



The Data Platform for the AI Era

VAST Data 2025 Overview

Jan Heichler

Director of AI & HPC PreSales, EMEA



The worlds **most parallel architecture** for all your Data



The VAST Data Platform

Massively Parallel NVMe Namespace

A new storage architecture for extreme scalability and performance

A Synthesized Datastore For All Your Data

Structured & unstructured data, fully multi-protocol

Extreme Resiliency & Uptime

Non-Disruptive Upgrades, delivering more than five 9's across installed base

Hundreds of PBytes of data in a single namespace – multiple TB/s performance.

Simultaneous POSIX and S3 access at scale. Database adds vital capabilities for DataPrep and Inference.

Advanced capabilities enable complex Workflows - especially with fast changing requirements.

VAST is awesome for HPC workloads



“VAST Data is very interesting to us... it’s used for enterprise NAS & in place of Parallel File Systems.”



Sandia chose VAST for highly performant, scalable storage to support AI initiatives and multiple GPU clusters



“VAST Hasn’t Just Changed The Way We Store Data; It Is Changing Our Relationship With Data.”



In AI Capabilities drive success

AI needs a whole new Data Stack

Data Activation

Event Broker

Runtime

Semantic Layer

Vector Database

KV Cache

Data Foundation

Enterprise Storage
(Multi-Protocol)

Enterprise Data
Warehouse

VAST Data Platform



Kafka Compatible
EventBroker



DataEngine
Parallel, Containerized Computing



VectorDB Support*



Undivided Attention
(VUA)



DataStore
Multi-Protocol File, Object
& Block Storage



DataBase
A Transactional
Data Warehouse

Multi-Tenant, Zero-Trust, All-Flash



* available 2H2025

Would you like to know more?



Sam Spencer

Sr Systems Engineer, Federa

sam.spencer@vastdata.com



Randy Hayes

VP Public Sector, VAST Federal

randy.hayes@vastdata.com



Jan Heichler

Director AI & HPC PreSales, EMEA

jan.Heichler@vastdata.com



Christopher Huggins

Director AI & HPC Sales, EMEA

christopher.huggins@vastdata.com



Adam Jones

Product Marketing Director, HPC

adam.jones@vastdata.com