Consolidate to a Single, Responsive, Enterprise-Grade Storage Architecture

Enterprise Storage Finally Done Right
“Our enterprise storage was too complex. The costs to deploy and manage were not sustainable. Nimble has given us much more flexibility with primary storage and data protection and a much more resilient infrastructure—all at a much lower cost.”

Shaun Butler, IT Platform Lead
Staples Australia

**Single Architecture**
Consolidated Support for all SLA Tiers

**Simplify Management**
Set and Forget with Actionable Alerts for Always Optimized Environment

**Enterprise Scale**
PBs of Capacity

**Grow Seamlessly**
Scale Performance Independently of Capacity

**Minimize Risk**
Integrated Data Protection and Security

**Its Time to Join the New Generation of Enterprise Storage**
The legacy approach to storage is becoming a bottleneck in the data center to both meeting performance SLAs and to achieving the optimal rack density expected in a virtualized datacenter. This is leading to bloated data centers, silos of storage, and missed SLAs. Moving to a single, highly scalable architecture like the Nimble Storage Adaptive Flash Platform offers:

- **Consolidated Storage Architecture:** Consolidate silos of storage onto a single architecture to manage all SLA levels with unified management.
- **Enterprise Strength:** Enterprise strength HA, resiliency, and data protection with virtually no downtime, plus faster RTO and more aggressive RPOs.
- **Next generation Performance Levels:** Scale performance independent of capacity up to 500K IOPS to meet the most demanding SLAs.
- **90 Percent Reduction in Footprint:** Reclaim up to 90 percent of your storage footprint with no compromise.
- **Over 50 Percent TCO Savings:** The average Nimble customer saves over 50 percent across capex and operating costs such as power and cooling.
Consolidate to a Single Storage Architecture

TRADITIONAL ENTERPRISE STORAGE

NIMBLE STORAGE ADAPTIVE FLASH

OR

• Enterprise Performance Up to 500K IOPS
• Enterprise Capacity Scale
• Enterprise Uptime over 99.999 Percent

Plus: Consolidated Support for all SLA Tiers

Plus: 90 Percent Footprint Reduction

Less: Half the TCO

One Storage Architecture
Consolidated Support for all SLA Tiers

Reduce TCO
Scale Capacity and Performance Independently

Unified Storage Management
Automated Optimized Environment for all SLA Tiers

Evolving to a New Generation of Enterprise Storage

As virtualization continues to evolve to support line of business application demands and their increasing service level agreements (SLAs), the infrastructure must evolve to support the increased performance and rack density demands or risk becoming a bottleneck in the process. Hence, yesterday’s legacy storage solutions are now becoming today’s storage problem leading to bloated data centers and missed SLAs.

<table>
<thead>
<tr>
<th>IT OBJECTIVES</th>
<th>TRADITIONAL STORAGE</th>
<th>ADAPTIVE FLASH</th>
<th>THE ADAPTIVE FLASH DIFFERENCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flexible Architecture</td>
<td>Disk-Bound</td>
<td>CPU-Driven</td>
<td>90 Percent Smaller Footprint</td>
</tr>
<tr>
<td>Scale Performance</td>
<td>Add Disks</td>
<td>Add CPUs</td>
<td>Scale to 500K IOPS without adding Disk Drives</td>
</tr>
<tr>
<td>Scale SLAs</td>
<td>Build Storage Silos</td>
<td>Supports all Tiers</td>
<td>Higher Utilization and Unified Management</td>
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</tbody>
</table>

“We replaced half a rack of our previous storage with only 9U of Nimble. Frankly, I've never seen any other vendor deliver the kind of performance that Nimble does with the same set of hardware. We were seeing all-flash performance without the corresponding expense.”

Jeremy Balter, Sr. Systems Administrator
LANDesk
The Adaptive Flash Platform

- **Single Architecture for all Applications**: Unified management applies optimization simultaneously across tiers.
- **Non-disruptive Upgrades**: Independently upgrade performance or capacity without downtime or sacrificing optimization.
- **Predictive Analytics**: Actionable intelligence for optimal storage resource allocation and performance scaling.
- **Tier 1/2 Support Automation**: Automated through proactive actionable alerts so IT staff can focus on higher value activities.
- **Tier 3 Support**: Available first call with Nimble Storage support for superior and expedited expert care.

“The actual configuration of our Nimble Storage Fibre Channel array was so simple that it took even less time than it did for us to mount the array in our datacenter rack. We were immediately ready to start migrating over our production SAP, Siebel and Microsoft Exchange systems.”

Jan Van Moere, Network and Security Engineer
Niko Group

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**Improves SLAs**
Aggressive RTO and RPO

**Simplified DR**
Automated Failover and Failback over Distance

**Predictive Analytics**
Standard on all Nimble Storage

**Efficient Backup**
No Load on Servers

**Direct Tier 3 Support Access**
Available First Call

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**Business Continuity**

**Enterprise Strength at the Next Level**

Virtually no downtime through integrated optimization tools, robust design, with next generation backup and DR tools.

**Proven Availability**
- **Redundant**: Fully redundant design with fast failover
- **Available**: Proven uptime over 99.999 percent across installed base since 2012

**Reliable & Secure**
- **Resilient**: Unparalleled protection against data loss and corruption
- **Integrated**: Comprehensive, integrated security

**Integrated Protection**
- **Automated DR**: Efficient disaster recovery
- **Meet SLA**: Shorter RPO and RTO
- **Lower TCO**: No licenses or HW to buy
There is Only One Choice when Weighing the Options

Regain control of your data center with a complete enterprise storage solution that consolidates storage into an automatically optimized, centrally managed storage environment supporting all SLA tiers, at optimal virtualized densities.

“With inline compression alone, we’ve freed up 7.48TB of space. Imagine what we can do with that.”
Calvin Levy, Florida Blood Services

Nimble Delivers the Next Generation of Enterprise Storage

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<tr>
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<th>ALL FLASH SOLUTIONS</th>
<th>ADAPTIVE FLASH</th>
<th>THE ADAPTIVE FLASH DIFFERENCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Meet Performance SLAs</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>Dynamically assign service levels that align with application needs</td>
</tr>
<tr>
<td>Reduce Datacenter Footprint</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>Up to 10x less footprint required compared to traditional storage</td>
</tr>
<tr>
<td>Improve IT Productivity</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>Automated, analytics based support and insight</td>
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<tr>
<td>Grow Seamlessly</td>
<td></td>
<td>★</td>
<td>★</td>
<td>Single architecture: no migrations, no forklifts</td>
</tr>
<tr>
<td>Ensure Data Availability</td>
<td>★</td>
<td>★</td>
<td>★</td>
<td>Proven over 99.999 percent availability across entire installed base</td>
</tr>
<tr>
<td>All-inclusive Data Services</td>
<td></td>
<td></td>
<td>★</td>
<td>No additional software or hardware to purchase</td>
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For more information on Nimble Storage’s Adaptive Flash platform, please visit www.nimblestorage.com/adaptiveflash.
Strategic Alliances: Building on the Power of Partnerships

Nimble Storage partners with leading IT vendors to develop and deliver pre-tested storage solutions.

VALIDATED STORAGE SOLUTIONS FOR THE ENTERPRISE ECOSYSTEM

TECHNOLOGY PARTNERSHIPS

Next Step

For more information, please visit us at www.nimblestorage.com or email us at info@nimblestorage.com