

Certification Testing Specifications

Validated with Axxon One Software and the Axxon One file system: November 12, 2019.

Tests Executed

- Configure basic Archive configuration
- Configure 256 virtual cameras
- Check recording and reading from archive
- Leave system recording for a week
- Check archive stability after 1 week and verify maintenance of archive system performance

Camera Streams

- AVI 1280x720 16:9, H264 format, 30 FPS (Variable) - 1.529 kb/s ea.
- MKV 3840x2160 16:9, HEVC format, 15 FPS (Constant) - 2.511 kb/s ea.

System Specifications

- **Storage**
 - NetApp® E-Series E2812 with 2 physical iSCSI connections per controller
 - 12 Drives Dynamic Disk Pool
- **VMS Server**
 - HP ProLiant DL380 Gen9
 - CPU: Intel Xeon CPU E5-2623 v3 @ 3GHz, 4 Core(s), 8 Logical Processor(s)
 - RAM: 64 GB

AxxonSoft One video management software has been tested and validated with the NetApp E-Series SAN storage system.

This combination of technologies delivers a high level of functionality for critical surveillance implementations.

E-Series systems deliver the fast transactional speed (I/O) needed to maximize the functionality of the AxxonSoft MomentQuest feature set. And the high bandwidth capabilities of E-Series systems meet the fast recall performance demanded by the AxxonSoft TimeCompressor technology.

Overall, NetApp E-Series systems enable the best possible functionality in AxxonSoft deployments, leveraging the powerful analytics capabilities of the software with the scale, reliability, performance, and ease-of-management delivered by E-Series storage systems.

