Unstructured Data
MANAGEMENT AT SCALE

StorageMAP delivers vendor-neutral data management capabilities for **ALL** unstructured datasets – file or object, on-premises, and/or cloud. Data management is coordinated through a single UI and allows customers to take control of their environment to ensure data is classified, residing in the most sensible location, and lifecycle managed.

FEATURES AT-A-GLANCE

- Vendor-neutral approach to unstructured data management.

- Built on Datadobi's Unstructured Data Mobility Engine.

- Management of all unstructured data through a single UI.

- Metadata extension via tagging.

- Data relocation, data migration, replication, and syncing.

OPTIMIZE COSTS AND USAGE

Manage efficient utilization of storage assets from all-flash, high-performance storage to high-density cost-effective bulk storage.

UNDERSTAND THE ESG IMPACT OF STORING DATA

Gain an understanding of the associated CO_2 emissions and environmental impact, in addition to the financial cost associated with storage of data.

REDUCE RISK

Identify potential ROT (Redundant, Obsolete, Trivial) data and create an executable data disposition plan.

GET MORE VALUE FROM YOUR DATA

Classify data and verify that highly valuable data is present on the appropriate platform and location while relocating aging data to alternative platforms.
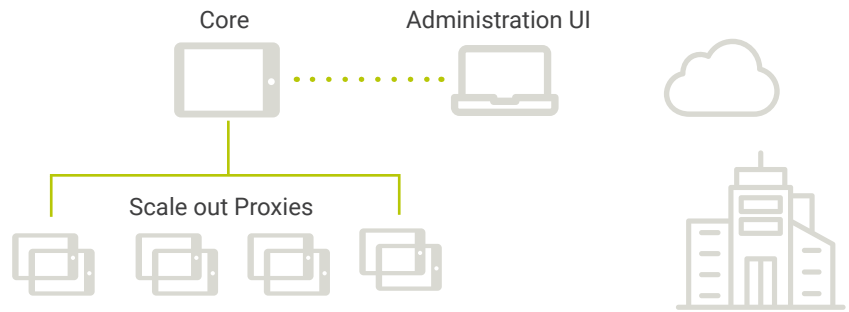
DISCOVER AND ANALYZE NAS & OBJECT DATA

Create an inventory of all unstructured data with summarizations and aggregations of important dataset characteristics.

MOVE AND PROTECT DATA AT SCALE

Take action on datasets by migrating, circulating, replicating, and syncing large amounts of capacity and billions of files or objects.

MANAGE DATA LIFECYCLE

Identify active vs non-active datasets quickly. Relocate data as access patterns evolve from hot to warm to cool levels. Delete data that is no longer needed.

TAKE CONTROL OF THE ENVIRONMENT

Exert full control of the environment through the combination of discovery, visibility, and data management actions.

SCALABLE ARCHITECTURE EASES UNSTRUCTURED DATA MANAGEMENT CHALLENGE

- Single administrative UI
- Add proxies for scalability
- On-premises or cloud deployment

Core   Administration UI

Scale out Proxies

YOU NEED TO	WITH STORAGEMAP YOU:
Build global metadata index for visualization and reporting	Understand: • Capacity in use by location, file server, sub-file server. • Capacity usage by file type, file extension, and size. • Activity level – aging characteristics based on created, last modified date, and last accessed date.
Report on and manage dataset costs and associated CO2 emissions	• Quickly see the monthly cost associated with storing datasets. • See CO2 emissions associated with the dataset from an ESG perspective.
Classify data with automated and user-defined tagging	• Assign ownership, dataset role, and special action tags which determine action to take on the assigned dataset.
Relocate and reorganize datasets	• Tag datasets for submission to the Datadobi Unstructured Data Mobility Engine for vendor-neutral relocation to alternative platform or location. • Reorganize data if desired. • Chain of custody reports verifying the integrity and accuracy of relocated data.
Replicate vendor-neutral file and/or object	• Replicate file content between any NAS platforms. • Replicate object content between any S3-compatible storage platforms. • Create failover copies or even golden copies protected by air-gapped network connections.
Sync file to object	• Take advantage of cost-effective object storage to make point-in-time copies of file data that has on-line access for recall. • Maintain file permissions and all metadata in the associated object copies. • Maintain SMB share and NFS export definitions. • Recall data to any NAS system regardless of vendor.
Execute at scale	• Execute data management tasks at scale without concern about capacity in play or number of files/objects to be processed.