PowerStore

Lo Storage pensato per il decennio dei dati

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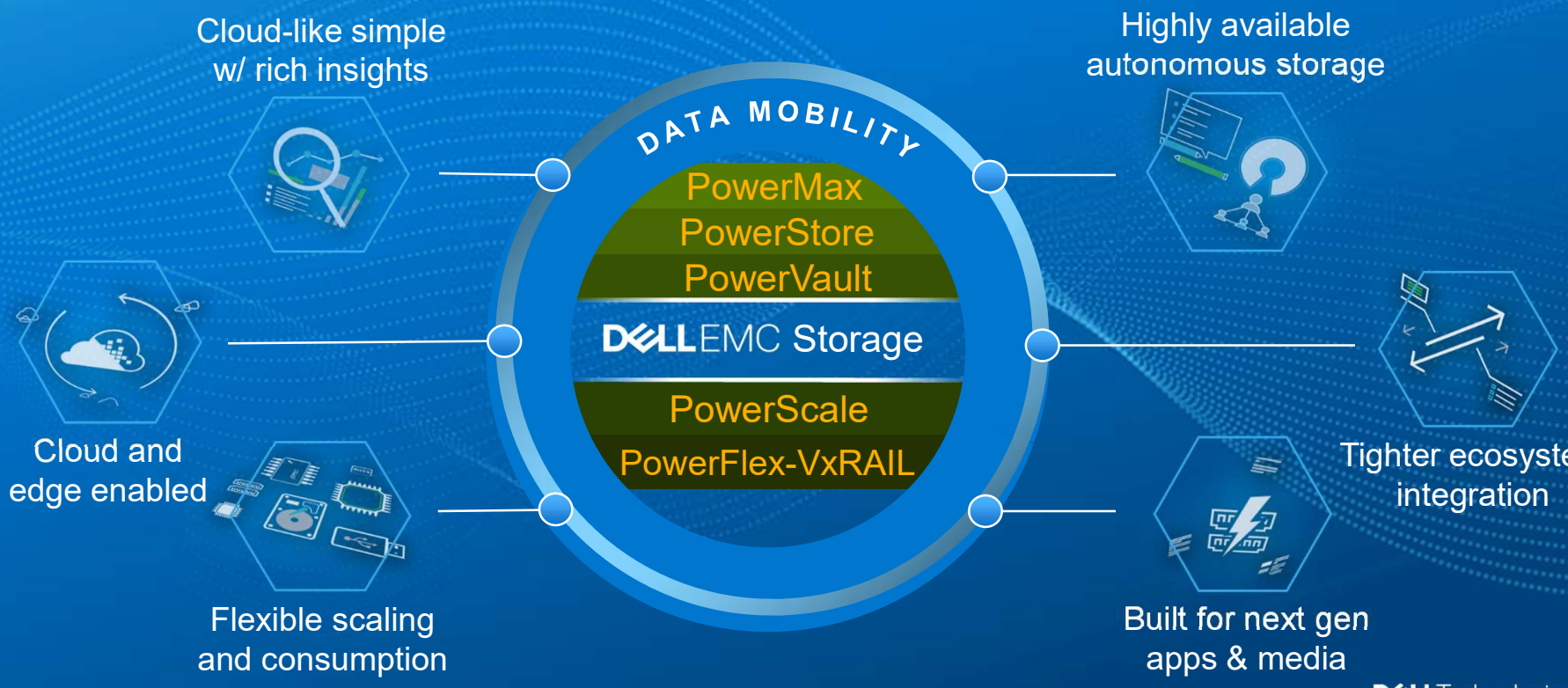
PARTNER PROGRAM

Dell Storage Vision

A modern, interconnected storage portfolio for your data in a hybrid multi-cloud environment



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PowerStore

Disegnato per l'era dei dati

Data-centric

- **Any** Workload
- **Performance** Optimized
- **Efficiency** Without Compromise

Intelligent

- **Programmable** Infrastructure
- **Autonomous** Appliance
- **Proactive** Health Analytics

Adaptable

- Flexible **Architecture**
- Flexible **Deployment**
- Flexible **Consumption**

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Data-centric

Ultimate workload flexibility

Any Workload

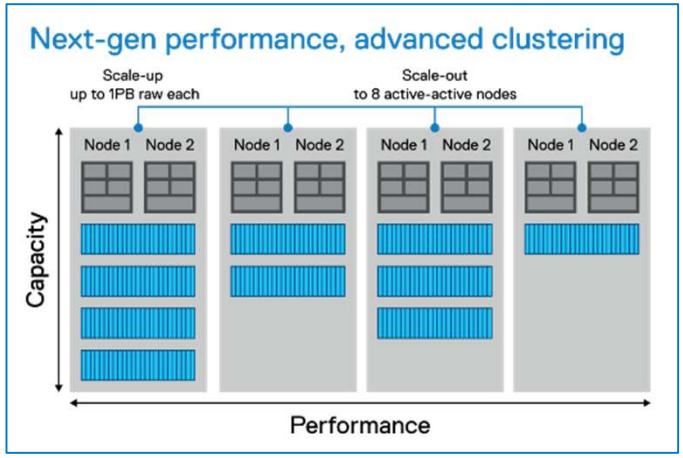
- **Unified**: single platform for block, file, and vVols
- **Scale**: scale-up and scale-out
- **Metric**: designed for 99.9999% availability

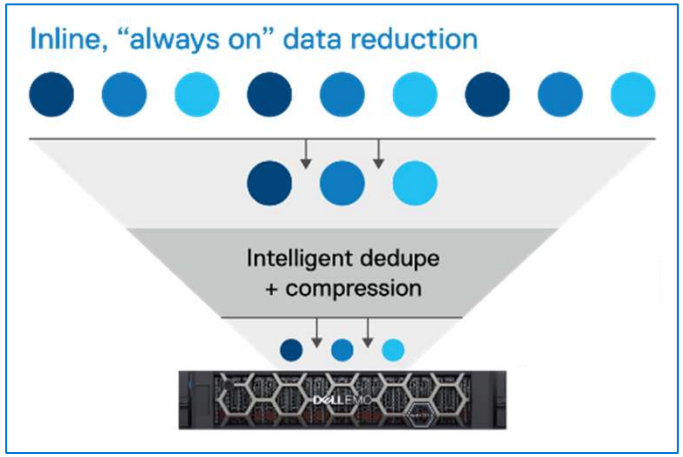
Performance Optimized

- **Controllers**: Active-Active with end-to-end NVMe
- **Media**: Flash or Storage Class Memory (SCM)
- **Metric**: 7x faster, 3x lower latency than Unity XT

Efficiency Without Compromise

- **Inline**: always-on data reduction
- **Intelligent**: dedupe and compression
- **Metric**: 4:1 data reduction guaranteed





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Intelligent

Autonomous, consistent operations

Programmable Infrastructure

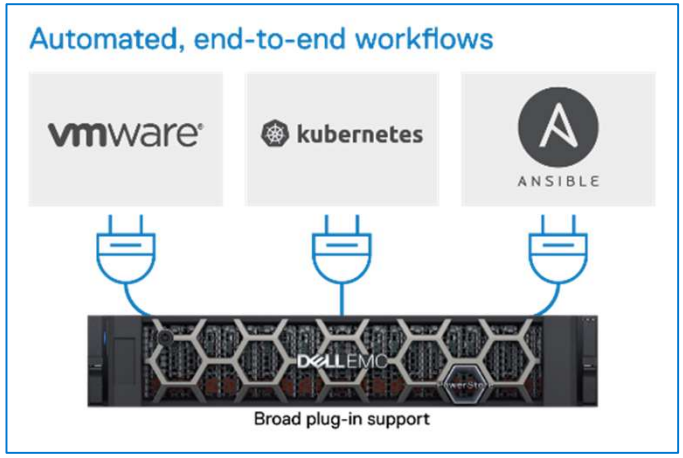
- **Automate:** storage provisioning processes
- **Deploy:** eliminate manual steps, reduce risk
- **Metric:** new resources in seconds vs days

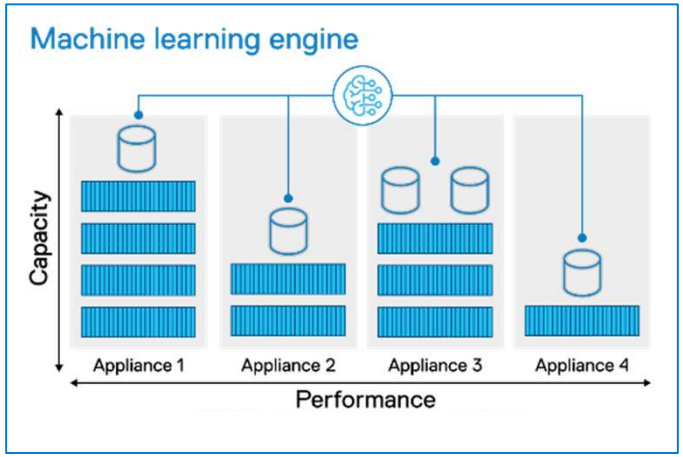
Autonomous Appliance

- **Discover:** new appliances automatically
- **Machine Learning:** improved system utilization
- **Metric:** 99% less staff time to rebalance volumes

Proactive Health Analytics

- **Anticipate: b**usiness needs and avoid outages
- **Simple: s**ingle pane of glass view of data center
- **Metric:** 16x faster to identify HA problems





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Adaptable

Continuously modern and highly adaptable

Flexible Architecture

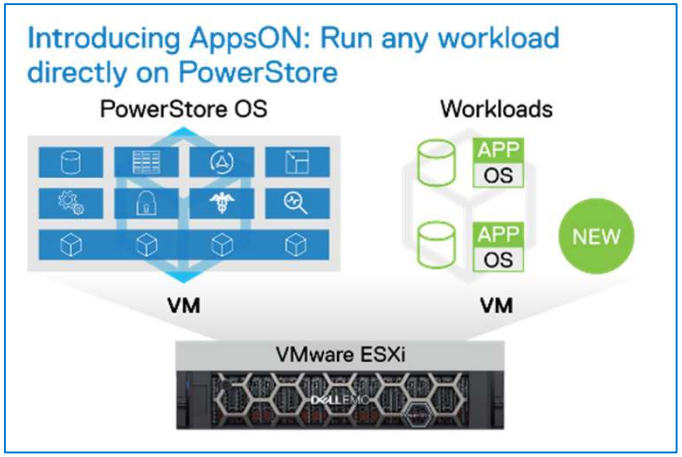
- **Container-based:** design for faster innovation
- **Consistent:** services across platforms
- **AppsON:** ability to run apps locally

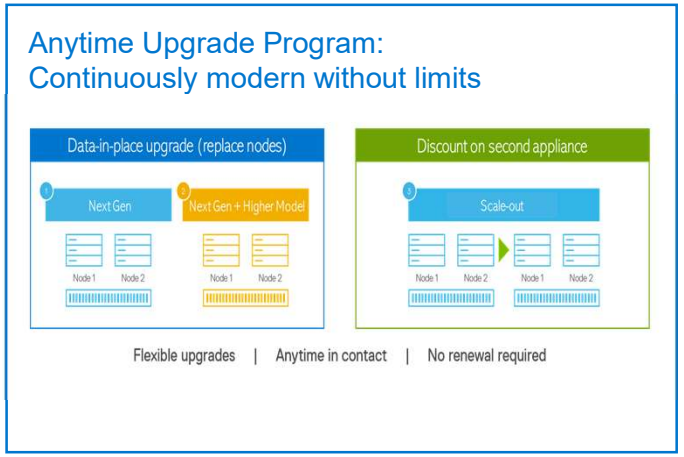
Flexible Deployment

- **Edge:** small footprint, easy to deploy
- **Cloud:** seamless application movement with VCF
- **Data Migration:** on to platform is fully automated

Flexible Consumption

- **Pay-Per-Use:** consumption solutions with DTOD
- **Future Proof Program:** backed with confidence
- **No Migrations:** non-disruptive controller swaps with the Anytime Upgrade Program





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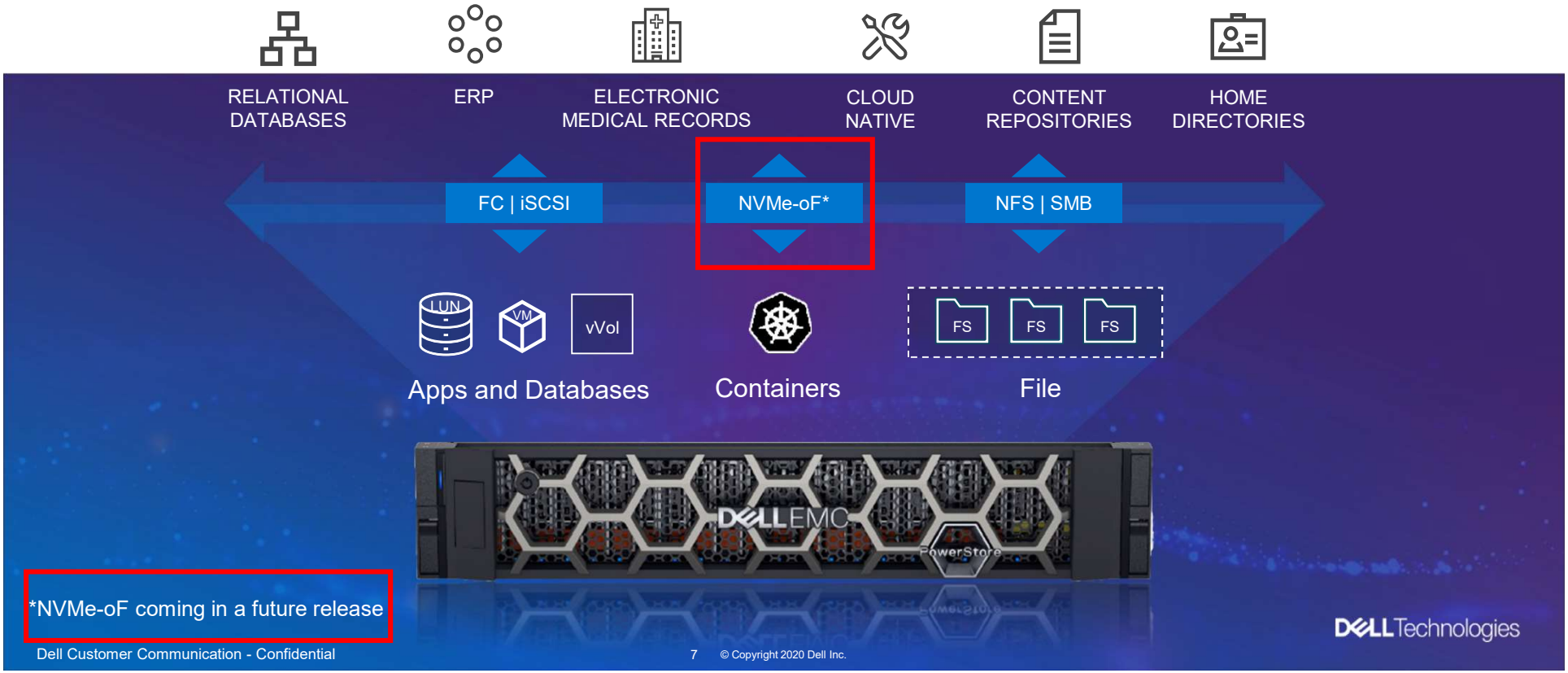
Any workload

Traditional and modern workloads



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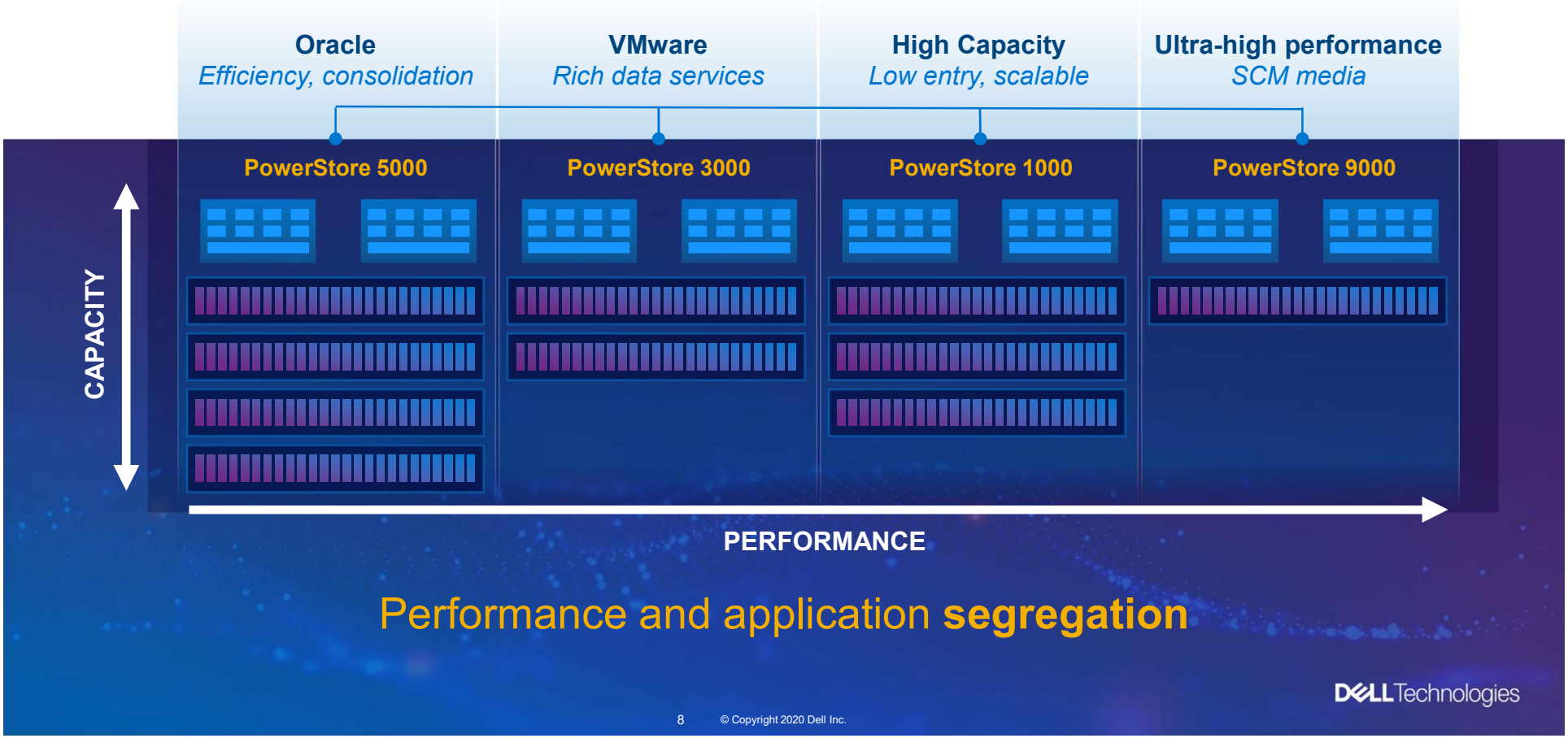
Scale-up and scale-out



Performance and application **segregation**

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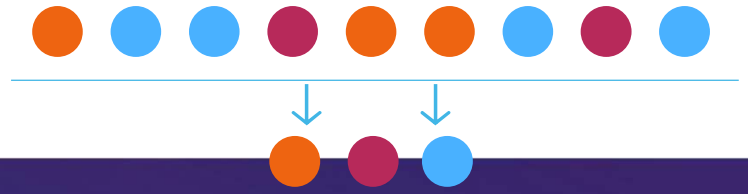
Always-on inline data reduction



QAT Benefits

Intelligent dedupe
+ compression

FUTURE-PROOF

4:1

data reduction
GUARANTEED

Up to 20:1

Consistent storage efficiency **without compromise**

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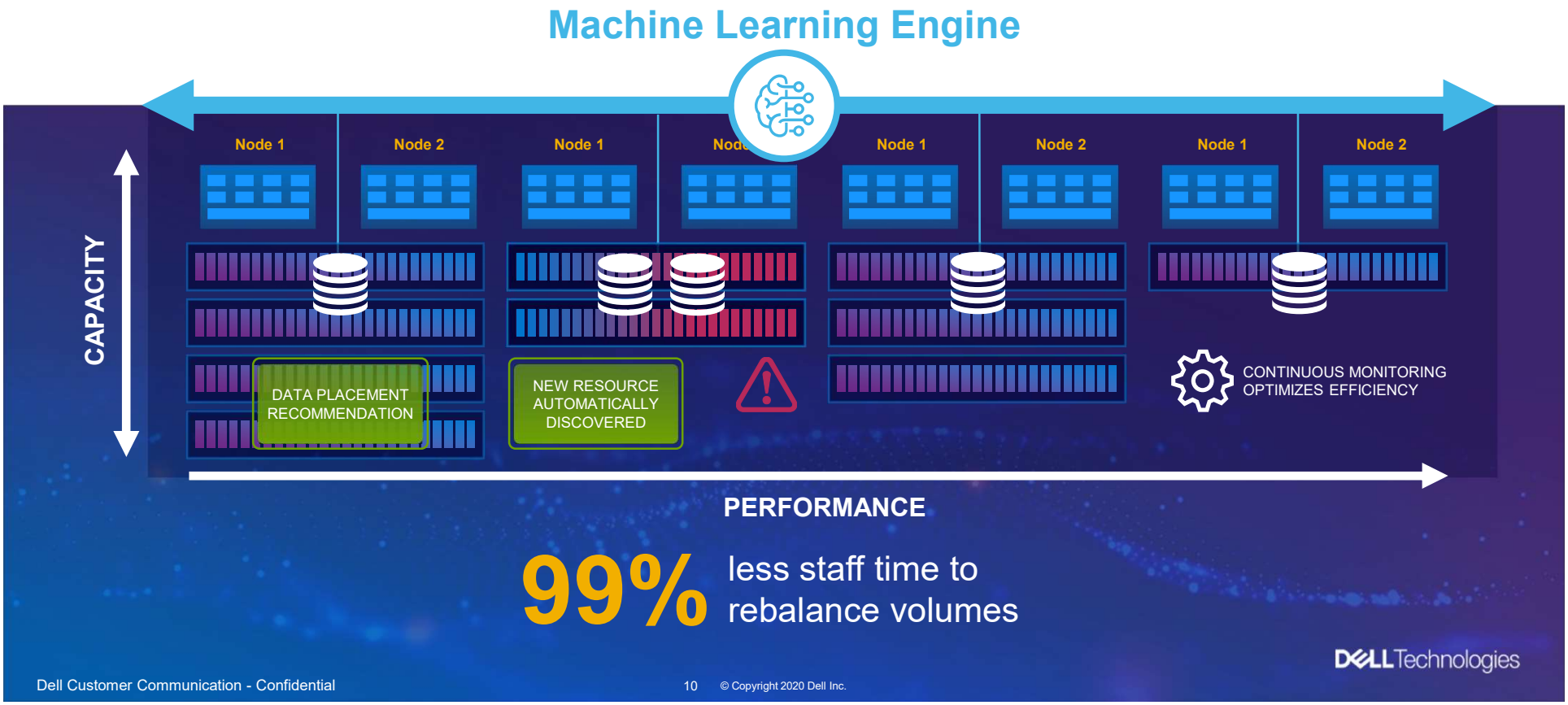
Autonomous appliance



99% less staff time to rebalance volumes

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Introducing AppsON

Flexible
Architecture

Run applications directly on the appliance

- Infrastructure apps
- Data-intensive, demanding workloads

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PowerStore Family

CPU (Appliance)	**32 Cores/1.8GHz**	**48 Cores/2.1GHz**	**64 Cores/2.1GHz**	**80 Cores/2.4GHz**	**112 Cores/2.1GHz**
Memory (Appliance)	**384GB**	**768GB**	**1152GB**	**1536GB**	**2560GB**
Capacity (Cluster)	11.52TB – 3.59PB Raw 28.57TB – 11.36 PB Effective				
Max Drives (Cluster)	384				
Drives	NVMe SCM, NVMe Flash, SAS Flash				
Embedded	25/10/1 GbE or 10/1 GbE BaseT				
IO Modules	IO Modules: 32/16/8 Gb FC, 25/10 GbE, 10/1 GbE BaseT				

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PowerStore - Redefining MidRange Storage

- Multi Protocol – NVMe done right.
- Active – Active Controllers and Drives (dual ported)
- Dynamic Raid – DRE
- 2U Chassis
- Storage Class Memory in a Mid-range System
- Scale: UP & Out
- Hardware Offload Compression
- Machine Learning and Simplicity
- Integration with VMware & Industry 1st AppsOn
- Edge / Core / Cloud Use Cases
- Anytime Upgrade Program

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