Hammerspace

2023

keepertechnology
AUTHORIZED RESELLER

HAMMERSPACE

Mission

- Transform Enterprise file data into a global asset

- Eliminate data gravity

- Enable greater utilization of data to drive business outcomes

Hammerspace Use Cases

Hybrid Cloud NAS

Distributed Workforce

Burst For Compute

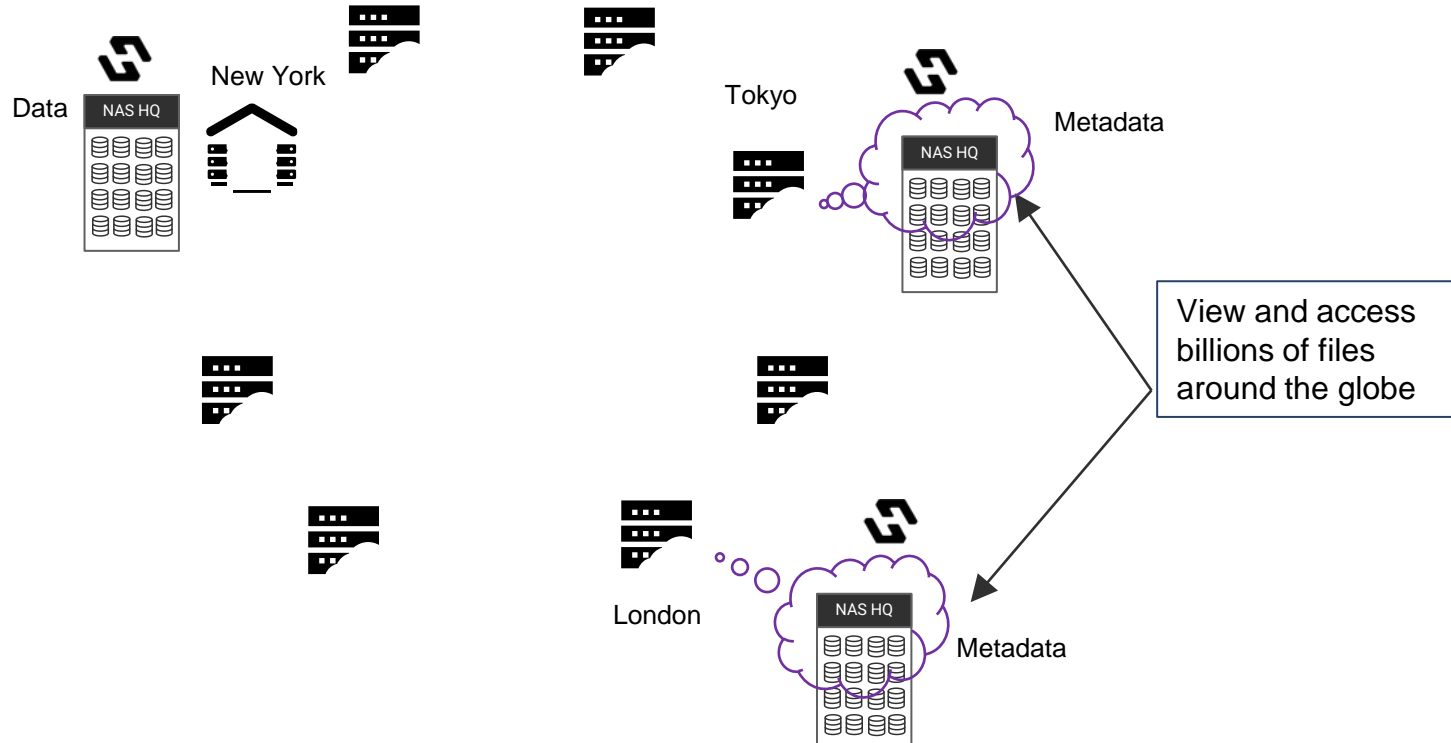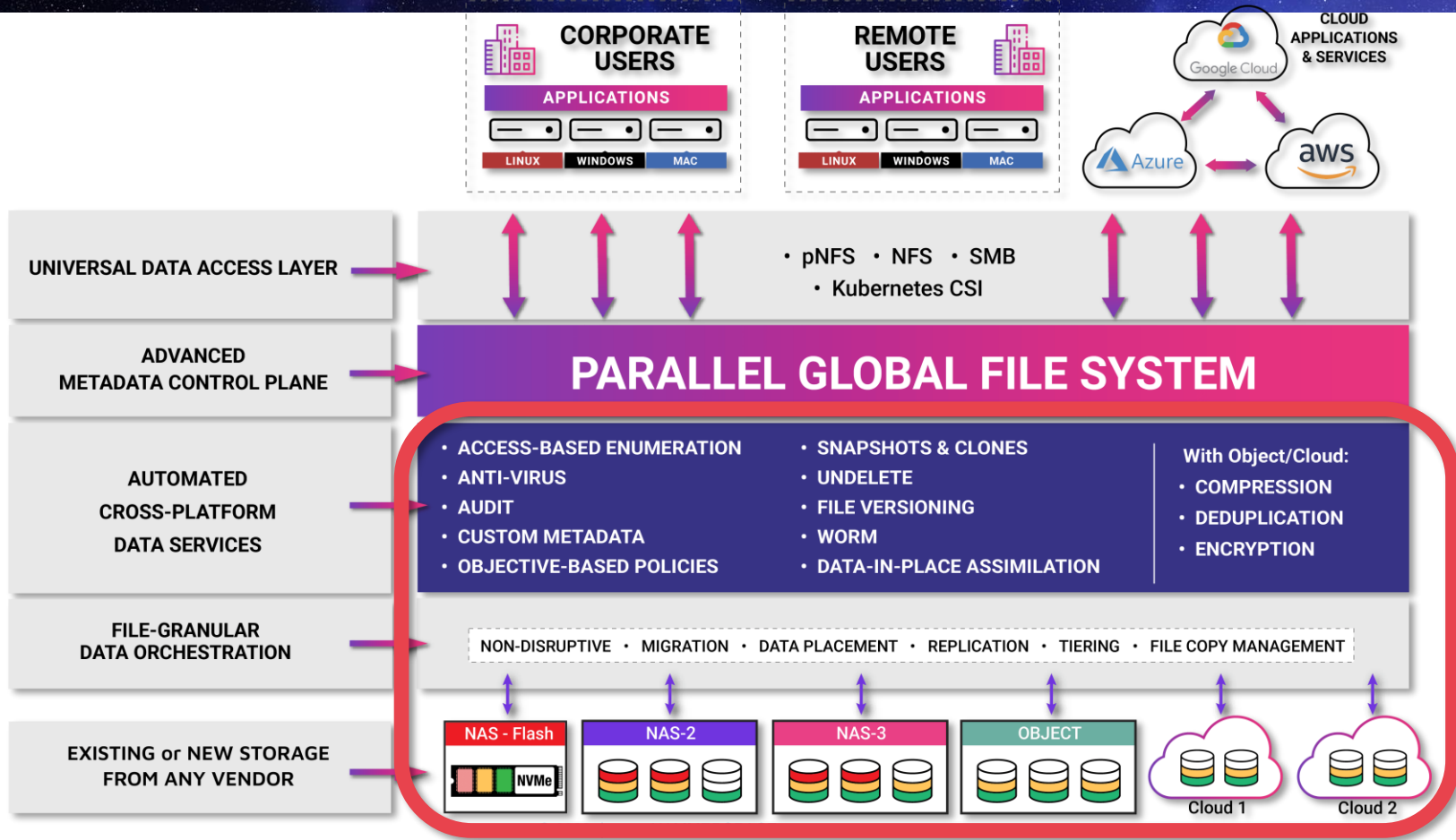Multi-Datacenter NAS

Multi-Cloud NAS

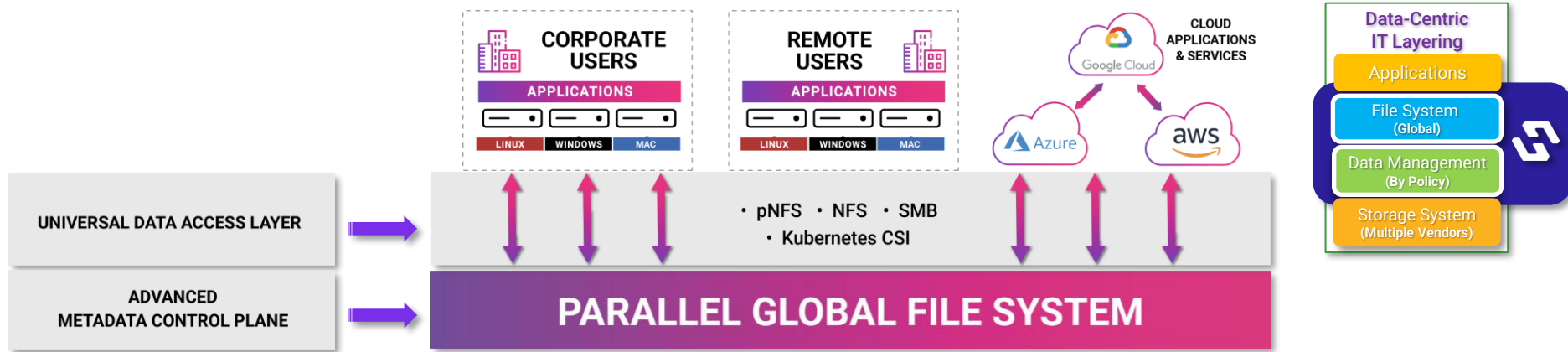Single Datacenter NAS

True Global File System

- File-granular data services
- Policy-driven
- On-demand

Data

New York

NAS HQ

Tokyo

Metadata

NAS HQ

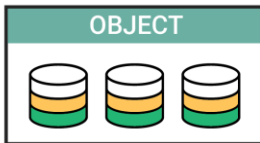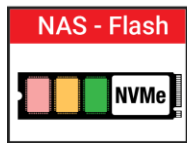View and access billions of files around the globe

London

NAS HQ

Metadata

Global Data Services with File-Granular Orchestration

Parallel Global File System Spans all Storage & Sites

Software-Defined Data Platform
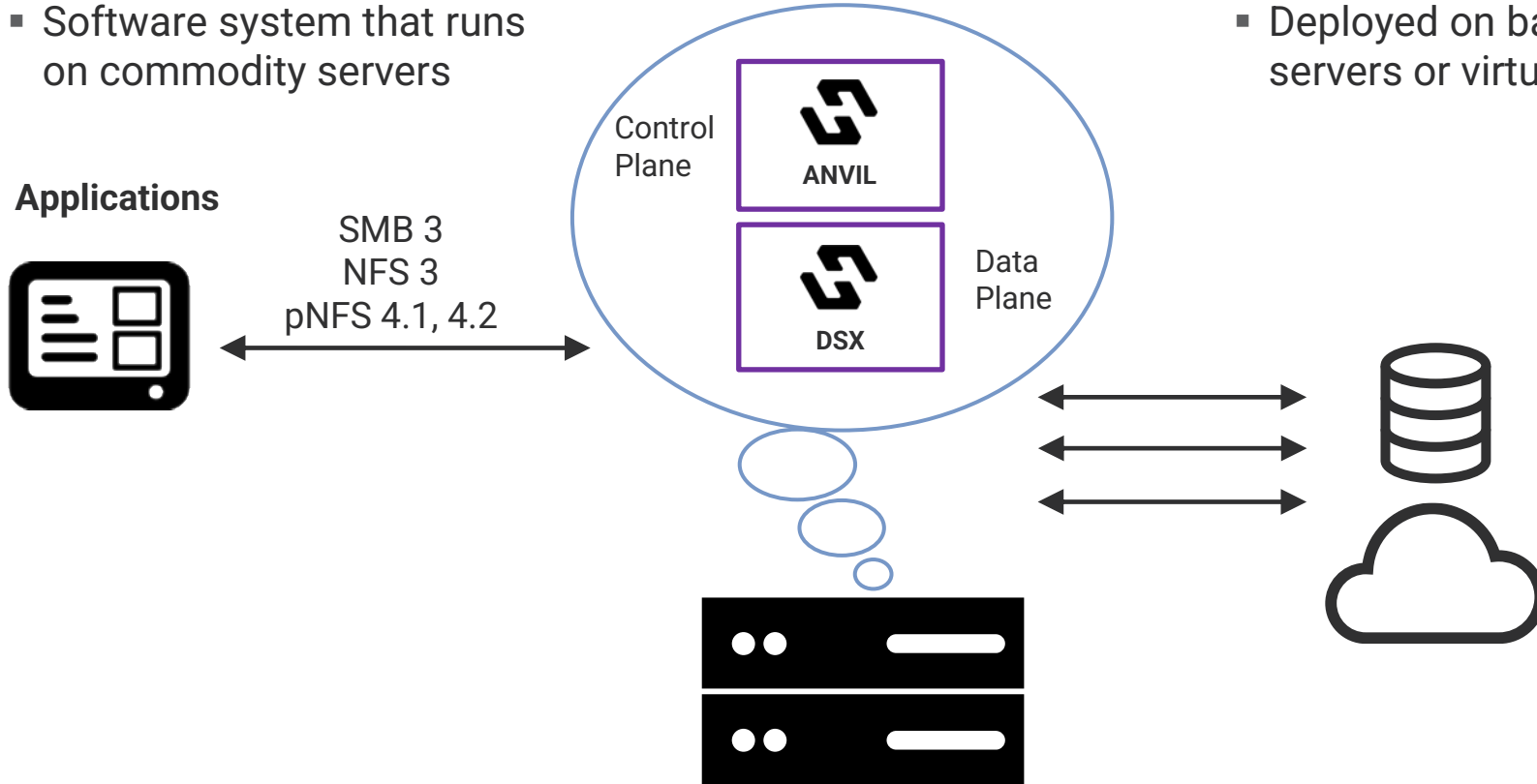
- Software system that runs on commodity servers

Applications

SMB 3
NFS 3
pNFS 4.1, 4.2

Control Plane

ANVIL

Data Plane

DSX

- Deployed on bare metal servers or virtual machines

Data-in-Place Assimilation

Hybrid Cloud NAS

Public Cloud

Different **regions** and/or multiple **public clouds**

Private Cloud
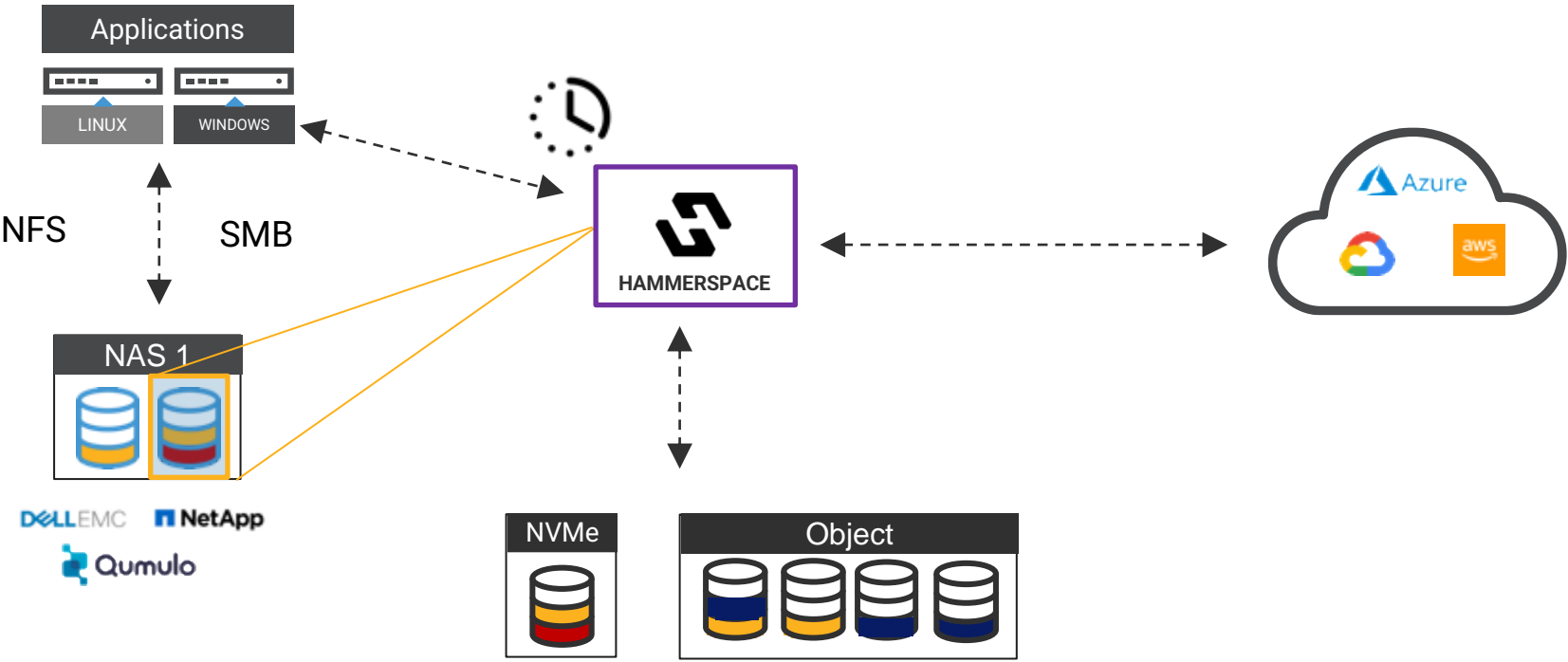
Multiple **storage systems** and **data centers**

Automated Data Orchestration

Distributed Workforce

User in Los Angeles

Metadata from HQ Hammerspace NAS
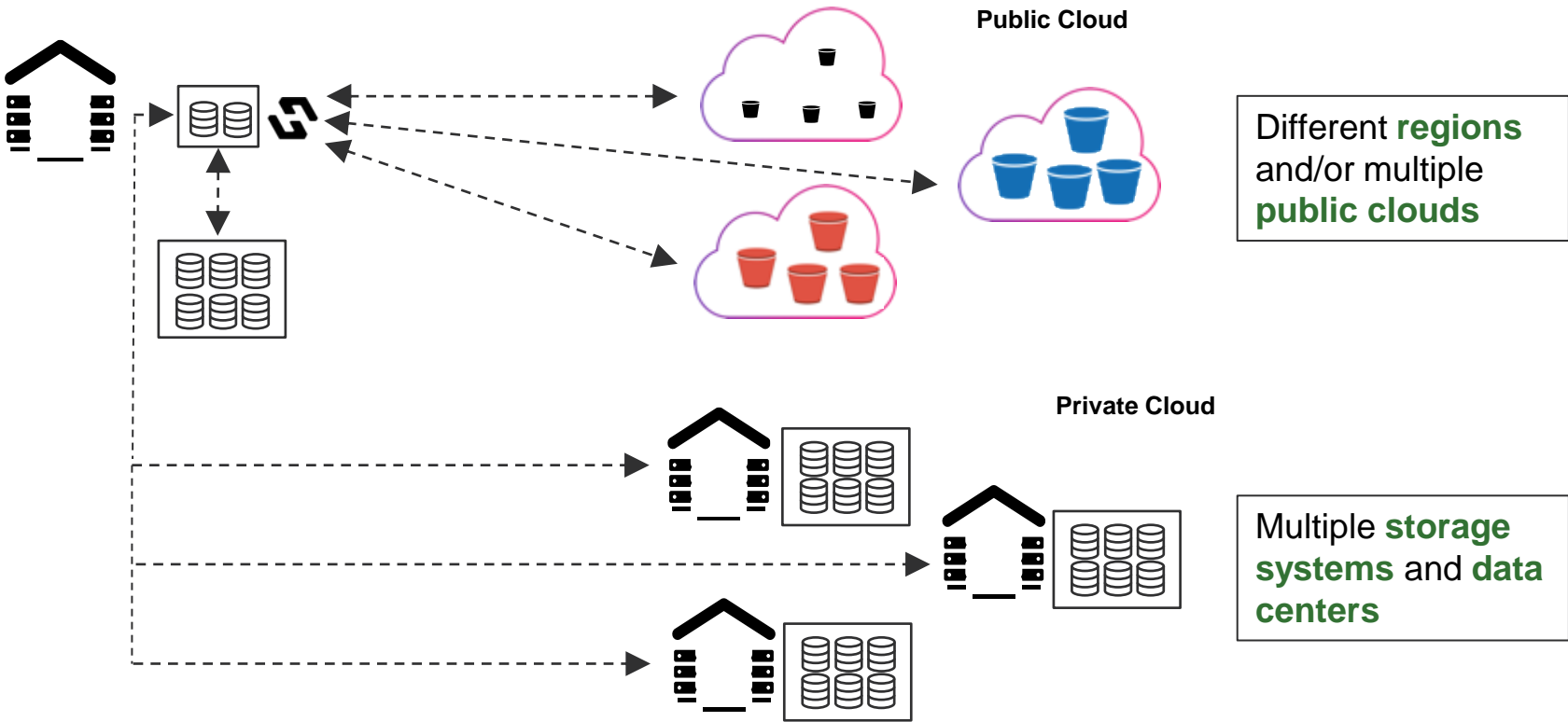
Remote Desktop

Multiple Users in Los Angeles, CA

Policy-based File Replication

Pentagon HQ

NAS HQ

Iraq

Remote Desktop

Multiple Users in Iraq

Metadata from HQ Hammerspace NAS

Metadata from HQ Hammerspace NAS

London

Remote Desktop

Multiple Users in London

Burst-for-Compute

London

Montreal

Vancouver

Jacksonville

Multi-Data Center NAS

Single Logical System
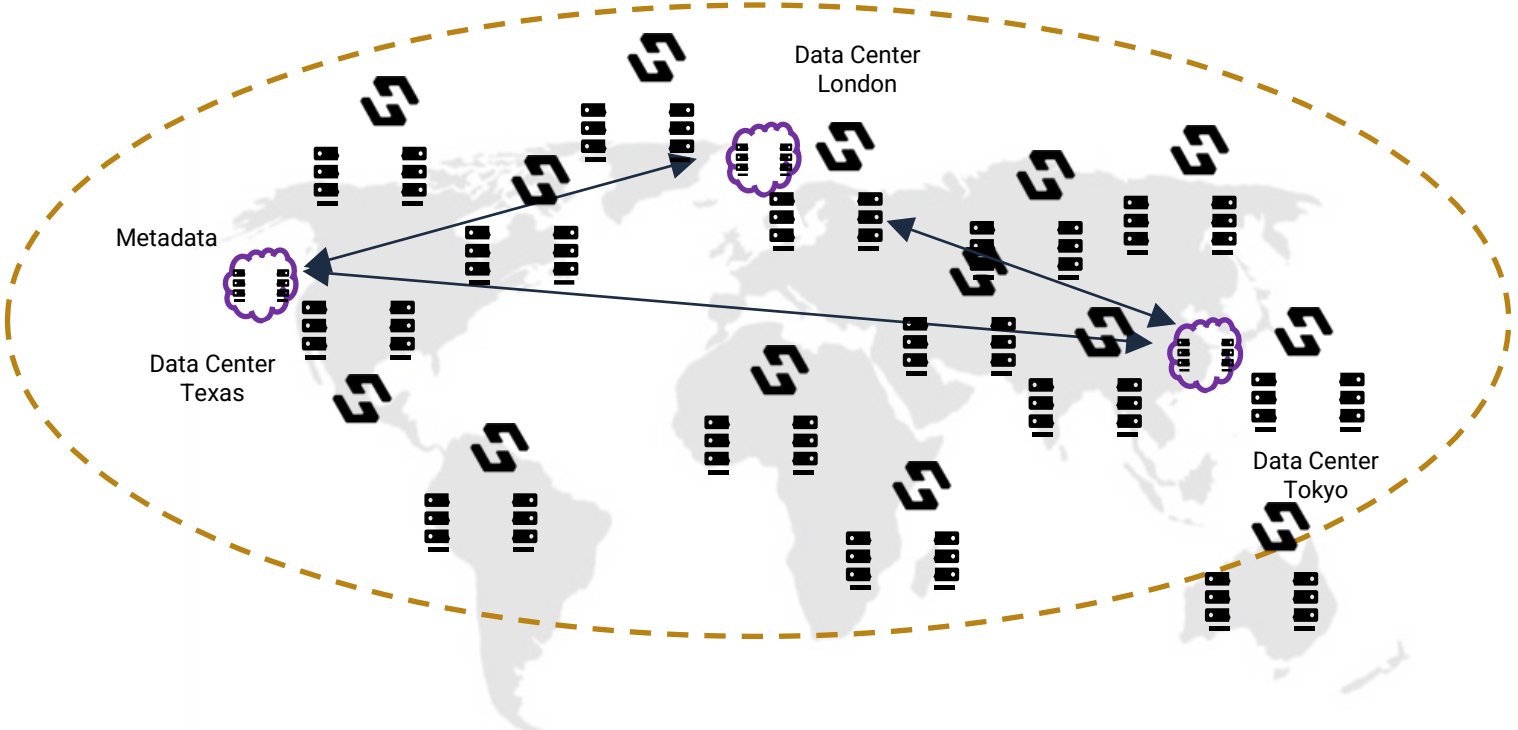
Feature-Rich Data Services and Management

File-Granular Data Services
Object-Based Policies

Objective-based Policy Engine

Metadata (Customizable)

Data Mobility

Data Assimilation

Automated Workflows

Encryption

Anti-Virus

Remote Replication

Snapshot Recovery

WORM

File Reservation

File Versioning

Undelete

Dedupe & Compression
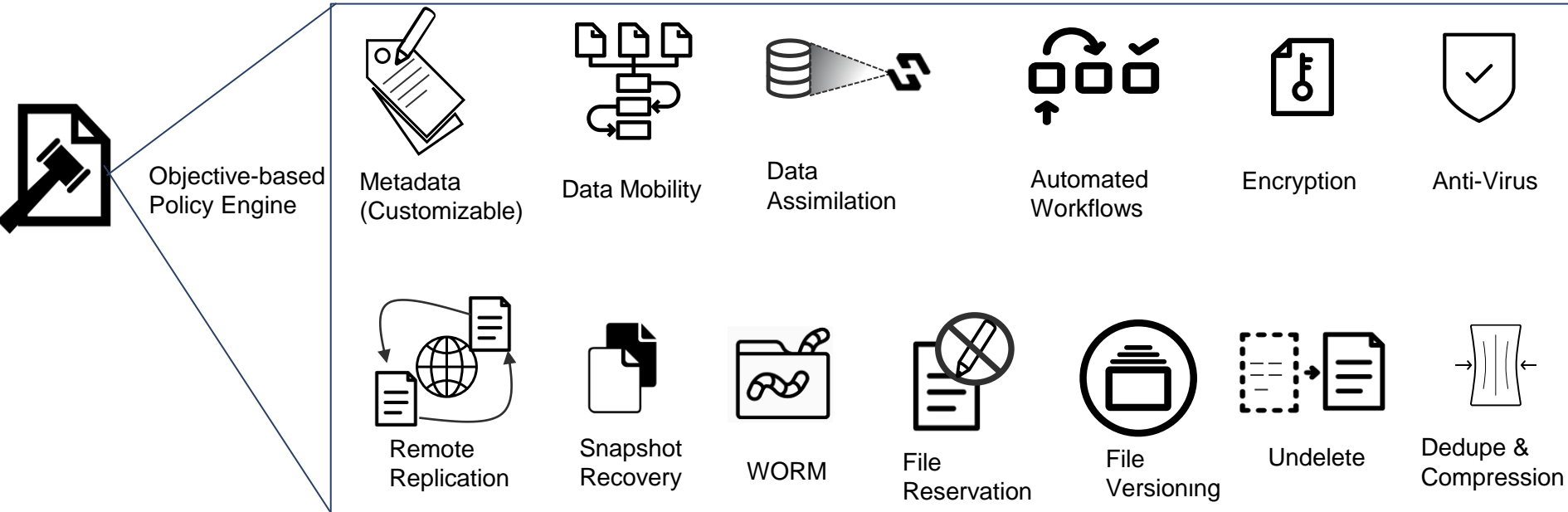
Hammerspace Ecosystem Integrations

User Apps

B2B Apps
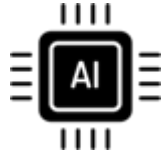
AI

ML

Elastic Search

Data Warehouse

Blockchain

AUTODESK SHOTGRID

ftrack

PROJECTIVE

amazon Rekognition

HAMMERSPACE GLOBAL DATA ENVIRONMENT

VIDEOS

AUDIO FILES

IMAGES

LOGS

SENSOR DATA

TEXT FILES

DESKTOP DOCUMENTS

PERFORCE

VERITONE

ethereum

snowflake

elasticsearch

Why Customers Choose Hammerspace

- Visibility and access to billions of files without copying data everywhere
- Instances and not copies
- Automated workflows
- Elimination of data gravity
- Objective-based policies
- File-granular data services
- Customizable meta data
- Application integration
- **Infrastructure independent for both on-premises and public cloud**

Hammerspace Global Data Environment

True Global File System
- A single logical system that spans multiple remote sites
- Access billions of files without copying data everywhere

Objective-based Policies
- Create policies to automate the management of your data
- Manage via any metadata or custom metadata attribute

Data Orchestration
- Eliminate data gravity with the ability to move data to any storage infrastructure live and transparently

File Granular Data Services
- Replicate, tier, protect and recover at the file-level

Ecosystem Integration
- Integrate with 3rd-party applications, technologies and platforms

GLOBAL DATA ENVIRONMENT

VIDEOS AUDIO FILES IMAGES
SENSOR DATA TEXT FILES LOGS DESKTOP DOCS

HAMMERSPACE