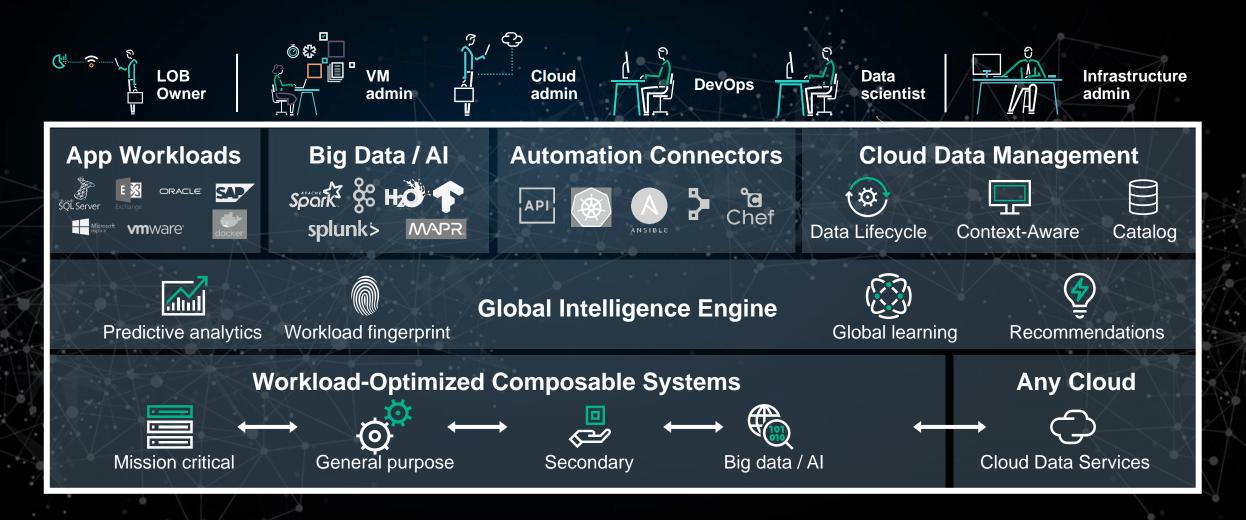


INTELL GENCE



Intelligent Data Platform



It's impossible for IT to keep up



Complex Infrastructure

Constant Fire-Fighting Fragmented Data Silos



Mission-Critical Apps

Transforming Industry. Requiring Agility.





Databases















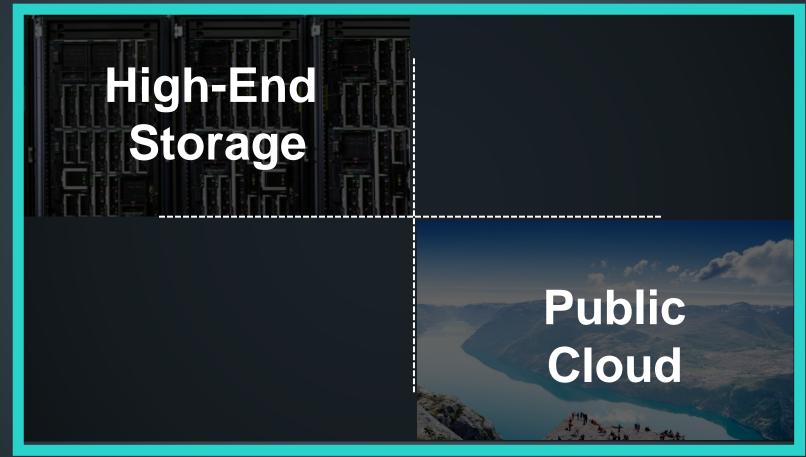
Traditional

Modern



Forced tradeoff between agility and resiliency

Fast & Reliable



Agility & Simplicity

What if you could have both agility and resiliency for your mission-critical apps?



Predict Prevent

Apprendict Prevent

Consolidate
3PAR Storage





On-Demand Experience

App-Aware Resiliency Predictive Acceleration

Eliminating distinctions across density, scale, and performance

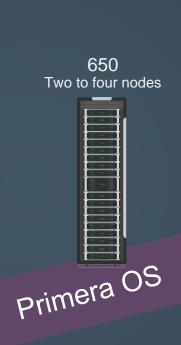
Storage without boundaries

ONE Tier-0 architecture

- Density scale performance
- Common Tier-0 feature set
- Interoperability end to end

Only HPE







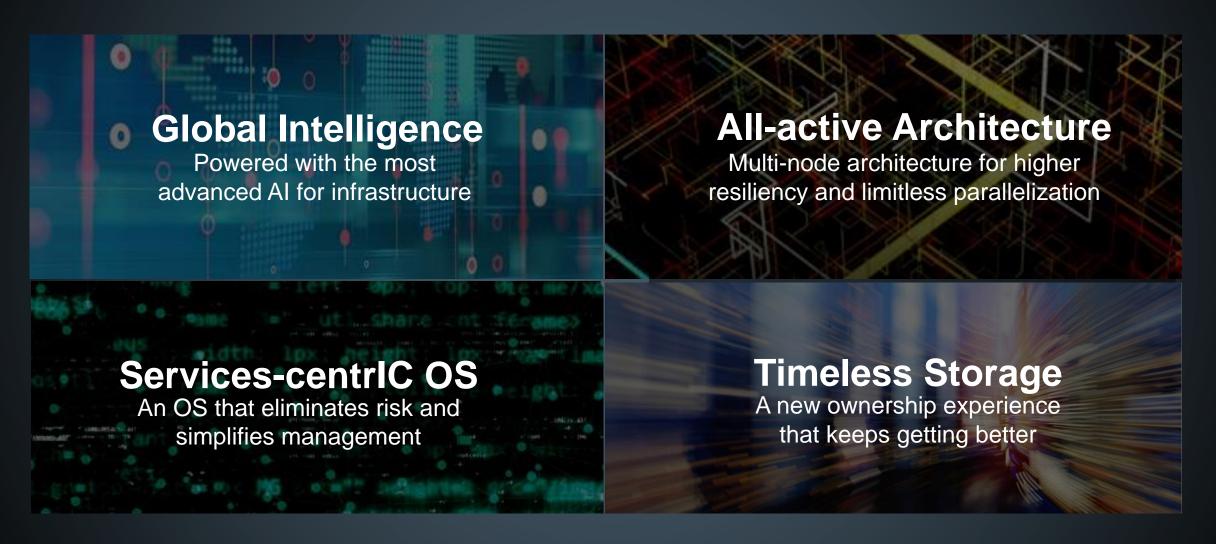
When performance matters

When scale matters

When density matters



Engineered to drive unique value in high-end storage





HPE InfoSight Everywhere



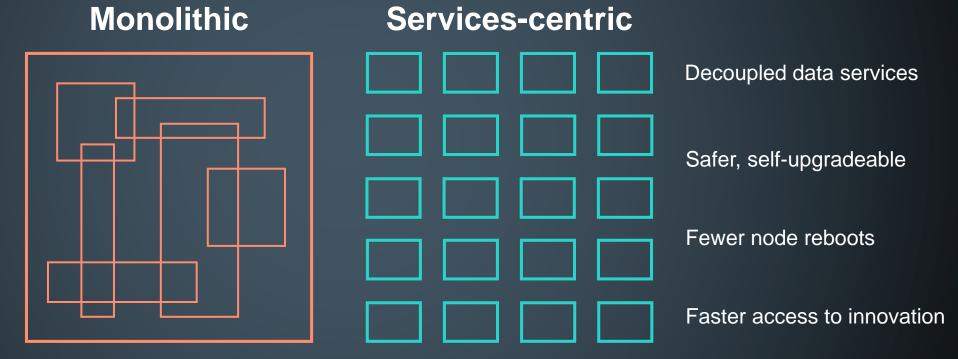
Eliminating risk and simplifying management with a servicescentric OS

Tightly coupled data services

Complex upgrade process

OS reimaged for any update

Slow release cycles





Enterprise storage ownership transformed

All inclusive licensing

No Forklift Upgrades

Store More Guarantee

Controller upgrade options

100% Availability Guarantee

Investments are timeless





On-Demand Experience

App-Aware Resiliency Predictive Acceleration

On-Demand Experience



HPE Primera On-demand Experience

Self-service user experience for instant access











HPE Primera On-demand Experience Radically simple all of the time

Automated setup with streamlined workflows

No separate tools needed with built-in management

No tuning with all-active, always-on data reduction and RAID6

Prescriptive OS updates transparent to applications

API-driven for infrastructure as code

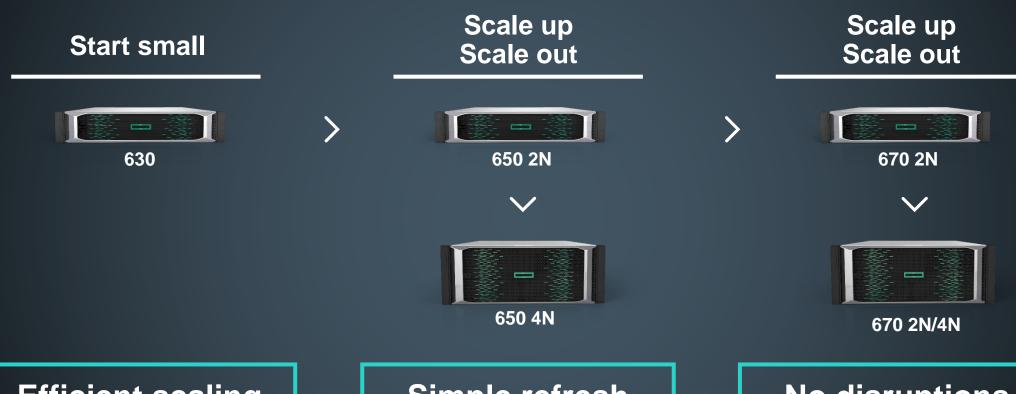


up to **93%**

reduction in time spent to deploy, manage, and scale storage¹

HPE Primera On-demand Experience

Online, inline, non-disruptive upgrades with data in place



Efficient scaling

Multi-node scale for performance and capacity

Simple refresh

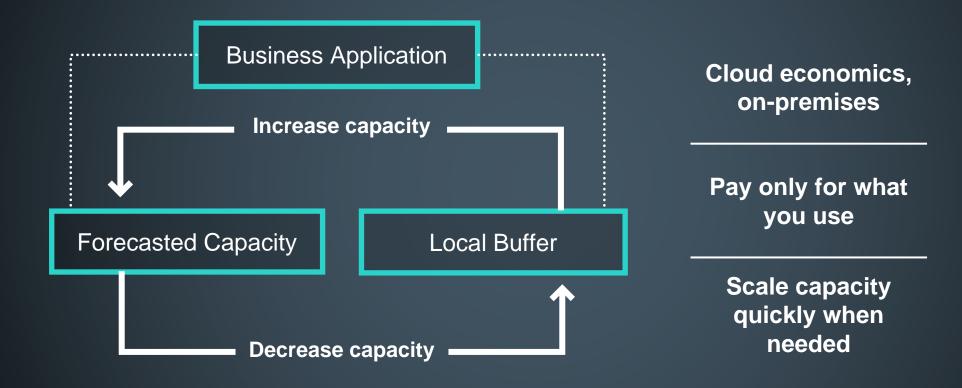
Zero wasted investment with data in place upgrades

No disruptions

Upgrading is transparent to your apps and to you



Consume IT in your environment, on your terms with HPE GreenLake

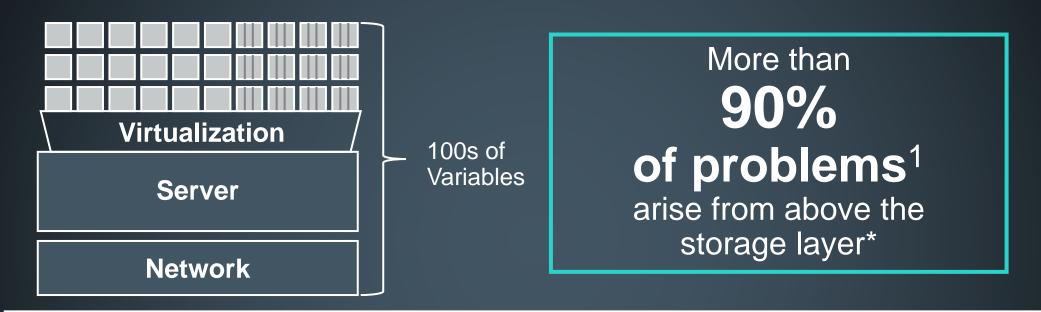




App-Aware Resiliency



Traditional high-end storage resiliency is ineffective



Storage

Reliable & fast storage solves only fraction of the problem



Protecting enterprises with app-aware resiliency

Beyond the box protection for no disruptions, corruptions, or delays

Resilient Design Center

Hybrid Cloud Data Protection

Predictive Analytics

All-active, no single point of failure and a services-centric OS that de-risks updates

App-aware data protection extended to the cloud

Predicts and prevents disruptions from storage to VMs



Resilient Design Center for 100% Availability



Active-Active

Instant failover of controller with no single point of failure, HA Cage, and separate power domains

Services-Centric OS

Independent data services eliminate upgrade risk, end-to-end error checking, dual-protection erasure code

Multi-Site Replication

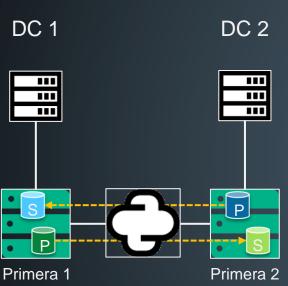
Async and/or sync replication with automatic and transparent switchover across three data centers



HPE leadership—Data availability and protection

Simplify disaster recovery and high availability

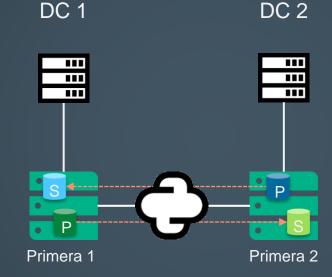
Sync Remote Copy



RPO = 0

High availability across metro distances with up to 10ms RTT (~1000 km)

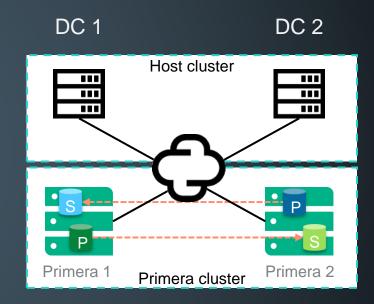
Async Remote Copy



RPO = seconds to minutes

Disaster recovery across continental distances with up to 150ms RTT (~15,000 km)

Peer Persistence



RPO + RTO = 0

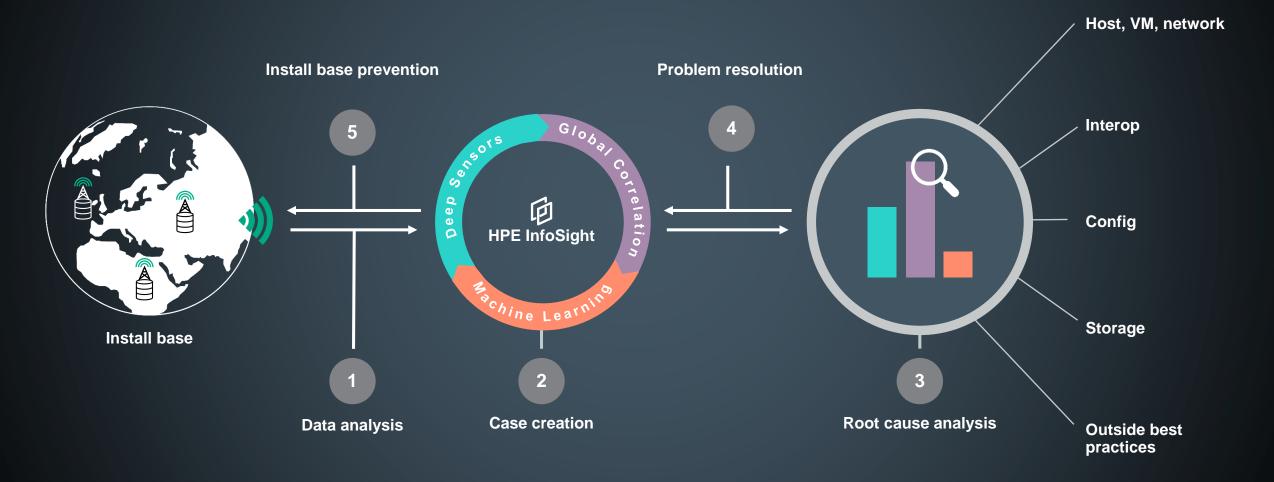
High availability across metro distances with up to 10ms RTT (~1000 km)



App-aware data protection extended to the cloud

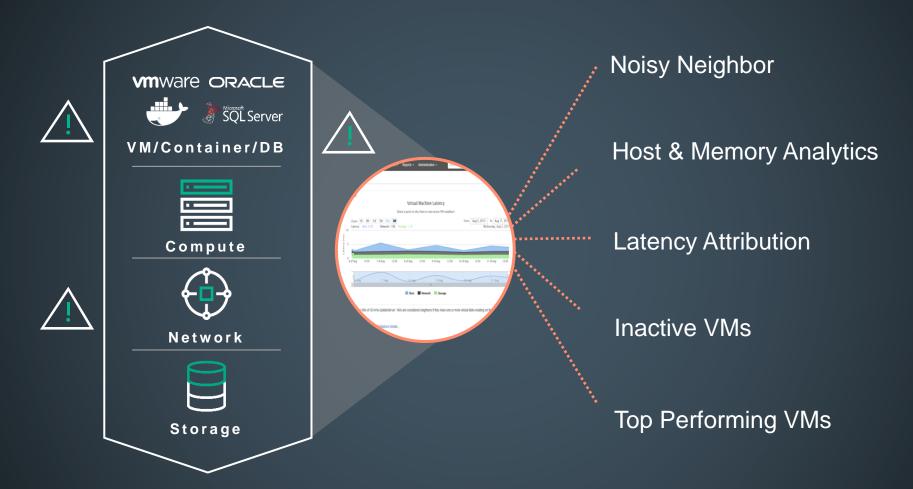


HPE Primera App-aware Resiliency See once, prevent for all





See issues beyond storage



Look beyond your storage infrastructure to gain the deepest insights



Predictive Acceleration



HPE Primera Predictive Acceleration

Consolidate without risk with predictive acceleration

Intelligence combined with limitless parallelization

All-Active

Multi-node with all controllers serving I/O concurrently thru multiple paths

Memory-Driven

SCM and NVMe-optimized architecture through software & hardware

Embedded Al

Optimize performance and automate workload planning in real-time



HPE Primera Predictive Acceleration

Architectural advantage for NVMe and Storage Class Memory



Limitless Parallelization

All controllers with unified cache serving I/O concurrently thru multiple paths



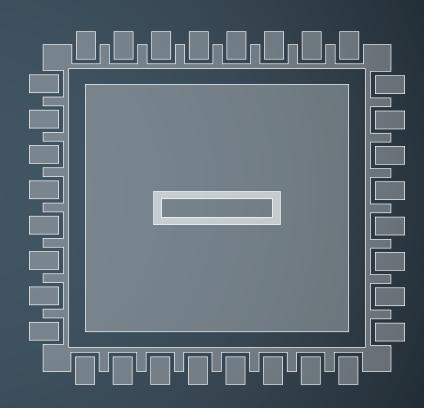
Memory-driven

SCM and NVMe-optimized through software defined, hardware-enabled architecture



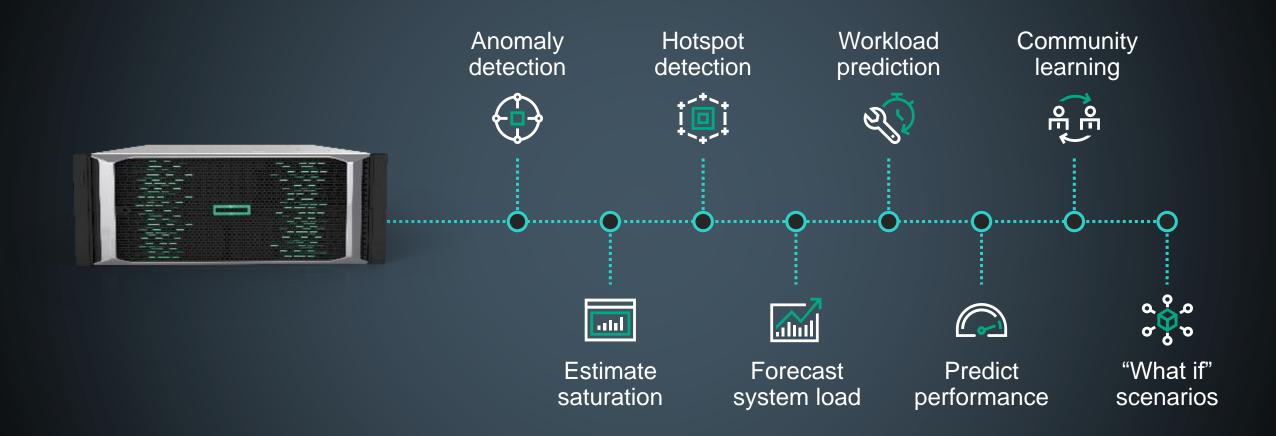
Lockless design

Gen 6 ASIC and unified cache drives more parallelism and greater, more consistent performance



HPE Primera Predictive Acceleration

Embedded AI engine self-optimizing performance



Intelligent storage unlocks the potential of your data

Al Driven Built for Cloud

as-a-Service experience

HPE Primera Storage

Flexible to easily adapt to any environment. Powerful to handle anything. Resilient for end-to-end data protection.

