



Life Sciences
North America



“Feeding the GPUs is our number one priority. Machine learning necessitates getting the data to the GPUs as fast as possible, so you can process it, get it out and train your models. I was most comfortable working with DDN.”

Kris Howard
Principal Systems Engineer

Transforming Drug Discovery Through Data-Centric Approach

AI-driven solution exceeds performance of platforms used by largest pharmaceutical companies, allowing identification of drug types in weeks, not months or years.

Customer Needs

- Small files drag down analysis performance
- Traditional drug discovery process is long, expensive and prone to failure
- AI and ML can accelerate drug discovery, but require high-performance compute and storage resources
- Fully optimized storage infrastructure was needed to accelerate AI applications and support fast-growing pipeline

Results

- High-performance hybrid data management which allows fast access to millions of small files and extended attributes while automatically tiering data to more efficient spinning disk



Performance

Reduced access times to files by two milliseconds



Flexibility

Architecture that supports AI-driven models



Scale

Faster than internal flash, economics of shared storage, and a path to cloud adoption



Experience

A career-long partnership built on expertise and trust

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.