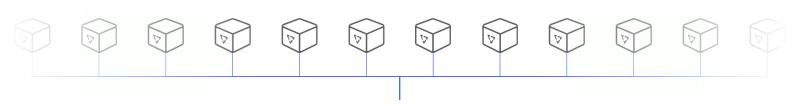
2 Years In: How New Data Reduction Can Achieve HDD Economics For All-Flash Market Data Storage



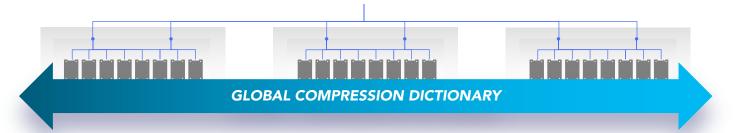
WE ARE THE PROVIDER OF ALL-FLASH INFRASTRUCTURE FOR QUANTITATIVE TRADING



AFFORDABILITY TO MAKE FLASH UNIVERSAL



NVMe FABRIC (ETHERNET, INFINIBAND)



GLOBAL WEAR LEVELING OF CHEAP FLASH

+ + QLC FLASH IS THE LOWEST COST FLASH

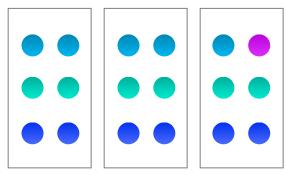
GLOBAL RAID STRIPES - 146+4

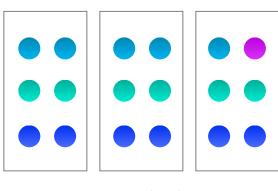
+ + 2.7% OVERHEAD, 60M YEARS OF MTTDL

GLOBAL DATA REDUCTION

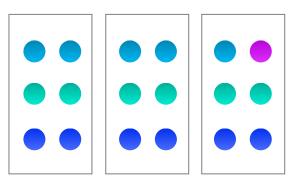
+ + DRAMATIC COMPOUNDED SAVINGS

SIMILARITY-BASED DATA REDUCTION





EXAMPLE SAVINGS FROM SIMILARITY



COMPRESSION Fine Grained, But Local **DEDUPLICATION** Global, But Coarse

SIMILARITY REDUCTION Global & Fine Grained

3:1 Pre-Reduced Backups

3:1 Pre-Compressed Log Files

Life Science

3:1 HF

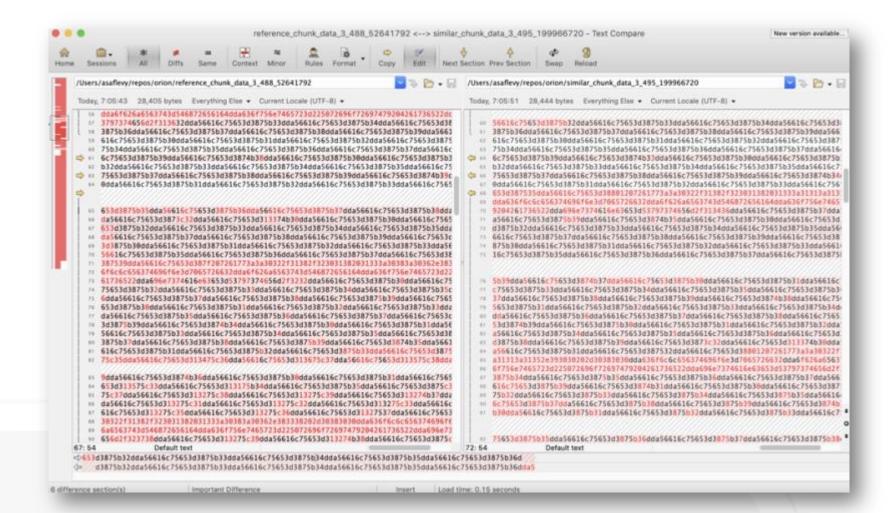
3:1 [/]

Animation Data Uncompressed
Time-series Data

SAVING MONEY, BYTE BY BYTE

Legend

compressible data delta data



DATA REDUCTION ACROSS A FEW OF VAST'S QUANT TRADING CUSTOMERS

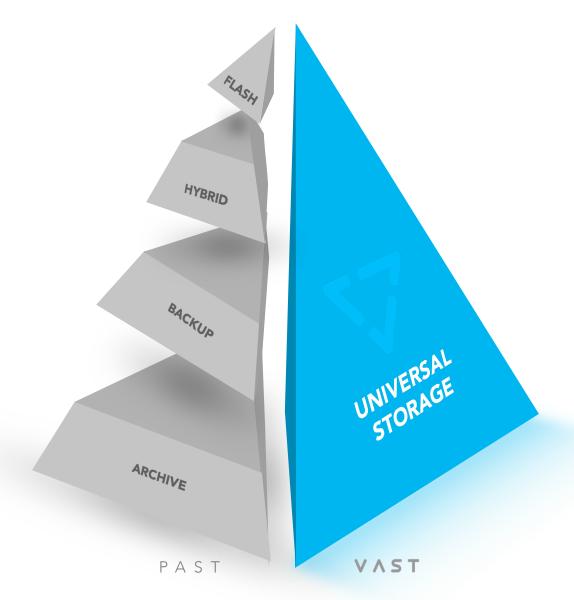


OUR MISSION

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



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









































































THANK YOU

