

Unleash the Power of Your File-Based Data

When you're close to a breakthrough, you need answers fast—without having to wait for an outdated storage system to catch up. As imaging data sets grow to unprecedented size and complexity, you need storage designed for high performance at vast scale. Qumulo puts all your imaging data at your fingertips so you can deliver the proof that drives discovery.

Whether you're seeking a cure, developing a compound, or mapping the universe, you depend on image-based data—both newly acquired and previously generated—to feed your research workflows. Outdated storage products designed for an earlier era simply can't meet the demands of modern imaging; traditional archives are better at holding data than making it available for ongoing access. They're also difficult for administrators to maintain and service, so even a small problem can lead to a big delay in your work.

Qumulo helps you keep your research imaging workflows running smoothly with the world's most modern, scalable hybrid cloud file storage system. The ability to access archived data with real-time performance means that all your images—both newly captured and previously generated—are always at your fingertips. An intelligent hybrid architecture gives you optimal capacity and performance at the lowest possible price to help limited grant funding go further.

Behind the scenes, administrators use transparent performance metrics, infrastructure monitoring, easy troubleshooting, and world-class support to prevent problems from affecting your research. A highly efficient architecture and accurate capacity metrics mean you won't unexpectedly run out of storage at the worst possible time. Because you're in this field to advance knowledge—not worry about storage.

"It's impossible to make smart decisions about data when your storage is a figurative black box. Qumulo lets me know in an instant how the data is used, who touches it and how often – so storage is no longer a technical issue, but a management decision."

— Nick Rathke, Associate Director, Information Technology, Scientific Computing and Imaging Institute, University of Utah



UNDERSTAND YOUR STORAGE



Real-time analytics

Qumulo is designed for data intelligence, allowing users to predict usage trends and better manage capacity. Understand your storage at a granular level. Get answers and solve administrative problems in real time, no matter how many files and directories you manage.

SCALE ACROSS BOUNDARIES



Scale across platforms

Built to scale across your data center and the cloud. Our unique hybrid cloud approach lets you manage your data seamlessly between your data center and cloud environments.



Scale to billions of files

Use any mix of large and small files and store as many files as you need. There is no practical limit with Qumulo's advanced file system technology.

CONTROL YOUR DATA



Programmable infrastructure

Programmatically configure and manage usage, capacity and performance. Qumulo helps you automate system administration with a programmable infrastructure.



Cloud-based monitoring

Qumulo proactively detects potential problems, such as disk failures. Access historical trend data about how your system is being used.

BE DELIGHTED BY YOUR STORAGE



Access to innovation

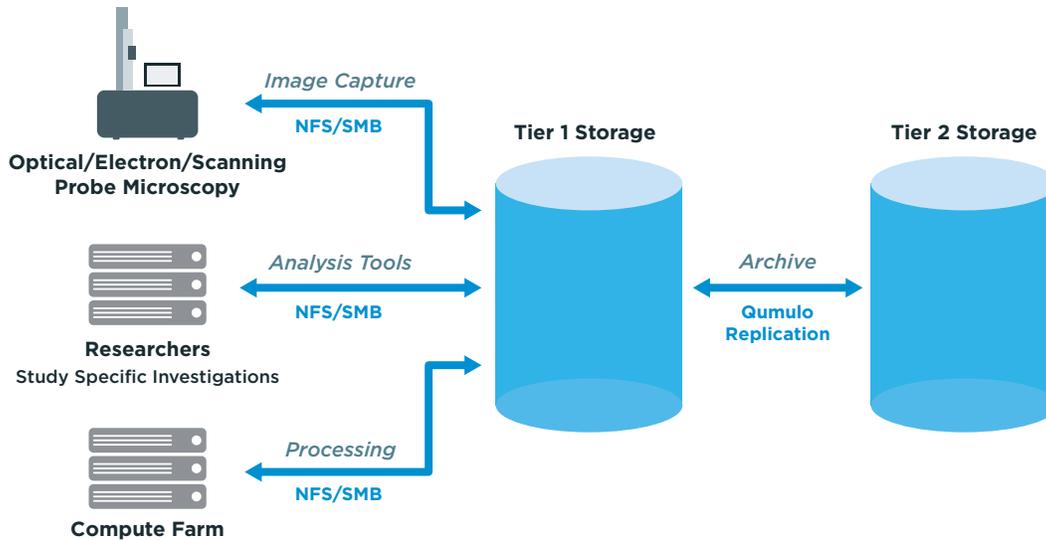
Qumulo uses modern development practices, with small, frequent releases that keep our file system on the leading edge of what's possible.



Out-of-the-box simplicity

Skip the pain. From the moment Qumulo is unboxed to when it can start serving data is a matter of hours, not days.

RESEARCH IMAGING WORKFLOW



What Qumulo Means to Researchers

SPEED TO DISCOVERY

Providing fast access to petabytes of complex archived data, Qumulo ensures that storage performance never becomes a bottleneck to research.

FREEDOM FROM CAPACITY LIMITATIONS

Qumulo delivers premium performance at an economical price so you can make tight budgets and limited grant funding go even further. It's simple to add capacity in granular increments to address growing needs— without expensive overprovisioning.

FAST ACCESS TO FILES

Unlike traditional tape-based or cold storage archive systems that leave valuable data hard to access, Qumulo delivers nearline performance at the cost of archive software so you can afford to keep your archived data close at hand and ready for use.

VISIBILITY INTO DATA AT SCALE

No matter how many files you store or how complex your system becomes, QF2 gives you a clear understanding of which archived data is still being accessed, what's dormant, and whether a rogue process or researcher is slowing performance by overconsuming resources.

OPTIMIZED WORKFLOW

API integrations into your applications and research pipeline make it simple to automate and optimize workflows for greater speed and productivity.

ABOUT QUMULO

Qumulo hybrid cloud file storage delivers real-time visibility, scale and control of data across on-prem and cloud. Qumulo customers understand storage at a granular level; programmatically configure and manage usage, capacity and performance; and are continuously delighted with new capabilities, 100 percent usable capacity and direct access to experts.

More: qumulo.com