Today’s IT departments have truly become service organizations, charged with satisfying the needs of many disparate interests, both inside and outside their businesses. The modern IT organization must deliver the right resources at the right time within the right footprint, all in an increasingly turbulent and competitive environment. The most effective IT departments do more than serve their users – they become one of their companies’ most important competitive advantages.

The Nimble Storage Adaptive Flash Platform
Leveraging Breakthrough Technology to Deliver True Business Value
Datacenter Challenges
You are searching for an effective solution to datacenter challenges. The ideal solution will enable your IT organization to:

- **Manage TCO at scale:** You need to scale storage infrastructure quickly and cost-effectively to handle unpredictable data growth and meet changing requirements. Risk and time associated with deploying key business applications must be reduced.

- **Maintain business continuity:** IT applications and services are the foundation of nearly every business. Guaranteeing availability while avoiding data loss is crucial.

- **Simplify management and support:** Easily managed storage solutions allow your IT resources to shift from routine administrative tasks to higher-value projects.

Storage Trends
Several trends are driving the challenges facing enterprise IT:

- **Lagging storage performance:** In the last decade, compute performance increased by 20x while networking speeds grew by 10x. Storage I/O levels have remained static.

- **Expensive flash storage:** Flash storage offers better performance than disk, but at an extremely high price.

- **Exponential data growth:** The amount of data stored is growing, on average, an astounding 40–45% annually. Satisfying storage demands will be one of the most daunting tasks facing today’s IT departments.

- **Complex and time-consuming storage management:** The number, size, and complexity of services and applications have increased dramatically. Storage management tools have not kept pace with complexity.

New initiatives like virtualization, cloud computing, employee mobility, big data, collaboration, and social media have only added to the level of complexity.
Nimble Storage has the only flash storage architecture that radically improves datacenter economics. Nimble’s Adaptive Flash platform enables IT to improve business agility, reduce risk, enhance service, and manage IT costs on a scale suitable for enterprises. Adaptive Flash mitigates capital costs associated with scaling application performance and capacity.

### Why Choose Adaptive Flash?

Adaptive Flash dynamically and intelligently adapts resources to the unpredictable demands of enterprise applications. With Nimble Adaptive Flash, you can:

**Improve Business Agility:**
- Easily and dynamically adapt performance, capacity, or compute
- Focus on business, not storage

**Protect Data and Minimize Risk:**
- Avoid risk with proven reference architectures
- Achieve zero data loss
- Lower capital and operational costs, and dramatically reduce physical footprint

**Empower IT and Improve Service Levels:**
- Protect storage investments while meeting growth
- Consistently meet uptime SLAs
- Accelerate deployment of new business-critical applications
- Non-disruptively and independently upgrade performance or capacity

**Increase Operational Efficiency:**
- Free IT resources for higher-value projects
- Get detailed planning data for more informed decision-making
- Efficient administration through automated support and resolution

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### The Nimble Storage Adaptive Flash Platform

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<th>Increase Business Agility</th>
<th>Reduce Risk</th>
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<td>Respond quickly to changing application requirements</td>
<td>Streamline data protection and application deployment</td>
<td>Meet business SLAs</td>
<td>Lower overall costs with multi-dimensional efficiency</td>
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**CASL™**
Flash-optimized file system software

**InfoSight™**
Cloud-based management/support

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**Improve Service**
- Meet business SLAs

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**Manage Costs at Scale**
- Lower overall costs with multi-dimensional efficiency

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**Empower IT and Improve Service Levels**
- Protect storage investments while meeting growth
- Consistently meet uptime SLAs
- Accelerate deployment of new business-critical applications
- Non-disruptively and independently upgrade performance or capacity
Adaptive Flash customers achieve significant benefits, including:

- **Up to 10x Less Rackspace:** Nimble Storage systems typically require far less datacenter rackspace and associated operational expenses compared to legacy storage systems.

- **Up to 500K IOPS:** Adaptive Flash easily scales to enterprise-class performance so you can meet demanding SLAs.

- **Peak Storage Health:** Nimble Storage customers achieve greater than five-nines availability, and keep storage environments consistently running in top condition.

**About Nimble Storage**

Nimble Storage (NYSE: NMBL) is redefining the storage market with its Adaptive Flash platform. Nimble’s flash storage solutions enable the consolidation of all workloads and eliminate storage silos by providing enterprises with significant improvements in application performance and storage capacity. At the same time, Nimble delivers superior data protection, while simplifying business operations and lowering costs. At the core of the Adaptive Flash platform is the patented Cache Accelerated Sequential Layout (CASL) architecture and InfoSight, an automated cloud-based management and support system that maintains storage system peak health. More than 3,000 enterprises, governments, and service providers have deployed Nimble’s flash storage solutions across 37 countries. For more information about Nimble Storage, visit [www.nimblestorage.com](http://www.nimblestorage.com) and follow us on Twitter: @nimblestorage.

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