

Building the Data Platform for Deep Learning AI



"We're at the cusp of a major shift in computing. The intersection of AI and accelerated computing is set to redefine the future."

Jensen Huang

Co-Founder, President and CEO of Nvidia Corporation

Deep learning is happening today, but using a collection of tools and technologies largely, designed in an era that pre-dates modern artificial intelligence.

Current Infrastructure Complexity



While traditional data platforms deliver on the promise of simplicity by combining compute, storage and database together – none of them are designed for Deep Learning and SuperPOD scale supercomputing.

How Can We Build The Infrastructure for the Future of AI-Powered Discovery?

The VAST Data Platform is a transformative data infrastructure offering, unifying storage, database and compute engine services in a scalable system that was built from the ground up for the future of AI.



DataStore

The Unstructured Data Foundation for Deep Learning, Breaking the Tradeoff Between Performance & Capacity

DataSpace

Edge-to-Cloud Global Namespace Breaking the Tradeoff Between Performance & Consistency

DataBase

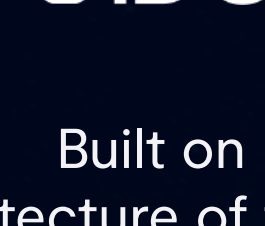
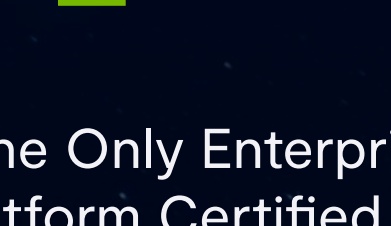
Apply Structure to Unstructured Data At Any Scale Breaking the Tradeoffs Between Transaction Systems & Deep Analytics

DataEngine

The Compute Engine of the VAST Data Platform Bringing Insights to Life By Adding Functions & Triggers to Data

The VAST Data Platform introduces integrated capability that allows customers to store, catalog and compute on unstructured data from anywhere, at any scale.

By breaking decades of tradeoffs, each aspect of the VAST Data Platform is engineered to make infrastructure ultimately simple.



Best Deep Learning Platform

The Only Enterprise Platform Certified for NVIDIA Cloud Partners (NCP)

Built on "the architecture of the future"