

ArkHub Video & Data Deep Archive

ArkHub provides low cost archive storage, which is agnostic across industries, highly reliable, highly scalable, easy to use and with all the features of the major deep archive vendors but without the ingress, egress, retrieval, support and region costs which the major vendors levy their clients.

Low-Cost Storage, Simple Pricing

MediaHub Australia has developed ArkHub as a low-cost service that provides secure, durable, and flexible storage for data backup-archive, with a considerably simplified pricing model.

The ArkHub pricing allows clients to store their data for only a monthly storage cost, with no further ingress or egress charges, no early deletion / embargo fees, and no region fees.

ArkHub does not limit clients to storing their data specifically as an 'archive' and services both 'hot' and 'cold' data. Clients can upload a single file or perform a bulk upload with no price difference. ArkHub is a fixed price per GB per month fee.

Fast, Reliable, Easy to Use

ArkHub provides low-cost storage with a simplified pricing model, the same or better functionality, reliability and ease of use compared to the current major public cloud storage providers of deep archive solutions.

MediaHub has a key foundational layer of connectivity (FibreHub) that allows for zero ingress / egress fees. FibreHub's high speed infrastructure reaches all of the major media broadcasters and Australian datacentres.

ArkHub is a 'vendor backed' solution utilising the Hewlett Packard Enterprise's (HPE) Apollo 4000 Systems with Scality RING Scalable Storage, complete with 'self-healing' capabilities. The technology powering ArkHub is used by over 500 million 'end-users' worldwide with over 800 billion objects in production. The ArkHub system has multi-Exabyte scalability, is optimised for Enterprise Cloud environments and is 'always-on' with a 100% availability SLA and 14x9 durability SLA.

Highlights

Simple Pricing Model

- Only Monthly Storage Costs Charged
- No Data Ingress, Egress or Retrieval Costs
- No Early Deletion Costs
- No Support Costs

ArkHub Reliability

- 14 x Nines Durability
- 100% Availability SLA
- Data is synchronously stored across a minimum of three AU datacenters

ArkHub Support

- Dedicated Care Service
- Remote Assistance
- Cloud Monitoring
- Designated Engineer
- Quarterly review and auditing

Technical Specifications

- Millisecond Access Latency
- Full S3 (AWS) Compatibility
- Supports SSL for data in transit
- All Data is encrypted at rest
- Supports SMB/CIFS, NFS, S3, & REST file access protocols
- Supports File, Object and OpenStack data formats
- ISO 27001 Compliant





Additional Benefits of ArkHub

- Storage is 100% disk based, (not tape based)
- All client data is stored on shore, along with specific IP and entry points
- Supports all of the main and over 100 independent software vendor backup solutions
- All clients will have access to the most premium dedicated care services (customer support)
- All clients will be provided with an inbuilt management layer to allow for self-management of their content 24x7

ArkHub Services

Service	Description
Archive Storage	Data is synchronously stored across a minimum of 3 physical datacenters
Archive Storage with 2 nd Copy	Two copies of data are synchronously stored across a minimum of 3 physical datacenters.
Inflight Encryption of Data	Encryption using SSL for data in transit
Advanced Inflight Security	Next level high security physical and Layer 1 protection for data in transit
Bandwidth Burst	Bandwidth burst options up to 10GB/s
Media Asset Management	Media Files can be transferred from ArkHub to CacheHub, 'Managed' and Transferred back to ArkHub
FlexHub Transcoding Services	Data files can be transcoded / converted prior to data storage or any time after
Secure Internet Transfer to ArkHub	Provides secure and Fast, Geo-Diverse data storage file transfers over Open Networks, using Caton 'Cydex'
NAS Archiver	Identify and migrate inactive NAS data automatically and transparently to ArkHub

ArkHub Comparison

	 VIDEO & DATA DEEP ARCHIVE	 Amazon S3 Glacier	 Microsoft Azure Blob Archive - GRS	 Google Cloud Coldline
Base Storage Cost	✓	✓	✓	✓
No Retrieval Cost	✓	✗	✗	✗
No Early Deletion Fees	✓	✗	✗	✗
No Data Ingress Costs	✓	✗	✗	✗
No Data Egress Costs	✓	✗	✗	✗
No Comprehensive Business Support Costs	✓	✗	✗	✗
'14 x Nines Durability'	✓	✗	✓	✗
No minimum Storage Duration	✓	✗	✗	✗
Millisecond Access Latency	✓	✗	✗	✓
100% Availability SLA	✓	✗	✗	✗