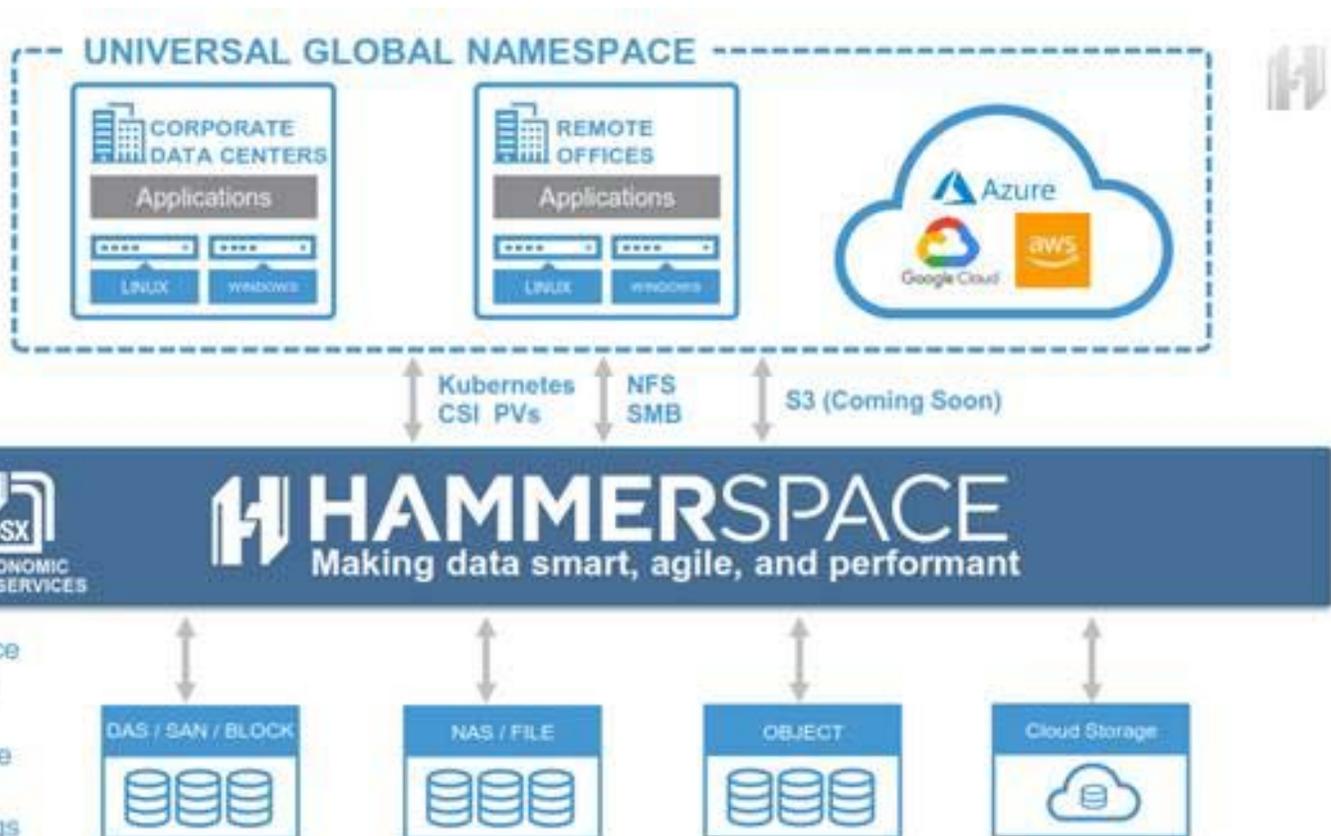# Benefits of Hammerspace

Quick Overview

Hammerspace is a company that focuses on solving complexities surrounding the access and movement of data.

The **Hammerspace Universal Global Namespace** non-disruptively and virtually instantaneously makes all data available across customers' complex multi-site hybrid cloud. Whether data is on-site, in the cloud, or a combination, customers can access all data quickly, all the time, wherever they are in the world.

Impact:

▸ Access all data, anywhere (On-Prem Private Cloud, Public Cloud, etc.…) with 100% global visibility across silos.

▸ Metadata services improves discovery time by 70% to run more data jobs faster

▸ Easy for Line of Business to deploy, non-disruptive to IT operations

▸ Reduce cloud data costs by 10x

Built-in/Native Use Cases

▸ Global Data Visibility

▸ Automated Data Tiering

▸ Live Data Mobility

▸ Storage Hardware Migration

▸ Active Object Archive

▸ Heterogeneous Vendor Support

▸ Smart Directories

Custom Use Cases

▸ Dev Ops Self Service

▸ Extendable Tags and Keywords

▸ Data Source for Global Index and Search

▸ Information Governance and Data Compliance

▸ Global Document Repository

▸ Data Catalogs

Additional Details

▸ **Standard open protocols** support any app with any new or existing storage. Some examples include: NFS 3 / 4.2 (Linux), SMB (Windows), and S3 (Amazon / Azure / On-Prem).

▸ **Automated Data Placement** at scale with continuous monitoring of data, performance, and storage costs. Constant machine learning allows Hammerspace to automatically load-balance capacity across the entire data center.

▸ **Hybrid Cloud File Service** unifies all file metadata into a highly performant file system. It enhances control with a universal namespace while providing user-defined and programmable tags and keywords. This can easily be integrated into other services which perform compliance, search, or data analytics purposes.

▸ **Data Recovery from backup / snapshots is simple and automated.** Customers can recover

snapshots (data) from any storage. Policies can automatically recover data from Tier 3 to Tier 1 without administrator action.

▸ **Reduce Egress Cloud Costs.** Example: Customer has data on a 50 TB volume that needs to be moved to the cloud for analytics, and brought back on-prem. However, the analysis only needs to be run on a small subset that cannot be easily identified (5 TB). Because Hammerspace has the ability to move the files that are specifically accessed, this significantly reduces cloud egress fees and storage costs.

▸ **Kubernetes** Container Storage Interface (CSI) provider turns any storage into Kubernetes storage and instantly makes data available across multiple clusters in a global namespace with live-data mobility.

Conclusion

With Hammerspace, customers get the performance their data requires. Hammerspace intelligently tiers the right data across hybrid cloud storage services based on the actual behavior of data.

Second, customers retain control over the cost of managing data. Take advantage of different storage services without changing your applications. The Hammerspace machine learning engine makes data management decisions based on resource economics, giving you insights and control over the cost of your data estate.

Third, banish data silos forever. Hammerspace seamlessly scales across both on-prem infrastructure and cloud.

Next Steps

Let's set up a time to discuss how Hammerspace can further benefit your organization.

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