Unleash Your Data for AI

In an AI world, data is your most valuable asset so make sure your infrastructure is AI ready.

We are in the middle of a data-powered AI revolution. Evidence shows that enterprises investing in AI are "leapfrogging" ahead of competitors. Legacy data systems, however are not able to support the intense storage and processing demands of AI and Deep Learning (DL). DDN's proven at scale solutions with end-to-end intelligence are optimized for your AI journey.

Future-Proofed for the Road Ahead

In a rapidly evolving business landscape, the only certainty is change. AI is driving much of this. Your business needs data systems that can evolve and adapt to these demands. DDN's flexible solutions are designed to easily scale for performance and capacity.

- Your business will be dealing with massively higher data volumes in 3 to 5 years than it does now. Our linear scaling model provides a smooth path to this future. High-speed flash storage building blocks can easily be added as required.

- As AI evolves so will the problems that businesses seek to solve with it. Not knowing what these future applications will be requires systems that can quickly adapt. The world-leading Institute of Cancer Research (ICR) in London chose DDN to support 8 research divisions. As well as the unsurpassed speed and capacity of DDN's systems, the ICR selected DDB because "…it gave us the most flexibility to adapt to changing research needs."

Faster AI Insights

Deep Learning neural networks require massive amounts of data. Most enterprise data are siloed, hampering performance. DDN's scalable architecture consolidates your data in one place.

- Our integrated GPU and flash storage solutions optimized around NVIDIA® DGX™ A100 are breaking records for production systems speed across multiple benchmarks.

- With DDN's EXAScaler®, your data path is optimized to deliver data directly into your AI applications. Processing speeds are **up to 10x faster than traditional NFS-based storage systems**. No bottlenecks mean quicker insights.

- DDN's AI reference architectures improves the speed and accuracy of Machine Learning (ML) models. Data is consolidated onto real-time delivery systems allowing continuous training at any scale.

Computer Vision and Image Recognition at-Scale

AI applications are transforming how computers understand the world around them. Image recognition is a big part of this:

- DDN's easy-to-manage solutions can scale from terabytes to petabytes with ease. As image resolutions expand, our systems can handle the 4K and 8K resolutions that are becoming standard.

- Our optimized architecture can handle all your image recognition needs from acquisition to preparation, training, simulation and analysis

Manage Data Assets with Ease

With solutions available on premisis, as a service, and in the cloud, DDN offers optimal solutions for all your AI and DL workflows.

- Our DDN Insight monitoring system increases visibility for easier management. Highly granular monitoring allows individual jobs consuming disproportionate resources to be identified. When thousands of jobs are running concurrently, this speeds time to insights.

- Performance restrictions by cloud providers are no longer an issue as DDN's AI-optimized architecture allows for maximum saturation of capped resources. This makes high performance cloud analytics faster and more cost effective.

- As AI and DL systems scale in size and speed, so called "corner issues" can become an issue. The complexity of handling petabytes of data at terabyte speeds causes many AI solutions to crash. DDN's management software and integrated architecture remove this risk.

For more than 20 years, DDN's data solutions have helped thousands of satisfied customers with billions of dollars in installed base infrastructure. Visit our website and contact our team of techncal experts to see how DDN's intelligent infrastructure can help your organization with its AI journey.

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.