AI Infrastructure As A Service
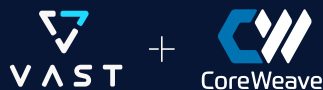
VAST + CoreWeave

Unprecedented Power and Scale

Generative AI is poised to redefine every industry. Recognizing the transformative potential, many organizations have adopted AI as part of their strategic initiatives. However, acquiring the infrastructure needed to execute on these plans has proven to be difficult. Additionally, the infrastructure and software required in this space is often new to most organizations, making implementation extremely complex.

CoreWeave is a specialized cloud, delivering access to hundreds of thousands of GPUs on top of one of the industry's fastest and most flexible cloud infrastructures. CoreWeave partnered with VAST Data to deliver the underlying AI infrastructure that delivers high performance, multi-tenancy, and multiple protocols. Leveraging the VAST Data Platform, CoreWeave is able to seamlessly scale both the performance and capacity to support the unprecedented growth that this space is experiencing.

The Data Platform for the AI Cloud

The VAST Data Platform is a software-defined AI data platform based on the DASE (disaggregated shared everything) architecture and runs on top of enterprise-grade hardware. This revolutionary approach enables aggressive SLAs even while experiencing multiple hardware failures and while doing software or hardware upgrades. In addition to the enterprise-level features, cloud service providers like CoreWeave are able to leverage the flexible licensing model based on actual data stored, along with data reduction to optimize their cost efficiencies.

Why VAST?

Built for Scale
Millions of IOPS, TB/s of performance from ultra-dense cost-optimized NVMe infrastructure

Multi-tenant
Secure tenant and work isolation with QoS policies

Non-stop Operations
Upgrades and expansions are always online and non-disruptive, enabling aggressive SLAs

Multiprotocol
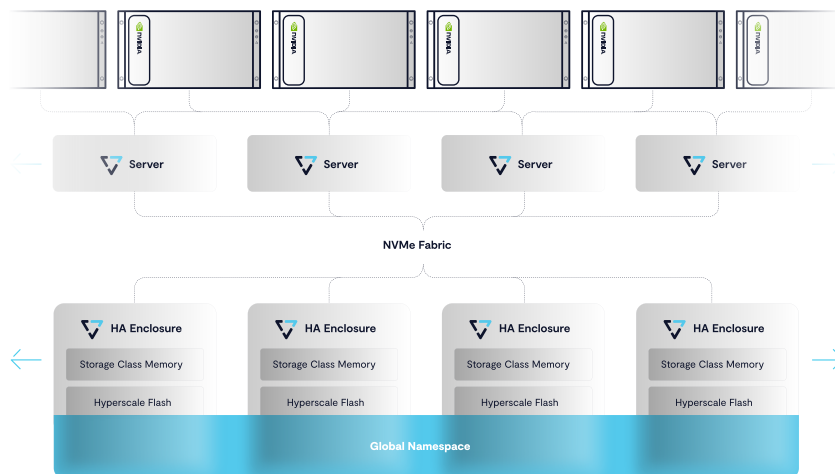Write in one protocol, read in another; all on the same platform

Streamline AI Pipelines
One simple tier of high-performance data infrastructure that makes 100% of your data AI-ready

Simplicity Drives Innovation

The VAST Data Platform as a data store has the key advantage of enterprise NAS simplicity. In contrast to parallel file system-based architectures, the VAST Data Platform not only offers the performance to meet the most demanding AI workloads but also non-stop operations and unparalleled uptime all on a system that can easily scale to petabytes for data-hungry models.

Accelerate Your AI Journey

Organizations starting their AI journey can choose from optimized VAST Data configurations leveraging the power of NVIDIA H100 Tensor Core GPUs. Customers get a turnkey AI data center solution that delivers leadership-class performance for the most complex workloads backed by enterprise-level uptime and reliability.

Trusted by Industry Leaders

VAST is trusted by leading companies around the world to leverage a single radically affordable all-flash innovative platform.