



Life Sciences
North America



“DDN makes it incredibly easy for us to put data where it best belongs, all within the context of a single system. The ability to store data in the most performance and cost-efficient place gives us flexibility to grow as research needs dictate.”

Zachary Ramjan

Research Computing Architect

Optimizes HPC Pipeline, Driving Research Discovery and New Drug Therapy

Infinitely scalable storage capacity available to keep pace with increased use of Cryo-EM and next-generation sequencing technologies.

Customer Needs

- Fragmented storage pools are costly, cumbersome and lack sufficient safeguards.
- Addition of high-powered, cryo-electron microscopy was anticipated to quadruple existing storage.
- An increasing requirement to ingest, process, store, archive and share

Results

- Infinitely scalable storage capacity to keep pace with Cryo-EM and next-gen sequencing technologies.
- Simple, fast access to 2PB of storage for research and instrument data to address exponential storage growth and active archive requirements.
- Projected savings of hundreds of thousands of dollars by centralizing storage for state-of-the-art scientific instruments.



Performance

Speed is crucial to accommodate data hungry instruments



Flexibility

On-premises and cloud compute solution gives flexibility to grow and scale on



Scale

Seamless scaling for more effective scientist collaboration



Experience

Unique ability to present a single, federated namespace across file and object

About DDN

DataDirect Networks (DDN) is the world's leading big data storage supplier to data-intensive, global organizations. DDN has designed, developed, deployed, and optimized systems, software, and solutions that enable enterprises, service providers, research facilities, and government agencies to generate more value and to accelerate time to insight from their data and information, on premise and in the cloud.