Data Access Across Heterogeneous Silos

Most enterprises suffer from data being stuck in "silos," distributed across different storage platforms, different vendors, and different locations, making it difficult to manage and access, which diminishes it's value to the business. This also increases storage costs due to increased complexity and decreased storage utilization.

The traditional approach to this problem has been very manual: tier data between storage types based on performance and cost. However, it's difficult for IT to see and predict which data is relevant or "hot" and which isn't, and manual migrations are error prone and can disrupt business. Typical HSM (hierarchical storage management) software can help tier "cold" data, but is limited and can't address the dynamic needs of modern enterprises across mixed storage environments.

Dynamic, Data-Centric Tiering Restore's Balance to the Data Center

Remove Complexity
- Automate workflows & tiering to optimize efficiency
- Increase productivity with actionable data insights

Reduce Costs
- Reduce CAPEX by 70%
- Policy-driven automation reduces IT costs by 50%
- Extend primary storage life by tiering down cooler data
- Consolidate storage to simplify management

Enforce Data Protection
- Single solution for local, network, tape & cloud
- Auditing & file verification
- File versioning

StrongLink connects local, network, and cloud storage within a single global namespace, enabling data to dynamically move between any storage system without disrupting user access. StrongLink is data-centric, capturing, aggregating, grooming and classifying metadata which is used to intelligently migrate the right data to the right storage. StrongLink automatically tiers data to higher or lower performing storage, on-premises and off in order to meet user-defined policy requirements. The StrongLink Autonomous Engines, automatically migrate data where it's needed when it's needed, while providing users a persistent view and access to their files regardless of which storage tier the files have been moved to.. With StrongLink, enterprises can maximize the value of their data, as if all data were on Tier-1 storage, while efficiently distributing files across resources to lower overall storage costs. StrongLink is like having a team of IT professionals working behind the scenes to continuously optimize your storage infrastructure.

NFS   CIFS   S3   sFTP*   HTTPs   Open API

LAN/WAN

STRONGLINK Global Namespace

Migration Copy

Migration Copy

Migration Copy

Hewlett Packard Enterprise

NetApp **ISILON SYSTEMS**

Storage Array

Object Storage (S3)

NAS

Multi-Cloud
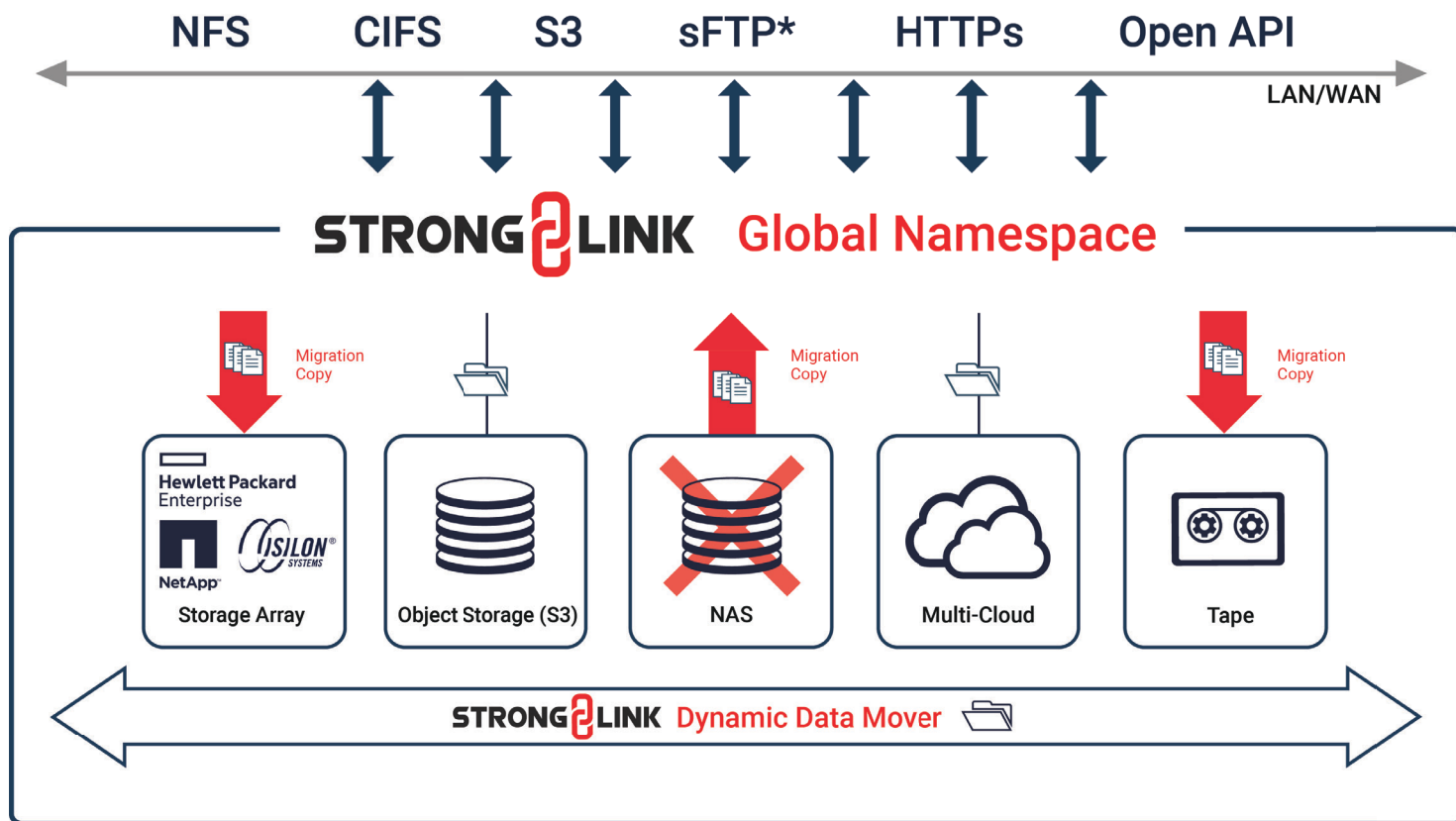
Tape

STRONGLINK Dynamic Data Mover

Figure 1. StrongLink dynamically tiers data based on data activity and policies.

StrongLink's Data-Centric Architecture:

✔ **Dramatically improves ROI & reduce OPEX**

✔ **Manages cloud & tape storage as a tier**

✔ **Globally enforces data protection**

✔ **Non-disruptively add & remove storage**

Requirements

- Optimize data placement
- Manage performance and costs
- Ensure SLAs & QoS
- Non-disruptive data access across storage platforms

Benefits

- Real-time data insights to automate actions and optimize storage utilization
- Data migration to ensure storage efficiency and application availability
- Users defined policies enforce SLAs & QoS
- Users maintain a persistent view of file during migration - no disruption to users/applications

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