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# ***INTRODUCING:*** ***UNIVERSAL STORAGE***

DEMOCRATIZING FAST ACCESS TO ALL DATA



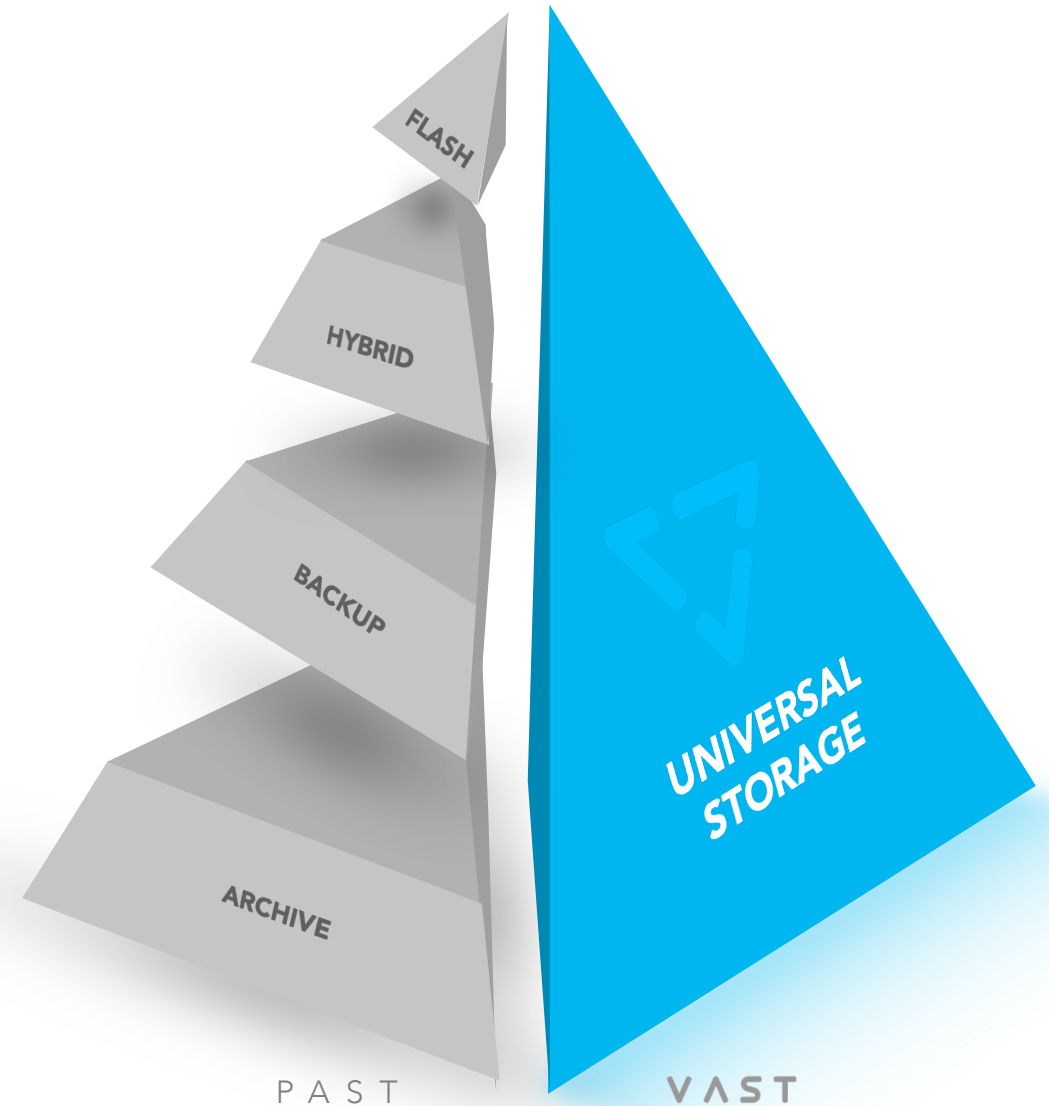
OUR MISSION

# NO MORE TIERS

## BREAKING TRADEOFFS TO MAKE STORAGE SIMPLE

- Extinction-level Event for The Hard Drive
- An End To 30 Years of Complex Storage Tiering
- Unleash Big Data and ML Insights

VAST



BUSINESS OVERVIEW

# RECORD-BREAKING PRODUCT ADOPTION

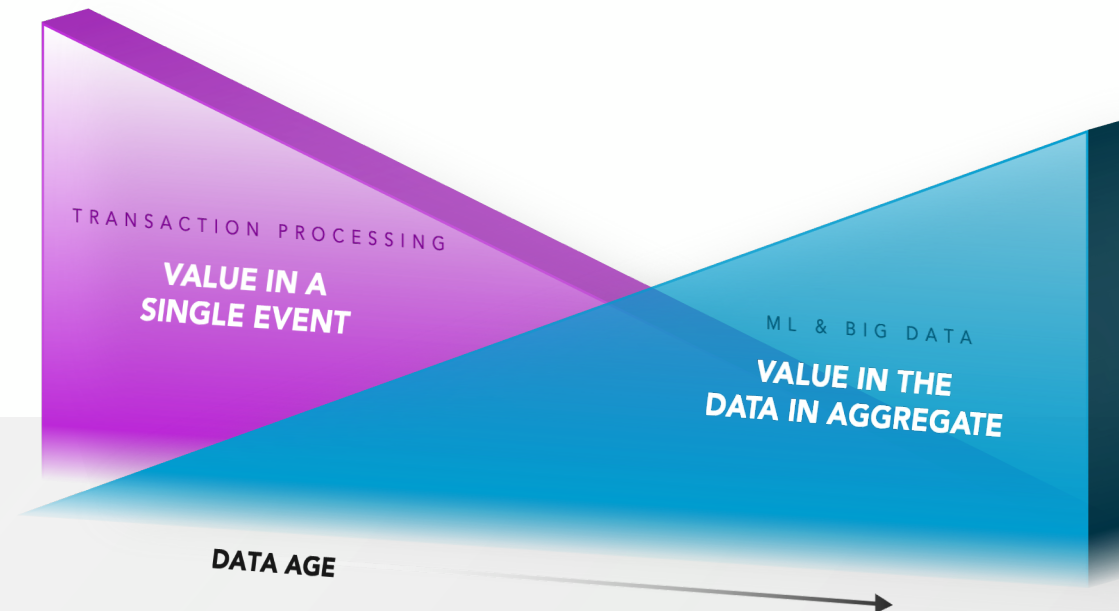
- ~\$100M Sold In Just 2 Years
- Fastest-Growing In Infrastructure History
- 350% Year-Over-Year Growth In 2020
- Cash Flow Positive Exiting 2020

VAST



FAST ACCESS TO ALL DATA

# AI TRANSFORMS HOW WE VALUE AND ACCESS DATA



UNIVERSAL STORAGE

# **ONE UNIVERSAL DATA PLATFORM FOR ALL YOUR DATA**

**ALL-NVMe PERFORMANCE**

Eliminate application bottlenecks

**EXABYTE SCALE, WITH ARCHIVE ECONOMICS**

Eliminate the HDD with a single-tier flash cloud

**ENTERPRISE NAS & OBJECT STORAGE**

Standard interfaces with game-changing performance

**DELIVERED VIA OUR REVOLUTIONARY GEMINI PROGRAM**

The world's first disaggregated commercial model

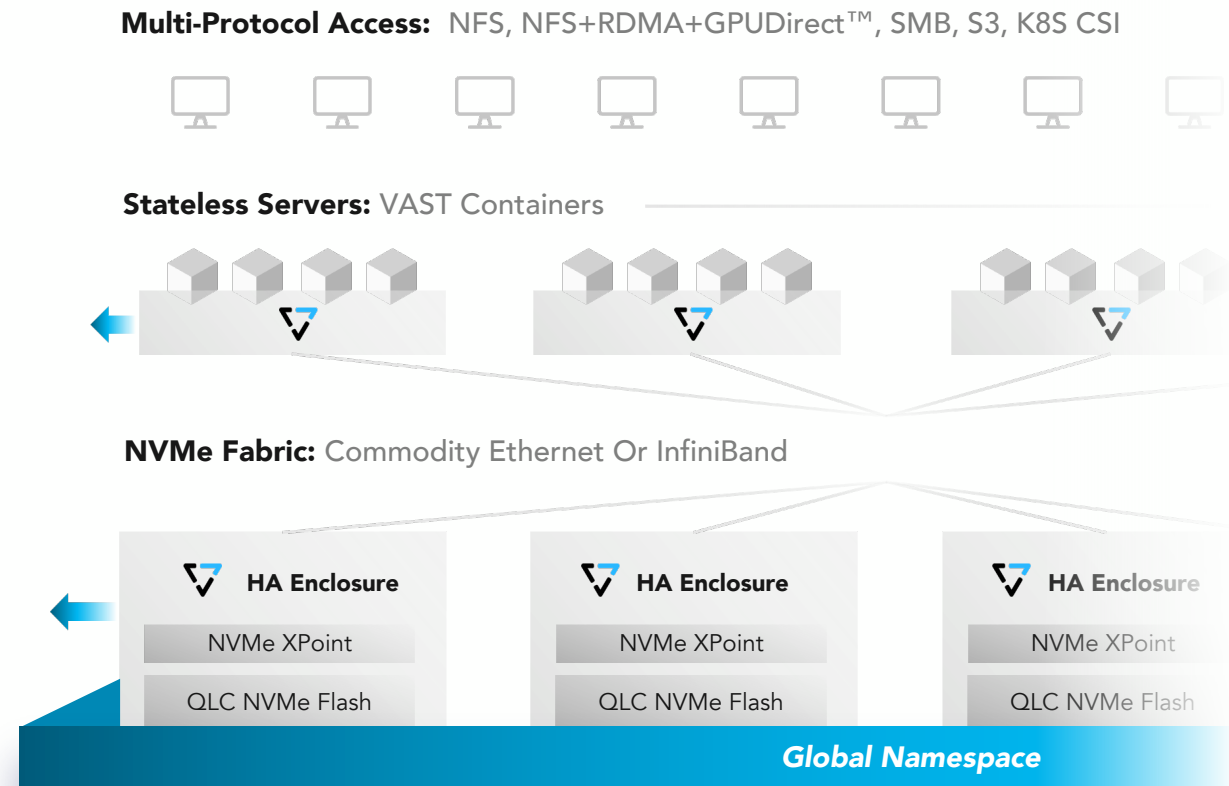
DISAGGREGATED, SHARED-EVERYTHING

# THE STORAGE ARCHITECTURE OF THE FUTURE

- IDC, 2020

- Scale to exabytes, asymmetrically
- A composable flash cloud
- Archive economics
- 99.9999999% Architecture

VAST



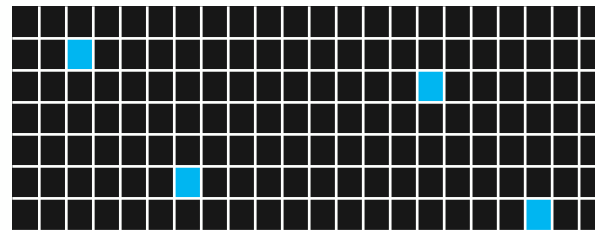
# TRANSFORMING THE CALCULUS OF FLASH OWNERSHIP

## VAST DATA FORESIGHT



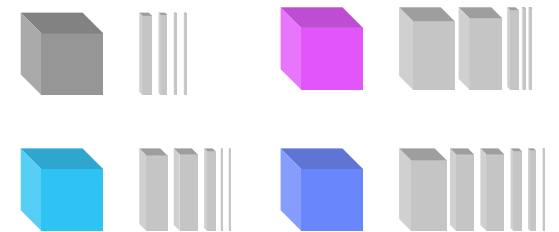
QLC + 10-Year Longevity

## LOCALLY DECODABLE ERASURE CODES



2.5% Overhead Data Protection

## SIMILARITY-BASED DATA REDUCTION



Global, Fine-Grained Compression

# // VAST HASN'T JUST CHANGED THE WAY WE STORE DATA; IT IS CHANGING OUR RELATIONSHIP WITH DATA.

## S U C C E S S   S T O R Y

- Eliminated any user trouble tickets vs. 1 per day with Lustre
- Rapid access to all data
- A simple, VAST-managed solution

## V A S T



**// VAST DATA IS VERY INTERESTING TO US.**

**// CAN BE USED IN PLACE OF LUSTRE FOR PARALLEL I/O.**

#### S U C C E S S   S T O R Y

- Support for /home, /scratch, /training
- Rapid access to all data, support for the DOE's hardest challenges
- Embarrassingly parallel architecture for at-scale computing
- Revolutionary data reduction

V A S T



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**THANK YOU**

BRINGING AN END TO THE HDD ERA

