cuttone & company

> "Hammerspace improved our ability to **recover data 150x faster & reduced the cost of DR data by 93%**"

Donato J. Cuttone, Chief Executive Officer Cuttone & Co.

PROBLEM SOLVED

Cuttone & Company is a market leader in providing advanced institutional trading technology and execution services to institutional asset managers, hedge funds, family offices, professional traders, and other broker-dealers. Over the course of a day, market transactions are collected as file data, generating reports to be shared with regulatory agencies, while also being replicated to AWS for protection and resiliency.

Wallstreet Broker Dealer Looks to Cloud for Active DR

Challenges

- Data is collected and collated from many sources, and must always be available for reporting to regulatory agencies

- On-premises NAS solution is unable to integrate with AWS to deliver hybrid cloud data protection

- The strictest compliance must be maintained with NYSE, FINRA and SEC rules and regulations

69%
reduction in capacity footprint

93%
of the disaster recovery cold data tiered to lower-cost object storage

150x
faster recovery in the event of a disaster

GEO
New York City

INDUSTRY
Financial Services

COMPANY
Financial Services

USE CASES
Active-active disaster recovery to AWS cloud

Use AWS as a storage target for backup-data

Consolidate aging on-premises storage infrastructure

HAMMERSPACE

Cuttone & Company, a leading broker-dealer operating on the floor of the New York Stock Exchange, needed to modernize the protection of their unstructured file data and consolidate their NAS infrastructure while strictly adhering to the market's exacting regulatory standards. This project was the first phase of their journey to adopt a hybrid cloud IT strategy.

Cuttone & Co. wanted a unified solution that addressed their concerns of security, protection, and cost as they moved to a hybrid cloud infrastructure. To meet these requirements to implement a hybrid cloud solution for disaster recovery, they made a strategic decision to implement Hammerspace as a hybrid cloud file service.

"We looked for a file data management solution that would enable DR-to-cloud and smoothly integrate with the processes we already had in place while enabling a roadmap for further cloud adoption in the future. Hammerspace gave us capacity relief on our existing NAS infrastructure while improving our ability to recover data 150x faster and reduced the cost of DR data by 93%," said Donato J. Cuttone, Chief Executive Officer Cuttone & Co. The broker-dealer has now deployed Hammerspace in production to protect their file data so they can confidently meet their obligations to regulatory agencies and their customers.

Active-active disaster recovery to AWS cloud
To deliver an active-active DR solution so that data is always actively available on-premises and the cloud, Hammerspace separates the control plane (metadata) from the data plane (data) reading, writing, and moving data across sites through a Universal Global Namespace, at file level granularity. This makes for easy, uncomplicated, and error-free multi-cloud DR recovery from any storage to any site, even if the infrastructure has changed over time with an RPO/RTO defined by SLA's.

Use AWS cloud as a storage target for backup-data
Hammerspace takes snapshots from the existing NAS infrastructure and offloads them onto the cloud. It non-disruptively integrates into the current storage environment, using an on-premises hardware key management solution to secure data stored in cloud object storage. Because the key is managed on-premises, data access is tightly controlled and meets compliance standards. Hammerspace undelete capabilities also enable additional protection beyond regular snapshots. With Undelete, the user globally protects against accidental data loss across any site or storage infrastructure.

Storage infrastructure consolidation for data efficiency
Over time, Hammerspace automates and simplifies the consolidation of NAS storage as the storage systems near their end of life. The overall cost of storage drops significantly with Hammerspace, as cold data is securely tiered to object storage and snapshot copies are offloaded into the cloud.

With the Hammerspace hybrid cloud file service, Cuttone & Co. protects and reduces the cost of their data on AWS while also reducing their reliance on on-premises NAS infrastructure. They can confidently meet their compliance obligations as they continue down the path towards a hybrid cloud strategy.

About Hammerspace
Hammerspace is a hybrid multi-cloud file service that smashes the complexity of managing and protecting data on the hybrid-multi-cloud, eliminating the challenges of making unstructured data cloud-native and independent of the infrastructure. With non-disruptive, ML-driven data management, Hammerspace reduces the complexity of adopting hybrid, multi-site or Kubernetes workflows. **To learn more, visit us at www.hammerspace.com**