



What's Next in High-Performance Data Storage

Supercomputing 2025

Before we get started...

Some housekeeping details

- Please feel free to ask questions along the way. We have plenty of time to answer.
- We are recording today's presentation and you can get to all the show content using the QR code here or on the booth flyer.
- Thanks for dropping by, please make sure to get scanned and enter to win the LOOI Robot- AI Desktop Companion



Agenda

What we will
be covering
today



- The Current State
- Some Possibilities for the Future
- The Qumulo Data Platform
- Q&A

Current State

- Siloed, narrow-purpose, high-performance systems.
- Data copied for analysis, then discarded.
- Tremendous setup effort per analysis.
- Expensive and time-consuming.
- Most on-premises or in data centers.

The Future

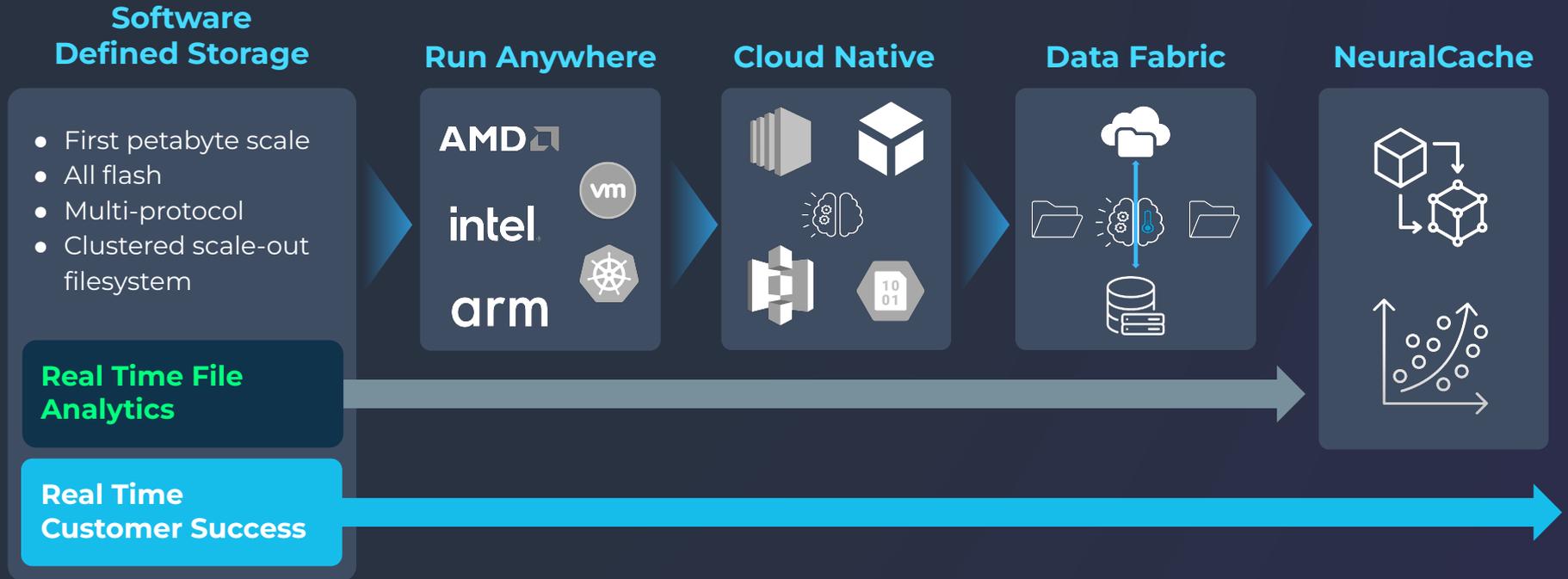
- Unified solutions that handle all your data without compromise
- Cost-effective for ingest, processing, runtime, and even archive in the same solution
- No data transfer or copying
- Decoupled performance and capacity in the cloud and on-premises
- HPC running hybrid or mostly in the cloud



To unify the world's unstructured data, giving our customers the freedom to create, manage, and store ...any data, any location, with total control



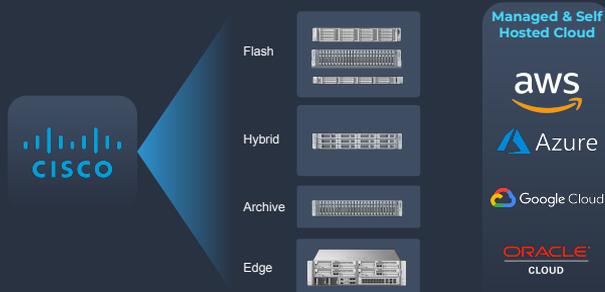
Data Operating System: Platform Innovation



Highly Differentiated Market Leader

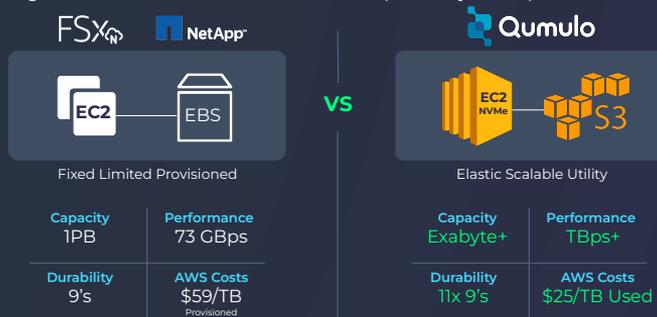
Run Anywhere

Any System, Any Cloud, Any Architecture: broadest array of hardware and cloud support



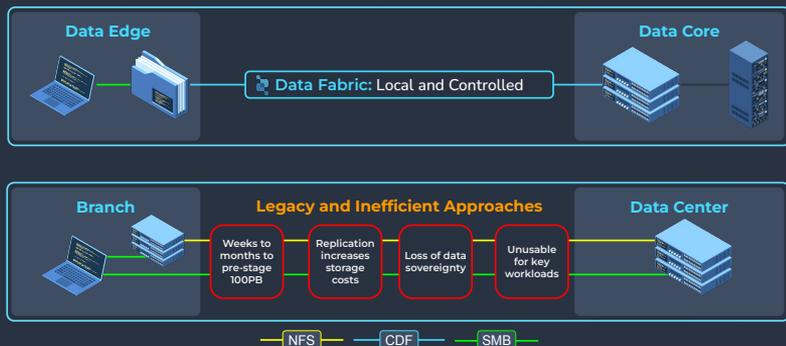
Cloud Native Architecture

Developed on **modern cloud native primitives**; persisting data on all tiers of cloud object, caching in NVMe instance attached flash with independently scaled performance



Data Fabric

Extending a global namespace with strictly consistent data anywhere



NeuralCache

predictive caching layer that dramatically accelerates workload performance by anticipating data needs **before** requested

32 Trillion

parameters over 13+ years of workload I/O patterns across >5 Exabytes



Next Steps

Resources available to learn more

- Join us for a demonstration at our demo pod
- Reach out to our sales & solution engineering team (sales@qumulo.com)
- Learn more at www.qumulo.com
- Schedule a Discovery Workshop

60-90 minute discovery workshop to review our engineering, operations, executive priorities, IT systems estate & landscape, and your current data strategy. Afterward, we will consult and provide an architectural design review, technology demonstration, and identify key workloads for your organization.

Q&A



Thank you!