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*According to Forbes, Ninety percent of all data that exists today has been created in the last two years, yet 80% of all stored data is written once and never accessed again. In fact, by the year 2020, about 1.7 megabytes of new information will be created every second for every human being on the planet.*

*IDC says in 2016, enterprises spent 33.2B on new file storage; with 80% of data written once and never accessed again. That equates to a spend of roughly \$27B on new file storage for data that will never be accessed again.*

## Instant cost savings, security and speed... zero workflow changes

### **Infinite io**

*The world's first network based storage controller, featuring deep packet inspection technology*

According to industry expert Rafaele Persico of QStar Technologies, "80% or more of all data is written once and never accessed again."

More companies today are creating vast amounts of data and choosing to hold onto it. Though many businesses are looking to address this by quickly moving to cloud storage, that alone does not address the complexities of the challenge to manage data in many locations, and support a wide variety of applications, while delivering high-speed data access to Users. There has never been an all-in-one transparent solution to manage this process.

Until now.

Infinite io is a game-changing new solution that automatically controls and manages your inactive data—securely and cost-effectively—while delivering high-speed metadata caching for active data.

Its unique architecture allows you to keep your active (hot) data on-site, while intelligently migrating inactive data (cold data) to low-cost public or private cloud storage tiers. When the migrated data is moved to a secondary storage solution in the cloud, it appears and acts as if it is still located on primary storage—removing the need for complex overlay file systems and cloud gateways. Data is automatically moved to the most cost-effective and performance-matched location while maintaining a consistent access profile.

By freeing up your more expensive storage for the data you access on a regular basis, you can reduce cost by as much as 90% while increasing your active data performance.

### *Infinite io can help if:*

- You need a cost-effective way to automatically control and manage inactive data
- You're faced with poor or unpredictable data performance
- You want to securely move inactive data to the cloud— protected from hacks or warrants
- You're looking to break free from archive vendor lock-in

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Being able to seamlessly cloud-enable existing applications sets infinite io apart from the field.

Mike Clifford  
COO, Redbird Flight Simulations,  
former CIO of Whole Foods

Infinite io has taken a bottoms up and radically different approach to cloud integration.

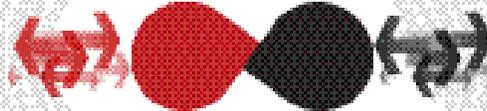
Tom Simpson  
CTO, Cincinnati Bell

Infinite io has taken a completely different approach to cloud integration by essentially putting a big storage brain directly into the network – which opens up endless possibilities.

Steve Duplessie  
Founder and Senior Analyst,  
Enterprise Strategy Group (ESG)

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Servers/Clients  
ACTIVE DATA



Cloud or  
Object Storage  
INACTIVE DATA

## Unparalleled Data Flow

*Infinite io's non-disruptive technology ensures a seamless integration with existing environments: no new file systems, no mount point changes, and no changes to existing applications or storage systems.*

### Benefits:

- Manages data growth while extending the life and performance of primary storage
- Reduces inactive data storage costs by as much as 80%
- Requires ZERO workflow changes – unique to the industry
- Eliminates bottlenecked system performance for quicker active-data access
- Encrypts and securely transfers data to the cloud
- Provides real time-views and easy management

### Features:

- Ultra High Metadata Performance: 1,500,000 IOPS in a single node with an average latency of <40 microseconds, 3,000,000 IOPS in a 3-node cluster with an average latency of <60 microseconds
- Total Transparency-Data: All data appears as if on local storage with immediate accessibility
- Always Hot and Adherent to Policy: Easy to use policy-based UI for continuous file migration, regardless of usage patterns
- True Compatibility: Works with all NAS systems supporting NFSv3
- Security: Failsafe security, dual-power and cloud-based system recovery

## ABOUT US

Our mission at infinite io is to provide our customers with the best possible product experience. Our experienced technology teams have a track record of developing market-defining solutions in security and packet inspection, storage networking, network routing and storage systems. Designed to be remotely managed and easily upgradeable, our products proactively self-monitor to make initial configuration and ongoing support a straight-forward and hassle-free experience.

Infinite io has been cited by CRN, Network World, Information Week and Tech Target as a game-changing company engineered to disrupt the world of data storage forever.

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