

Modernizing IT Architecture with Cloud-Connected Flash

Joel Reich Executive Vice President and General Manager Storage Systems and Software business unit



Digital Transformation Is Driving New IT Imperatives







INSPIRE innovation with the cloud

BUILD clouds to accelerate new services MODERNIZE IT architecture with cloud-connected flash



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What Is Driving the Modernization Mandate?

Modernizing provides efficiencies and funds transformation

Free up resources to fund transformation

Accelerate performance and drive efficiencies for existing applications and workloads

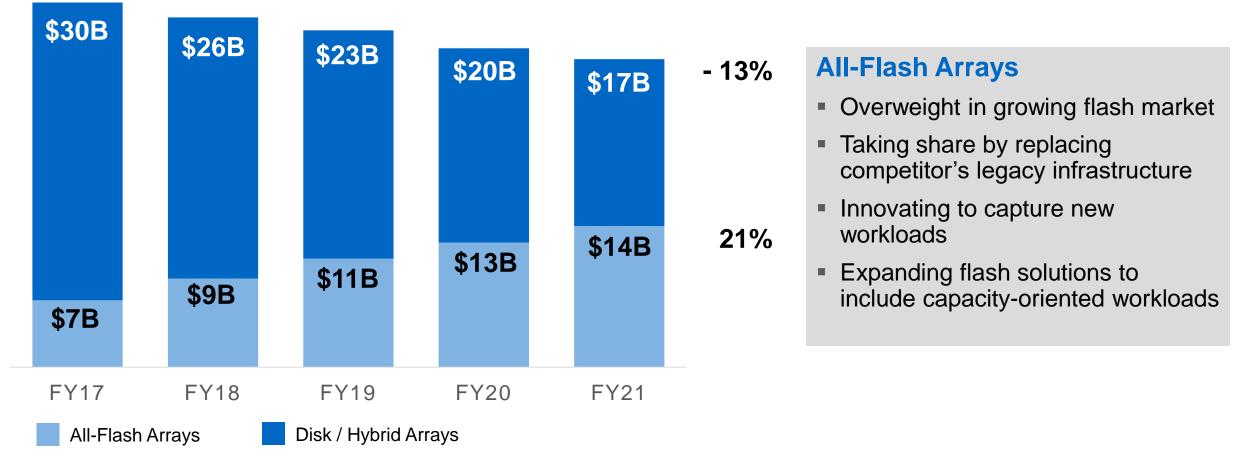
Support new diverse workloads

NetApp

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Opportunity: Dominate the Fastest-Growing Segment in Storage

The flash market is growing and NetApp is outgrowing the market



CAGR

Source: Worldwide and U.S. Enterprise Storage Systems Forecast, 2017–2021, IDC; Worldwide Enterprise Storage for Public and Private Cloud 2015-19; Segment Forecasts by IDC; NTAP Market Intelligence

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Modernize IT Architecture with Cloud-Connected Flash

Only NetApp has the #1 data operating system for managing data in hybrid cloud and on-prem environments



Characteristics of modernization

Cloud-connected

Flash-empowered and future-proof

Software-defined

Simplified and efficient

Intelligent



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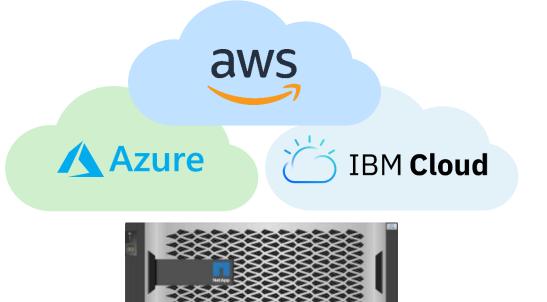
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Cloud-Connected

The most cloud-connected all-flash arrays for cloud analytics, backup, DR, tiering, and workload bursting

Common data management from edge to core to cloud

- Connect to more clouds, in more ways, and to more services
- Seamless data integration across hybrid cloud
- Common data management services on-premises and in the cloud



Flash-Empowered

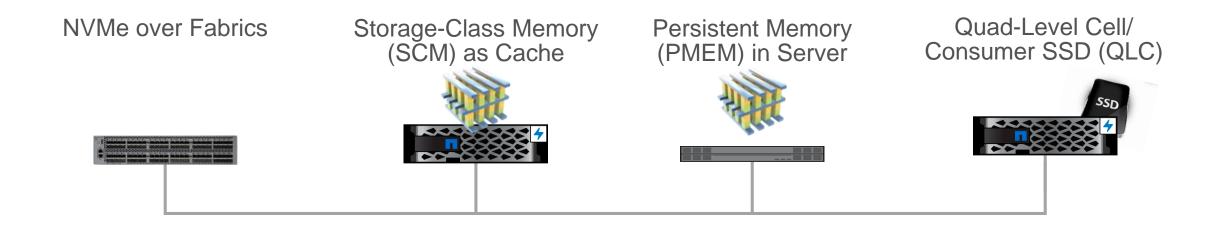
Industry-best application performance across all workloads*

- Leading flash solution for analytics, AI, deep learning, and high-performance engineering and design applications
- Next-generation SAN
- Consolidate mixed workloads
- Guaranteed flash efficiency and performance



*as ranked in SPC-1 results

The All-Flash Data Center of the Future



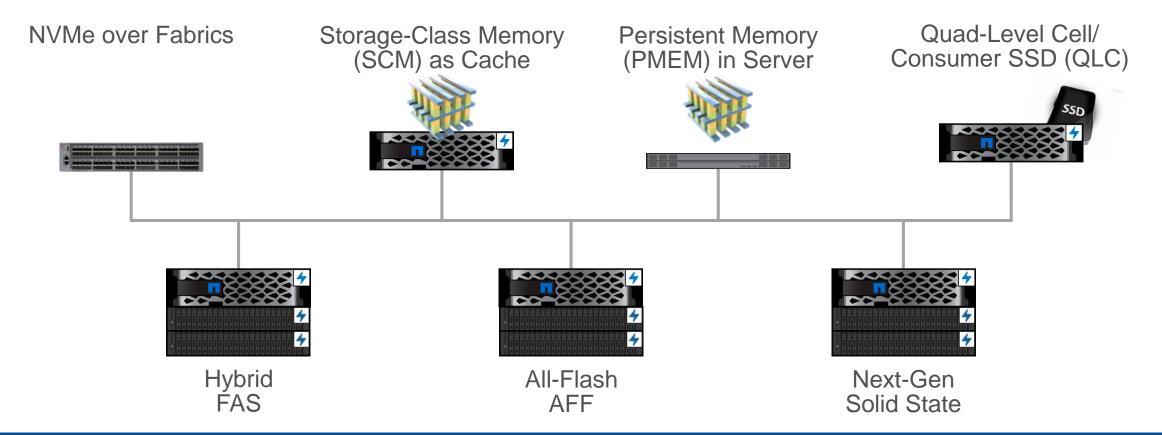
Future-proof strategy requires a software-defined, whole-ecosystem approach





Future-Proof

NetApp leads in future-proofing flash technology



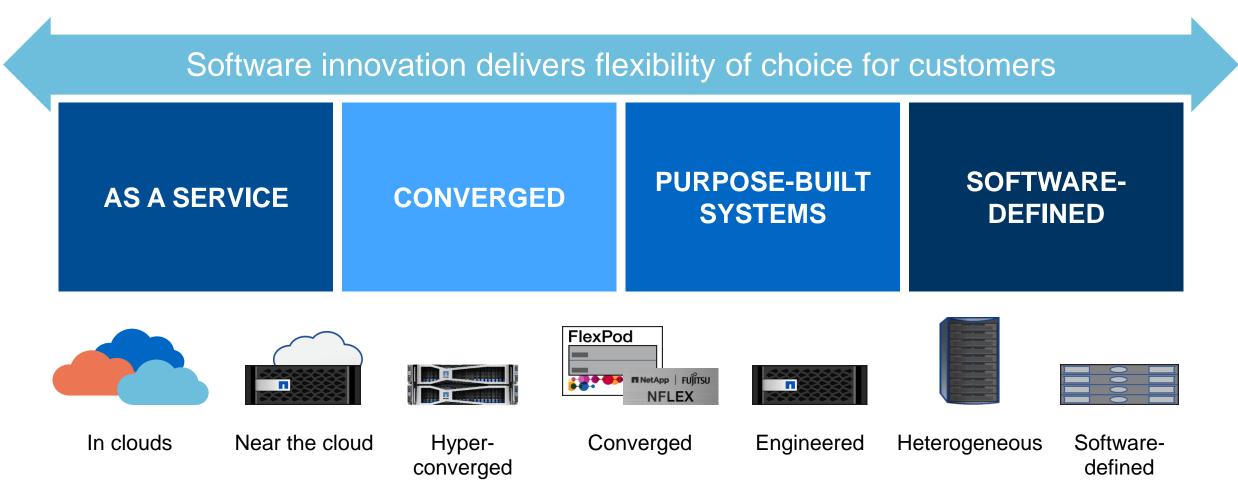
Helping customers confidently embrace disruptive technologies non-disruptively

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Software-Defined

Operate from edge to core to cloud with common data management and services





Customer Example: Fortune 20 EMC SAN Takeout

NetApp innovation delivers the best ROI and TCO in the industry

- NetApp won a fiercely competitive takeout at a Fortune 20 customer
- Over 18 months, won 80%+ share in a data center modernization initiative

Results after 12 months of migrating more than 10PB to all-flash

> Next stage: Innovate with public cloud

\$6.5M in run-rate savings
7,200 sq ft reduction in footprint
500 kW of data center power savings
90% latency improvement (average)
10x I/O throughput improvement
3x better utilization w/ dedupe and compression

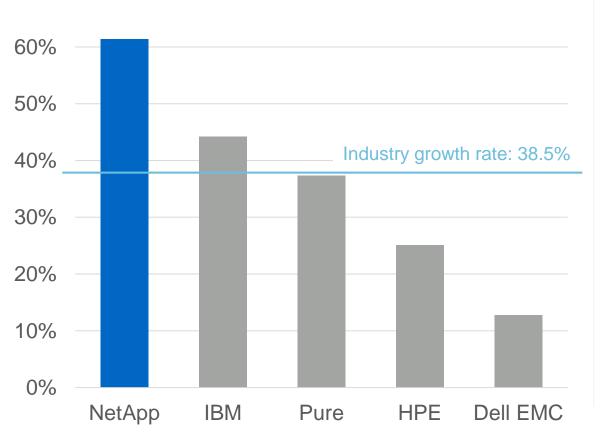
- Removed 16 different HDD array models
- Entire all-flash footprint takes less space than just one of their old EMC VMAX arrays



Customers Vote with Their Wallets

Fastest-growing top 5 flash vendor for CY2017

Year-over-year growth rate 2016/2017



Run2NetApp Program Success



vs. Dell EMC

of SAN deals are net new customer logos

2+ competitive displacements daily

Source: IDC Q4 2017 WW Enterprise Storage Systems Tracker, March 1 2018

70%



Why We're Winning in Flash

Performance. Intelligence. Protection. For a hybrid world.

Cloud strategy resonates

Flash solutions fund customers' transformation

Highest performance for AI and deep learning

Disruptive technology delivered non-disruptively

Integrated data and common data services

#1 data operating system for managing data in hybrid cloud and on-prem environments

NetApp

Industry-leading portfolio unified by the NetApp Data Fabric







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