

Western Digital[®]

NVMe™ in the Data Center

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Flash Memory Summit



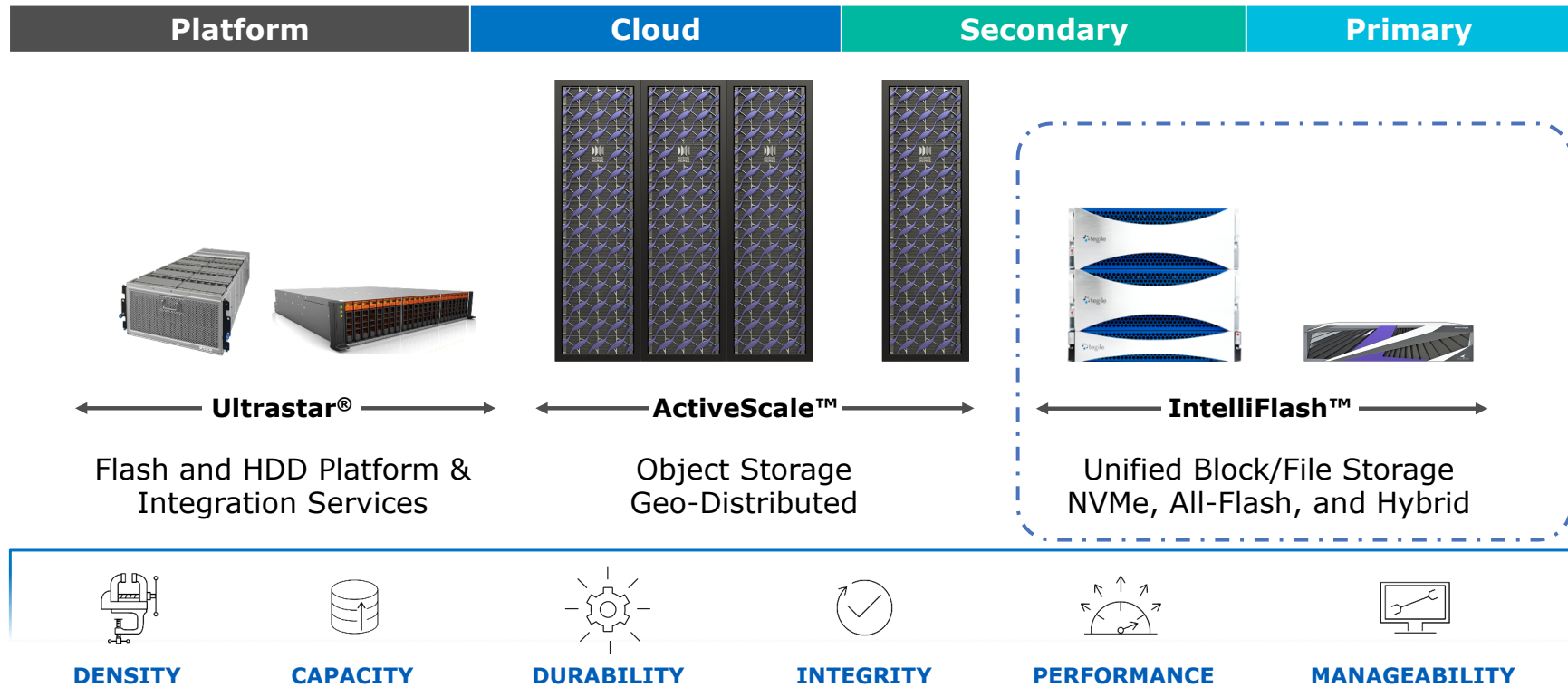
Why NVMe?

Make Your Data Come Alive

Deliver the speed, efficiency, and scale required
to power your data in real time.

Expansive Portfolio Of Platforms and Systems

Spanning Primary, Secondary, and Cloud Storage Applications



IntelliFlash™

Flash Array Portfolio



INTELLIFLASH™
OPERATING ENVIRONMENT



INTELLICARE™
CLOUD-BASED ANALYTICS



T-Series
HYBRID FLASH ARRAYS



T-Series
ALL-FLASH ARRAYS



HD-Series
MULTI-TIERED FLASH ARRAYS



N-Series
NVMe FLASH ARRAYS

ONE Operating System | ONE Feature Set | ONE User Experience

NVMe Application Workloads and Use Cases

Low-latency Applications



Real-time Analytics

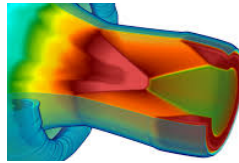


Machine Learning



Transaction Processing

High IOPS Applications



Scientific Simulation



Data Warehousing



LOB Applications

Virtual Applications



Virtual Servers



Containers



DevOps Applications

Matching Applications to Storage Classes

High IOPS Applications

Scientific Simulation | Data Warehousing | Line of Business Applications

0.2ms latency



N-Series
NVMe Storage

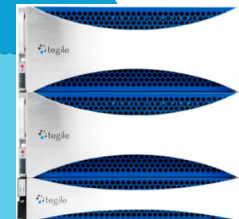
Low-latency Applications

Real-time Analytics | Transaction Processing | Business Applications

1ms latency



T-Series
All-Flash Storage



HD-Series
Dense Flash Storage

Virtual Applications

Virtual Servers | Virtual Desktops | Build / Test Applications

1ms-2ms latency



T-Series
Flash-Hybrid Storage
Configurations



T-Series
Hybrid Storage

Secondary Storage Applications

Media Streaming | Digital Imaging | Data Backup

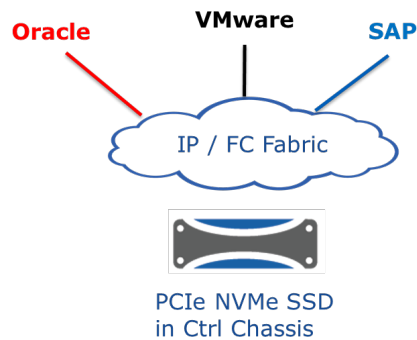
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Scaling Beyond the Rack

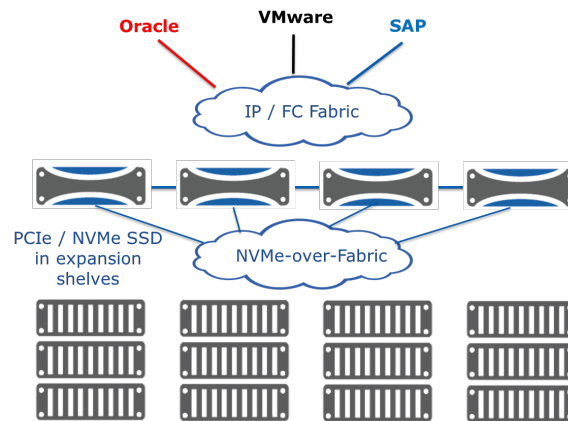
Moving from Data Racks to Data Farms

NVMe SSDs within a Storage Array



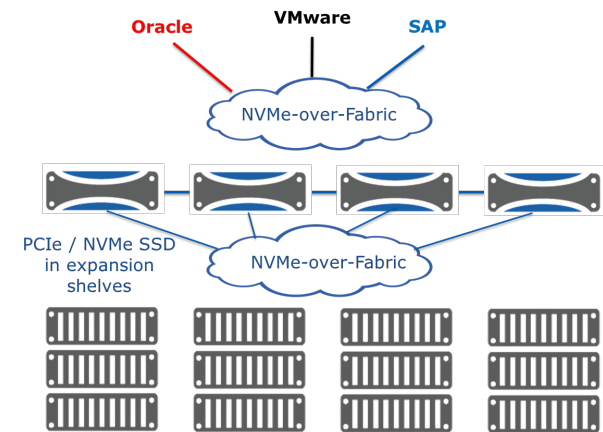
Boost performance for existing infrastructure and apps today

Storage Array with NVMe SSDs on a fabric



Disaggregate storage from the rack and move toward the data farm model

Application & Storage with NVMe Fabric as the backplane



Disaggregate apps and storage to achieve a data farm

The background of the slide is a dark, abstract composition of numerous thin, overlapping lines in shades of orange, red, and purple, creating a sense of motion and depth. The Western Digital logo is centered in the upper half of the slide.

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