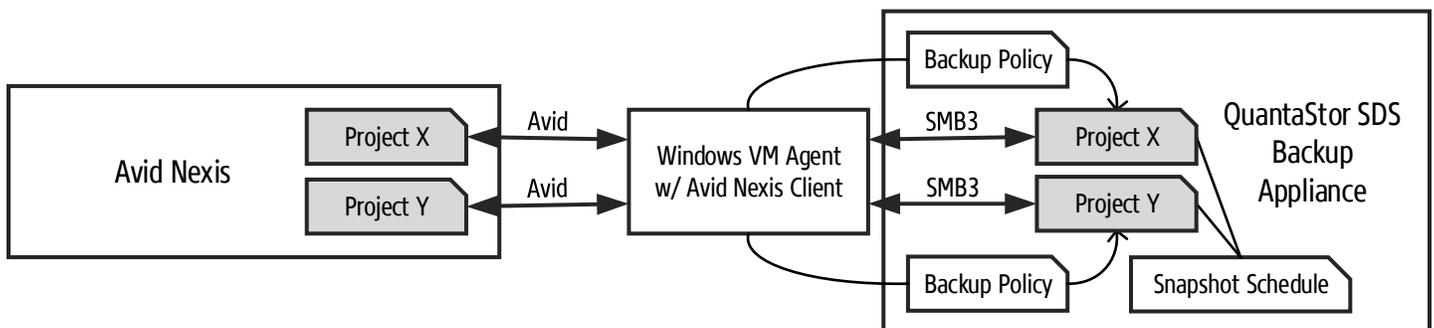


Figure 1. The diagram shows how artists and editors using OS/X and Windows laptops and workstations are able to collaborate on Avid MC based workflows using QuantaStor SDS storage appliances.

QuantaStor appliances can also be used to automatically backup Avid Nexis appliances using the Backup Policy features built into QuantaStor. This provides a low cost disk-to-disk backup solution for Avid workflows that makes it easy for artists and editors to recover files.



QuantaStor SDS Reference Configurations are available for all major server vendors including Cisco, Dell, HPE, SuperMicro and Lenovo. For more information on QuantaStor SDS and Avid integration please contact your OSNEXUS partner reseller or email [sales@osnexus.com](mailto:sales@osnexus.com).