

# Purpose-built Solutions for Media and Entertainment Workflows

**Seagate® and pixitmedia's® pixstor™ —delivering  
high performance, scalable, and seamless storage  
solutions with best-in-class TCO**

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## Solution Summary

**pixstor** software-defined storage combined with Seagate Nytro® and Exos® storage systems create high performance, scalable, and flexible data storage solutions with best-in-class TCO that are purpose-built to meet rigorous media workflow demands.

## Benefits Summary

- Best-in-class TCO
- Guaranteed Performance
- Unlimited Scalability
- Advanced Security
- Enables Remote Workflows

Demanding media and entertainment workflows require high-performance storage to manage today's toughest challenges — while offering the flexibility to grow and adapt when you need to. **pixstor** software-defined storage solutions together with Seagate's industry-leading enterprise solutions provide you with the freedom to innovate and empower users to collaborate while keeping assets secure and cloud deployments cost-effective.

Together, Seagate and pixitmedia provide purpose-built, software-defined storage and data management solutions for the Media and Entertainment industries. That help clients overcome data-driven challenges and escape the limitations of today's technology — reducing cost and complexity while giving clients the freedom to work how they want, to do more, and thrive.

## The Challenge

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 high-performance, high-capacity, secure storage solution that can empower users to collaborate, simplify infrastructure, and offer a range of reliable products with proven design.

## The Solution

**pixitmedia's pixstor software** is a complete software-defined shared storage solution that is purpose-built 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 solution approach.

When combined with Seagate's Nytro X 2U24 all-flash array for primary storage and Exos X 2U12 and Exos X 5U84 disk storage arrays for secondary storage—each with ADAPT data protection—you get a high performance, scalable, and flexible storage solution with best-in-class TCO.

**Seagate** Nytro and Exos storage systems provide an excellent combination of performance, capacity, modular configuration, and expandability making them the perfect storage solution for pixstor installations.

Nytro all-flash arrays deliver uncompromising performance at industry-leading price points, the perfect Tier 1 storage for demanding workflows—like color grading and VFX. Exos high-density disk arrays deliver up to 1.5PB of raw disk space in just five rack units, ideal for Tier 2 storage for production footage, graphics, audio, and other assets.

**pixstor** is a complete software-defined shared storage solution that is purpose-built for demanding media requirements. Its unique scatter algorithms for file placement deliver guaranteed performance from disk to desktop regardless of the percentage of file system used. pixitmedia's data-aware scale-out NAS platform ensures your data is always available, precisely when and where you need it—without compromise.

Powered by a proven high-performance parallel file system and trusted by thousands of businesses globally, pixstor can easily manage petabytes of data and billions of files, all in a single global namespace while providing a seamless user experience. It empowers media organizations to collaborate globally and to search, manage, and protect their data on-prem or in the cloud.

Combined with pixstor, Seagate systems create a flexible, high-performance platform for media creation and post-production workflows to support diverse performance and capacity needs.

Since pixstor is a software-defined architecture with a multi-tiered single namespace, Seagate high density, high performance storage platforms—including the Nytro and Exos systems—are the perfect complement for creating a single file system with Tier 1 and Tier 2 performance.

In addition to the core file system performance, pixstor also brings a powerful search interface, audit-compliant security, and data analytics. Add in the ngenea® data management layer to manage, migrate, and replicate data through multiple tiers of on-prem object storage and off-prem cloud or remote site storage—all in a single namespace integrated with pixstor Search—to find and recall assets seamlessly across all storage tiers.



## Features & Benefits

- Best-in-class TCO
- Guaranteed Performance
- Unlimited Scalability
- Simple Management
- Single Global Namespace
- Advanced Security
- Enables Remote Workflows
- Cross-Platform Support
- Simple Cloud Deployment

Seagate and paxitmedia have partnered to enable customers to quickly build and operate their own private storage cloud.

Seagate delivers an industry-leading storage platform allowing up to 1.5PB in 5U, which increases rack density and lowers the data center footprint while increasing performance required by machine learning, cloud-native container applications, and advanced telecom native applications.

Together, Seagate and paxitmedia provide the industry-leading solution to run your private cloud storage infrastructure, powering your most demanding applications running in your cloud and at the edge.

## Conclusion

For more information on Seagate and paxitmedia software-defined storage solutions, visit [www.seagate.com/solutions/partners/paxitmedia](http://www.seagate.com/solutions/partners/paxitmedia)

For more information on paxitmedia, visit [www.paxitmedia.com](http://www.paxitmedia.com)



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