

Case Study

NAS Brings the Wow Factor to Post-Production

How Seagate and QNAP work together for ultra-efficient editing and archiving.

G6 Motion Control is a leading global visual engineering company that produces films, commercials, and music videos. The team specializes in high-speed motion control capture, steadicam work, and virtual production. Their cameras produce extremely large files that are stored, accessed, and shared, which means high-capacity storage is a must.

To support their creative process, G6 Motion Control needed a comprehensive, reliable system that provides easy access to hours and hours of footage.

- **Faster drive speed for smoother post-production**
- **24 × 7 NAS access for efficient collaboration**
- **Streamlined work with single-space file storage**



Their Story

Innovative films and videos via high-tech motion capture.

UK-based G6 Motion Control (G6MOCO) offers advanced filmmaking tools under one roof to produce footage that breaks boundaries and wows the brands and artists they support. Whether combining digital and physical worlds (virtual production) or capturing motion using a robot and slow-motion camera, G6MC produces results that most people think can't be achieved.

Their Goal

Setting the standard for mind-blowing motion control videos.

G6MOCO services have grown from a single camera on a robotic arm to multiple high-speed motion control robots, a tracking vehicle, and virtual production. The company plans to add more solutions that will further enable its wow-factor creativity.



Their Problem

Growing data leads to new challenges.

As G6MOCO expanded their video-capturing offerings, they've encountered new challenges. Because they stored projects on multiple hard drives, the production team struggled to quickly locate footage. This waste of time was compounded when multiple people needed to access the same drive. They also worried that footage could be misplaced or lost when shifting files to different hard drives to optimize space.



Boosting efficiency with a single storage source.

For peace of mind—and improved workflow—G6MOCO decided to move their systems to a more robust, long-lasting solution that would help with performance and growth.

The goal was an all-in-one system—a single location to store and retrieve all file types—that allowed the team to edit more efficiently and archive completed projects. The new setup also needed to give multiple users (with multiple computers) quick access.

After extensive research, G6MOCO adopted a solution that checked all the boxes: the QNAP QuTS Hero (a 8-bay NAS system) and a series of Seagate® drives: eight IronWolf® HDDs, two SSDs, and two M.2 drives.

With this approach, the company can upgrade the Seagate HDDs or add an extension box for additional storage. The flexibility to grow their production system as their work grows allows G6MOCO to focus on what's most important: creativity.



Their Success

Streamlining production tenfold.

Today, G6MOCO has experienced improved workflow along with faster editing and rendering. Storing all projects in one unified place makes it easy to locate the needed files. Handling all post-production via the Seagate SSDs results in faster, smoother editing. And housing final files on Seagate HDDs frees up space on the SSDs for the next project.



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“Having everything in one reliable NAS system makes things faster and easier. We can edit using SSDs while transcoding and backing up footage to HDDs.”

RAMMY ANWAR, G6 MOTION CONTROL LTD



Products Used

IronWolf 110 SSD × 2

The Seagate® IronWolf® 110 SSD is designed for everything business NAS, with 24×7 performance to handle multi-user environments across a wide range of capacities.



IronWolf 525 SSD PCIeG4 × 4 NVME × 2

Seagate® IronWolf® 525 enables fast caching and tiered storage for best-in-class NAS performance. Designed with PCIe Gen 4 support and class-leading endurance and reliability, IronWolf 525 is the ideal choice for creative pros and businesses with demanding performance needs.



IronWolf HDD 4TB × 8

IronWolf is designed for everything NAS. Get used to tough, ready and scalable 24×7 performance that can handle multi-bay NAS environments across a wide range of capacities.



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Our storage specialists are here to help you find the right solution for your data challenges. [Talk to an expert.](#)

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