

NAS Enterprise Storage Solutions for Media and Entertainment Workflows

Seagate® and QNAP—delivering high-performance, collaboration, and centralized storage solutions with best-in-class TCO for content creators.

Challenge Summary

Demanding media and entertainment workflows require high-performance storage that allows for intense collaborative work, centralized to manage today's toughest challenges—while offering the flexibility to grow and adapt when you need to.

Benefits Summary

- Centralized storage
- Collaboration
- Backup
- Secure
- High-performance

A leader in network attached storage (NAS), QNAP provides storage solutions with Seagate's IronWolf Pro enterprise drive that delivers a centralized, collaborative, and high-performance NAS—empowering creative professionals with the freedom to create content while keeping their data secure.

Creating blockbuster films, sports coverage, and award-winning TV and video content involves managing, sharing, and protecting massive volumes of data—moving it efficiently from one system to another, between artists, teams, and locations—quickly, securely, and cost-effectively. This demanding workflow requires a reliable high-performance, high-capacity, centralized, and secure storage solution that can empower users to collaborate, simplify infrastructure, and offer a range of reliable products with proven design.

Challenge/Problem

Content creators need a centralized storage solution that's shareable and can handle the intense workloads due to the high definition 4K and or 8K media files they work with. A direct attached storage (DAS) such as a USB or external drive is great for on-the-go storage and performance, however these drives are often lost, mishandled, or break over time. Being able to offload data onto a storage solution that's easily scalable for more storage is great for backup, so files are no longer lost.

Solution Approach

Enter the NAS enclosure—built for enterprise level performance that allows for collaboration among others and high capacity storage. What content creators need is a storage solution that can centralize and provide high-capacity storage that is secure in a high workload environment and capable of sharing content among each user.

Enterprise NAS can handle the needs for media and entertainment workflows, including animation and special effects, broadcast television, studio production, and post-production—serious demands that require a streamlined data storage approach.

Seagate Solution

Seagate's IronWolf® Pro enterprise class drives are purpose built for the best performance possible. NAS is designed for collaborative storage that is centralized, safe, and secure. In a multi-user environment a NAS is the best choice to simply share files over the network, allowing for projects be to completed easier.

IronWolf Pro drives are a key component installed into the NAS. They can handle the intense workload required in a media entertainment environment with up to 550TB per year, making it a breeze to upload and download data from the NAS.

Partner Solution

With QNAP's NAS you can easily access your data in one centralized spot to share and back up your files with a secure connection. QNAP allows you to cross collaborate among different platforms because it works with SMB/CIFS, AFP, WebDAV, and NFS protocols. On Windows, Mac, or Linux you'll be able to share files easily among team members and QNAP's operating system is compatible with Adobe software—making your data even more accessible. QNAP also has Qsync, providing your own private cloud that syncs files in real time with others and allows you to access them easily through your mobile device or desktop.



Total Solution

QNAP's NAS and QuTS operating system combined with IronWolf Pro enterprise class drives is built to easily handle heavy workloads in an intense collaborative environment, providing high capacity storage for all your back up needs—all while in a secure centralized location. The QNAP and Seagate solution is built to meet rigorous media workflow demands and offers best-in-class total cost of ownership (TCO).

Together, Seagate and QNAP provide high-performance storage that allows teams to share and collaborate on projects. The easy-to-use QNAP QTS operating system is a centralized storage solution with best-in-class TCO. This combined solution helps clients overcome data-driven challenges and escape the limitations of today's technology—reducing cost and complexity.

Seagate IronWolf Pro Enterprise NAS hard drives

IronWolf Pro drives are engineered to deliver 24x7 performance, reliability, and dependability in multi-bay, multi-user commercial and RAID enterprise NAS solutions in media and entertainment. Built tough with CMR technology, rotational vibration sensors, and AgileArray™ firmware for best-in-class performance and total cost of ownership, IronWolf Pro drives give you total peace of mind with IronWolf Health Management, complimentary 3-year Rescue Data Recovery Services, and a 5-year limited warranty.

Features & Benefits

- Best-in-class TCO
- Built for media and entertainment workflows
- Highly scalable
- Simple management
- Cross-platform support



Conclusion

QNAP's NAS and QuTS operating system combined with IronWolf Pro enterprise class drives is built to easily handle heavy workloads in an intense collaborative environment—providing high-capacity storage for all your backup needs within a secure, centralized location. This Seagate and QNAP solution is built to meet rigorous media workflow demands and offers best-in-class TCO.

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QNAP Enterprise NAS

- Centralized storage that's shareable for a collaborative environment
- Highly scalable storage for huge 4K and or 8K files often used in media and entertainment
- High-performance with built in CMR technology that's ideal for NAS in multi-user environments

For more information on Seagate and QNAP NAS, visit www.seagate.com/solutions/partners/qnap

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