

Transform mainframe investments with Syncsort and Microsoft

Easily integrate today's on-prem data into Microsoft Azure unlocking the value of all your enterprise data

Drive Transformation: Syncsort and Microsoft

Modernizing your infrastructure shouldn't mean abandoning the mainframe applications your business has relied on for decades. Data sources, such as the mainframe, provide the context and meaning that you need for accurate customer insights, predictive analytics, fraud detection, risk assessment, and more. However, with limited resources and high complexity – valuable insights from mainframe data is not easily incorporated with modern infrastructure.

There is no reason to choose between innovation or your current technology investments. Syncsort Connect, together with Microsoft, enables you to take advantage of enhanced functionality, flexibility, and security, offered in cloud and hybrid environments without losing valuable insights from the mainframe. Gain all the benefits of moving some or all mainframe workloads, applications, and databases to the cloud, while still maintaining your existing investments as you prepare for more consumption of cloud-based solutions.



Bridge Infrastructure Gaps

Increase the efficiency and time to value of migrating mainframe data to the cloud with Syncsort Connect. Syncsort's proprietary approach and over 50 years of mainframe experience, means direct access to VSAM files, COBOL Copybooks, IMS data, mainframe fixed and sequential files, and Db2 data – examples of Syncsort Connect's unique capabilities include:

- No installation of software on the mainframe needed to restructure mainframe data into readable formats for use with Azure services
 - VSAM connections via: FTP, FTPS, Connect:Direct
 - Db2/z connections via: ODBC or JDBC
- Leverage existing metadata including copybooks to meet tightening SLAs
- Convert packed decimal, zoned decimals to readable formats
- Handle COBOL high/low values upon ingestion
- Quickly and easily convert EBCDIC to Unicode
- Handle REDEFINES in COBOL copybooks
- Ingest OCCURS DEPENDING ON variable length arrays

Syncsort's approach to mainframe means that you can build critical links between your legacy systems and Microsoft Azure services, including:

- Cloud data warehouses (Azure SQL Data Warehouse and Snowflake on Azure)
- Compute clusters (Azure Databricks, Azure HDInsight and Hadoop on Azure)
- Azure SQL Database
- Object storage (BLOB, ADLS Gen1 and ADLS Gen2)
- Distributed messaging systems (Kafka on Azure)

Performance and Scalability

Syncsort Connect is highly-efficient software with a small footprint, yet delivers the comprehensive features required to manage, secure, and govern modern data architectures. With its, “design-once, deploy anywhere” architecture, Syncsort Connect enables you to easily integrate into your next wave investment without the need for re-design, re-compiling or re-work. Move workflows where you need them at a click of a button:

- Development to production
- On-premises to cloud
- From one cloud to another

Keep your data in sync within Microsoft Azure applications without overloading networks, affecting source database performance or requiring specialized skills.

Syncsort Connect Highlights

- Break down data silos, connect mainframe investments to Microsoft Azure Services in minutes
- Real-time delivery from mainframe to feed business applications and analytics
- Never code or tune for new workflows with a design once, deploy anywhere approach
- Connect CDC is the industry's only guaranteed data delivery solution for change data capture
- Directly access and understand VSAM files, COBOL Copybooks, IMS data, mainframe fixed and sequential files and Db2 data

Syncsort Connect

Syncsort Connect’s goal is to help you gain strategic value from all enterprise data by delivering information when, where and how it’s needed. Once a data integration workflow is built, Syncsort Connect enables you to adjust workflows depending on the source and target with no coding or tuning. Syncsort Connect helps to ensure that you are creating processes that are future-proofed and scalable with your Microsoft Azure initiatives.

With the Syncsort Connect product family, you can easily perform the following activities within your business:

- Change Data Capture
- Cloud Application Integration
- Data Integration
- Data Warehouse Offload
- Database Replication
- ETL/ELT
- High-Performance Data Ingest/Loading
- Mainframe Offload
- Streaming Data Pipelines
- Hadoop, Kafka and Spark Data Integration