



## DataParser & Immutable Storage for Azure Blobs

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Microsoft's Immutable Storage for Azure Blobs is a breakthrough for financial and other institutions to retain data in Azure and be compliant with SEC, FINRA, CFTC and other regulations. To simplify the writing out of data to Azure, 17a-4 has incorporated the Azure Blob Storage interface into its DataParser compliance software.

17a-4's DataParser is a modular solution designed to meet the requirements of clients with regulatory and security policies. The DataParser is used to collect third-party data, messaging and collaboration content, format the data and deliver it to a compliance archive for retention and e-discovery. With 20+ modules supporting varied data types from SQL databases to SharePoint and Teams.

The integration with Azure allows users to bring regulated data into Azure Blob storage and take advantage of the WORM/immutable policy feature. DataParser is configured to point to a file location or SQL database to extract the data and the records are formatted and uploaded to Azure's archive. The DataParser ensures the 'chain of custody' for the data including a hash code validation and an encryption key if appropriate.

### Leveraging Azure Storage Features

- Two types of WORM/ immutable policies: time-based retention and legal holds
- Storage Tiers offer three different levels to handle storage regulations: hot, cool, and archive
- WORM/ immutable policies are independent of the storage tier and apply to all content
- Data can be moved across blob tiers while keeping it in the immutable state

### DataParser Configuration

- Indicate the account and folder destination for data
- Select the location of the Azure cloud: EU, Asia, Australia, etc.
- Set the immutable retention period
- Set encryption methodology if applicable

### Monitoring Azure Exports

To monitor the export and ingestion process, reports are available. Graphs that show the total amount of data exported to and ingested by Azure can be reviewed by compliance and provided to regulators if needed.



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