



# VAST Data Platform for Cloud Service Providers



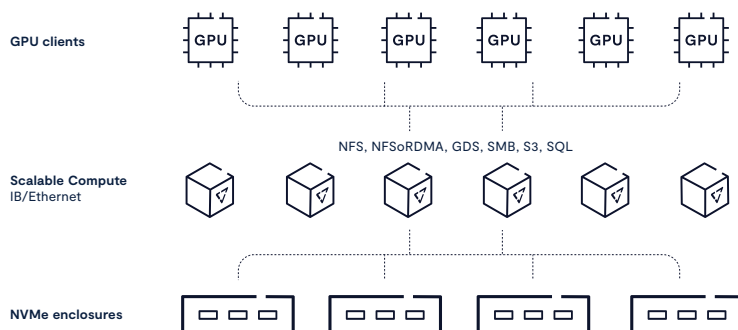
## The Foundation for Cloud-Scale AI Offerings

### The AI Opportunity

The AI revolution presents a huge opportunity for specialized Cloud Service Providers (CSPs) to create GPU-powered offerings that enterprise, government, and research institutions demand. However, the parallel file systems classically used for HPC and AI workloads lack key features such as multi-tenancy, security, and enterprise reliability that CSPs require for a foundation upon which to build cloud-scale AI solutions

### The Software Stack for GPU Clouds

Born in the age of AI, the VAST Data Platform is purpose-built to deliver the scale, performance, security, and operational efficiency that CSPs need to build AI-based service offerings. Operating in an industry known for its razor-thin margins, CSPs need a platform that minimizes administration, eliminates downtime, and optimizes efficiency. VAST's revolutionary disaggregated, shared-everything (DASE) architecture unifies storage, database, and compute in a single, scalable software platform to power AI and deep learning services. CSPs get a streamlined architecture that lets them focus on delivering an outstanding customer experience.



## Why VAST?



### Built for Scale, Optimized for GPU Clouds

- Millions of IOPS, TB/s of performance
- Validated for exascale GPU workloads
- HPC performance with enterprise reliability



### Secure Multi-tenancy

- Flexible network segmentation
- Per-tenant encryption
- Granular QoS policies



### Cloud Scale Efficiency

- Revolutionary data reduction for archive economics
- Simplified administration reduces FTE hours
- Non-stop operations and fail-in-place architecture

## Zero Trust Foundation

Data-centric customers trust VAST with their most valuable data assets. Customers are often concerned about the privacy of their data when using the public cloud for their AI solutions, especially when training Generative AI and other models. The VAST Data Platform is purpose-built for secure multi-tenancy with flexible network segmentation and data encryption on a per-tenant basis for data in-flight and at rest. Customers can provide their own encryption keys leveraging the latest KMIP (Thales Group CipherTrust Data Security Platform).



*“We’re delighted to partner with VAST Data to deliver a multi-tenant and zero-trust environment purpose-built for accelerated compute use cases like machine learning, VFX and rendering, Pixel Streaming and batch processing that’s up to 35 times faster and 80 percent less expensive than legacy cloud providers.”*

**Michael Intrator**  
CEO and Co-Founder



*“The VAST Data Platform enables Lambda customers with private cloud deployments to burst swiftly into Lambda’s public cloud as workloads demand.”*

**Mitesh Agrawal**  
Head of Cloud & COO



*“VAST’s unique approach to consolidating and scaling data infrastructure aligns perfectly with our vision for eliminating the barriers to AI-based discovery.”*

**Talal M. Al Kaissi**  
CEO



## About VAST

VAST Data is the data platform software company leading business into the AI era. Accelerating time-to-insight for workload-intensive applications, the VAST data platform delivers scalable performance, radically simple data management and enhanced productivity. Launched in 2019, VAST is the fastest-growing data infrastructure startup in history.

Looking to simplify your data center and unlock insights from all of your data?

Contact us at [hello@vastdata.com](mailto:hello@vastdata.com)



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