

# UNIFIED BACKUP WITH MULTI-TIER DEDUPLICATION

**FINALLY**, data protection can be strategic in scope. It has traditionally been tactical, using various backup, deduplication, replication and disaster recovery tools. Data protection methods are then fragmented and hard to manage long term, because IT personnel must address different needs with different products.

This software was created to unify backup and data protection capabilities into a single solution with a single footprint, for End-to-End management for the Small to Medium organisation.

Users rely on AIMstor for unified backup and data management. It's the only way to deliver the capabilities necessary to meet the Recovery Point Objectives (RPOs) and Time-To-Data requirements of today's evolving data environments.

CONFIDENCE	
STORE	
<b>MANAGE &amp; PROTECT</b>	
RELEASE	





**TRUST • CONFIDENCE • SECURITY**

## UNIFIED BACKUP WITH MULTI-TIER DEDUPLICATION

### KEY FEATURES & BENEFITS

#### ■ Eliminate Backup Windows

Because data is captured via byte level changes, there are no bulk data transfers or file system scans, and because the backup process causes no overhead to the source machine, there is no longer a requirement for a backup window, enabling you to have more frequent recovery points.

#### ■ Centralise Backups

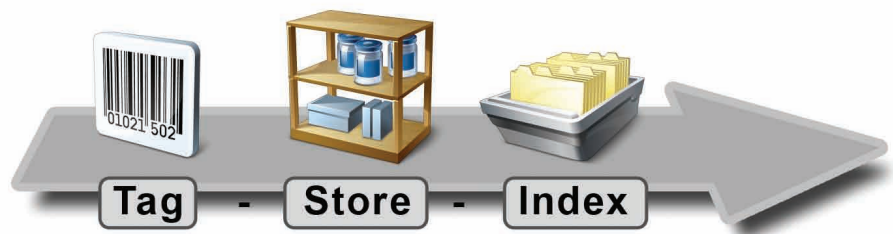
Backup and Recovery to and from multiple nodes, laptops, desktops, file servers and application servers, for an all-in-one, high performance backup.

#### ■ Physical & VM Performance

Because AIMstor is real-time, there are no scans. AIMstor change detection copies byte level changes live, as they happen. Then sends them over as per their policy imposed data movement (archive, replication, CDP, etc.) dictates. No scans means that physical host and individual VM's performance are not hampered by the data protection process.

#### ■ Policy-based tool providing data storage efficiencies

#### ■ On-line Tape Storage - An effective option



#### Fast and Efficient Restore

No layered restore process. Although data is captured byte by byte incrementally, data is indexed so a full image is always available, and restored as a single stream equivalent to restoring from a full backup. All data undergoes the Tag-Store-Index process for Restore granularity. This provides ultra fast restores and a consistent point in time backup of the complete dataset.

#### Remote Office Backup and Data Protection

As a distributed architecture, AIMstor does not require media or slave servers at remote sites. All nodes are self-aware and self-managing. This provides great scalability for AIMstor in remote SMB or enterprise environments. Using distributed data flows, you can create as many repositories as needed, local or remote.

#### Deduplication at Source and Target

The AIMstor Unified Repository employs several schemes for optimal deduplication both within the store and from the originating primary data source, and makes no distinction between file or email data.

AIMstor 4-tier backup deduplication provides the optimum data reduction techniques surpassing every other backup and recovery product.

#### Unified Architecture

AIMstor intelligence, protection and compliance capabilities extend to all tools within the fully unified AIMstor architecture. Bringing together real business needs with the right tools and getting them to work on a granular basis, is what AIMstor is all about.

Backups are getting too big	AIMstor Dedupe reduces Backup size up to 95%
Backups are taking too long	Live Backup eliminates the Backup window
Backups eat up Bandwidth	Byte Change transfers reduce Bandwidth loads by up to 95%
Restores are slow	Index/Search improves Restore performance by 3x to 100x
I need more than Backup	AIMstor Unifies Data Protection into a single solution

Backing up and storing data is easy...  
...it's your Restore that's critical.