

Hybrid Cloud Tiering

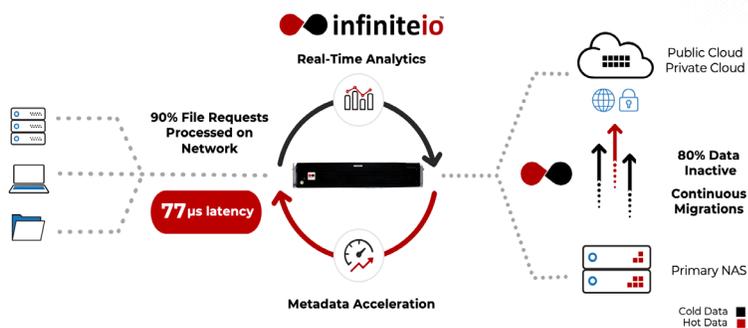
NSC-110S Platform

DATA SHEET

Transparently integrate cloud storage into existing systems with no workflow or application changes

In the typical data center, eighty percent or more of all data is accessed briefly and then rarely accessed again. Inactive data tends to double every twenty four months or less. Considering these challenging growth rates, a new solution is needed. Cloud or object storage provides a means of building massively scalable, low-cost storage in the traditional data center or as a service from a public cloud vendor. Cloud storage is the ideal platform for storing inactive or cold data.

Cloud storage scales out well with low-cost disks, but it does not typically provide the performance required by actively used hot data. Cloud gateways only work well in non-mission critical, low performance applications. What is clearly needed is a solution that intelligently finds and transparently migrates inactive data to a cloud, freeing up existing primary storage to service active data.



InfiniteIO's Hybrid Cloud Tiering solution migrates inactive (cold) data off existing storage to a public/private cloud or low-cost NAS, while making it appear and perform as if it were still on existing storage.

Continuous Policy-Based File Migration

Using InfiniteIO's Hybrid Cloud Tiering (HCT) solution dramatically reduces storage costs using file migration policies that move inactive data to low-cost public or private object storage. Using infiniview™, policies can be created that migrate data based on much more than just file activity. Last access date, file type, user ID, wildcards and other variables and combinations can be used to create policies that continuously migrate files.

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Cost Savings
 Migrate inactive data to a cloud, lowering storage costs by as much as 80%
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Totally Transparent
 No new mount points, file systems or virtualization
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Ultra High Performance
 Metadata is served out of memory for local and cloud-migrated data
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Quantifiable ROI
 No risk simulation modes calculate expected savings
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Active Migration
 Using IT-defined policies, data is continuously migrated to a cloud or low-cost NAS.
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Secure
 Local keys, encryption, and data sniblets™.
- 
Fault Tolerant
 Fail-to-a-wire, dual-power and cloud-based system recovery

