# STRONG

# Autonomous Data Management

# Data Sheet

Enterprises from all vertical markets, from life sciences to media and entertainment, from HPC/Research and higher eduction to government, in high-tech, and consumer products, virtually ALL enterprises struggle to manage data with fewer resources and at less cost. StrongLink is THE leading data and storage resource management solution to control and lower costs, remove complexity, and enforce data protection and security.



### Key Benefits to Improve Storage & Data Management

- Remove complexity
- Reduce costs with immediate ROI
- Enforce data protection
  & security

StrongLink is the software solution to simplify heterogeneous storage management across local, network and cloud storage. StrongLink removes complexity from IT operations, reduces storage costs by 80%, enforces data lifecycle management policies to meet global business continuity and disaster recovery. StrongLink immediately reduces OPEX by automating workflows to reduce administrative overhead.

**Eliminate storage silos:** StrongLink is designed to simplify global data management across incompatible storage silos. The StrongLink global namespace creates a unified view across the entire storage environment regardless of storage vendor, platform or protocol.

**File migrations** are automated across all storage types with no disruption to users or applications. Userdefined policies combined with auto data-classification ensure that data is always on the right storage tier. StrongLink delivers a new level of simplicity for tiering, archiving and hybrid cloud use cases while ensuring storage optimization and workflow automation.

**StrongLink is not traditional HSM.** StrongLink does not use agents, stubs, or symlinks, but instead dynamically manages data placement across any connected storage type in the global namespace. StrongLink is not your grandfather's HSM.



#### Unleash the Power of Metadata

StrongLink identifies and aggregates metadata from multiple sources including file system, applicationspecific, and user-generated metadata. Metadata can be used to improve productivity, powering complex queries, automating workflows and enriching user experience with data insights and analytics both for the data and storage. This powerful aggregated metadata creates a new level of usability for data management and protection to reduce IT staff workload and related costs.



#### StrongLink's Autonomous Engines Powered by Metadata

StrongLink is a single software solution with powerful engines to simplify storage management and derive the maximize value from data.

#### Dynamic Data Mover engine

Cross-platform migrations, tiering & archiving

(公) Workflow engine

Automated workflows based on schedule & triggers

② Visualization engine

Alerting & trending

#### Metadata engine

Extract, auto-classify, tag, organize & manage

Analytics engine
 Data intelligence & derived insights
 Query engine

Global queries across all storage

**Our customers use StrongLink for the following use cases:** Automated data migration & data management, active archive, technology refresh, storage tiering, business continuity & disaster recovery and HPC/research.

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#### Manage all of your data and storage resources from a single-pane-of-glass

In addition to providing users with standard multi-protocol file access to all data, StrongLink's browser-based Control Panel provides rich functionality for both users and administrators. These include workflow



automation tools, global queries,

StrongLink browser-based Control Panel

metadata management, storage management with job scheduling and more.

#### Enable smarter data management with predictive analytics

Data Insights delivers actionable intelligence for predictive, real-time analytics and reporting that facilitate storage planning and optimize application performance.

#### StrongLink provides the unique ability of being deployed both in and out of the data path

StrongLink provides an unprecedented level of control and flexibility to ensure users can manage their data to meet buisness needs. Data can be accessed directly from any storage including tape and cloud with no dependency on StrongLink. File naming and paths are maintained eliminating vendor lock in when deployed as an active archive or for business continuity.

#### Out of the Data Path

- Direct I/O to files & objects
- Dynamic Data Movement
- Data lifecycle management
- File & metadata search
- Copy data management
- Metadata aggregation
- Data protection & verification

#### In the Data Path

- More control & security
  - Control direct storage access
  - Audit trails
  - Versioning
- Enforced data stewardship
  - Protection, preservation, privacy
  - Small file optimization
  - Storage resource management



StrongLink Architecture



# Some of the world's largest enterprises across 17 industries have chosen StrongBox Data to:

## **Remove Complexity**

- Reduce IT burdens
- Ease of use & install
- Increase user productivity
  & collaboration

- **Reduce Costs**
- Seamless tiering & archiving
- Maximize storage efficiency
  Immediate ROI

## **Enforce Data Protection**

- Governance & data provenance
  - One-click file recovery
- Simplified business continuity & diaster recovery

# StrongLink Provides:

- Actionable intelligence
- Aggregated metadata management
- Auto file verification
- Copy data management
- Cross-platform data movement
- Cross-platform global namespace
- Sector Data lifecycle management
- S Deployment on your hardware or VMs
- Directory integration
- Dynamic data movement
- S Dynamic reporting
- Solution and query

- Solobal search
- Immutable audit trails
- S Load balance writes across heterogeneous storage
- Multi-protocol access (NFS, SMB, S3, sFTP, HTTPs)
- S Multi-storage platform support
- S Multi-tenancy
- No capacity-based licensing
- Open RESTful API
- Policy-based workflows
- Roles-based access controls with Active Directory
- Small file optimization
- Section Versioning with point-in-time recovery

To learn more about the StrongLink platform, please visit www.stronglink.com

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