

Data-Aware Scale-Out Storage for Higher Education

Higher Education institutions are constantly creating, storing, and archiving new data—research divisions, student data and records, library archival content, etc. Scalable storage infrastructure plays a critical role in the ability to store, manage, and curate vast and rapidly growing libraries of media and other educational content. Qumulo Core—data-aware scale-out NAS—is flexible to adapt to Higher Education data growth and the unique needs of individual academic groups while providing uncompromising protection and availability to ensure always-available access to all data on-campus and elsewhere.

Easily Manage Millions or Billions of Digital Assets

Qumulo Core’s integrated file system analytics allows Higher Education and research institutions to get real-time answers about their data footprint at incredible scale. With metadata built directly into the Qumulo Scalable File System (QSFS) as an intrinsic element, storage administrators have visibility into their data and storage, usage patterns and which users or workloads are impacting performance and capacity.

Achieve Cost Containment and Flexibility

Qumulo’s data-aware scale-out NAS is a software-only solution that gives Higher Education storage administrators the ability to scale the storage infrastructure on-demand, growing their working, archival storage, and scratch environments based on business and client needs. Without the barriers of proprietary hardware or software, businesses have the freedom and flexibility of deploying Qumulo Core anywhere—whether on-premise or as a virtual machine—to support active archiving for the life of the content.

Maximize Price/Performance and Price/Capacity With Flash-First Hybrid Design

Qumulo Core’s flash-first hybrid design uses flash memory in combination with hard disk drives to create a scale-out NAS solution that balances performance, capacity and cost. Qumulo Core is able to provide Higher Education institutions with a solution that leverages the value of commodity hardware and is optimized for performance and capacity.

No Compromise Scale-out NAS Built for Higher Education

Qumulo Core provides unmatched support for the widest range of Higher Education workflows. Whether you are dealing with transactional or sequential access patterns and small or large file sizes, Qumulo Core supports them all within a single file system. Qumulo Core delivers industry-leading scalability in a single file system.

Qumulo Benefits for Higher Education

- **Qumulo Core’s integrated file system analytics allows higher education institutions to get real-time answers about their data footprint at incredible scale**
- **Support integration with existing file and management tools via an open REST API with active GitHub open-source community**
- **Agile development supports rapidly bringing new features to market that support the growing needs of higher education and digital archiving**

Benefit from Our Experience

Our products were designed for HPC, research, and active archiving workflows in Higher Education institutions. Contact us to discuss your specific requirements.

Contact Qumulo to learn more about our Higher Education solutions:

1-855-478-6856 | info@qumulo.com

Higher Education Architecture

