



PORTFOLIO: IZO™ CLOUD STORAGE - ARCHIVAL STORAGE

# LONG TERM, ARCHIVAL DATA STORAGE FOR COMPLIANCE NEEDS

**HIGHLY SCALABLE ARCHIVAL STORAGE THAT HELPS MANAGE RISK. EQUIP YOUR ENTERPRISE WITH AN INTEGRATED STORAGE SUITE TO MEET ALL YOUR DATA DEMANDS**

IZO™ Cloud Storage – a private, secured and open architecture platform provides your business with a solution for long term archival through its highly available, scalable and resilient object storage platform.

The platform is fully managed, supported and managed by 300+ professionals working 24/7/365 to meet enterprise-grade SLAs plus up to 99.99% platform availability.

## WHY ARCHIVE DATA?

- Legal compliance – audits and regulatory clauses often make it imperative to preserve your organisations’ data for a long time. When retaining data securely for many years it’s important to have a cost-effective solution
- Improved performance – retaining a high volume of infrequently accessed data in the production system can lead to memory and performance overheads. Archiving the infrequently used data on a separate infrastructure can mitigate performance issues
- Data visibility – maintaining a data archival strategy ensures users across your organisation have complete visibility into information, and knowledge about authorised access
- Disaster recovery – archived data can become helpful for recovery in case of disasters

### Benefits of storing archived data in the cloud

Traditionally, data was stored on tapes and magnetic drives – but object storage in the cloud is now rapidly accelerating. Operating costs associated with tape libraries and long retrieval hours are often prohibitive. The cost-effectiveness, ease of use and improved productivity offered by object storage is making it the preferred solution for many organisations.

### What is IZO™ Cloud Archival Storage?

The IZO™ Cloud Storage – Archival Storage solution uses object storage technology, allowing applications to connect to object storage platforms through RESTFUL APIs like HTTP puts and gets over TCP/IP.

Each object has metadata associated – unlike a file system where actual data and metadata are separate. This is the solution best suited to use cases such as backing up and archival of infrequently accessed data.

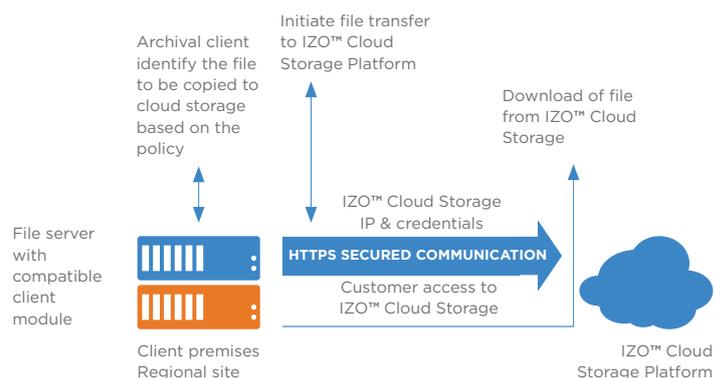
VALUE PROPOSITIONS	TATA COMMUNICATIONS	PUBLIC CLOUD PROVIDERS
End-to-end solution from a single provider, through integration of TATA ICS, Tier 1 network, security and DC infrastructure	✓	✗
Integrate into other suite of services Tata Communications offers such as media ecosystem offerings	✓	✗
Fully managed Security through in-house SOC, including secure network options (MPLS, dedicated ethernet), dedicated firewalls & encryption of data	✓	✗

## Why IZO™ Cloud Storage – Archival Storage solution?

Powered by SwiftStack, IZO™ Cloud Storage is a private, secure and open architecture object storage platform hosted in our secure Tier 3 data centres and built on our secure Tier 1 fibre network with no single points of failure. Connected through Tata Communications’ Tier 1 network services, it allows your organisation to integrate with existing archival solution platforms with swift API or S3 API.

### Features:

- Performance is backed by an enterprise-class SLA and is monitored 24/7/365
- Complete data protection at rest and in transit
- Predictable monthly storage costs are based only on the volume of total storage used, with zero read/write and other transaction costs
- Reduces CAPEX costs for on-premise equipment and paves the way for the migration of other elements of the workflow to the cloud



### Use case scenario:

SCENARIO	HOW DOES IT WORK?	WHAT DOES CUSTOMER GET?
Client looking for cost effective way of data archival from their multiple office premises and regional sites	<ol style="list-style-type: none"> <li>1. Archival client is configured at the client premises with archival job policies, source and destination</li> <li>2. This client integrates with the client host and cloud storage platform</li> <li>3. Files can be restored by the client on need basis</li> </ol>	Tata Communications solution: <ol style="list-style-type: none"> <li>1. IZO™ Cloud Storage client - installed on a server or a group of servers</li> <li>2. IZO™ Cloud Storage infrastructure</li> <li>3. Connectivity to access the platform</li> </ol>

For more information, visit us at [www.tatacommunications.com](http://www.tatacommunications.com)

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