



Mainframe Data Integration with Attunity Replicate and Azure



It is estimated that 80 percent of the world's corporate data resides or originates from mainframe applications. Integrating this data with a modern data platform has been a challenge. Until now.

Using Attunity Replicate, organizations are realizing more value from their mainframe data by moving it in real-time to Azure SQL DW, Azure HDInsight and/or Azure Event Hubs. Attunity Replicate is innovative software that accelerates data integration from mainframe data and > 40 other sources to Azure. Using Attunity's change data capture (CDC) technology, Attunity Replicate continuously integrates mainframe data with additional data on the Azure data lake without the need for any custom development.

How Attunity Replicate Works

Attunity Replicate extracts data from > 40 sources including DB2 z/OS, IMS, or VSAM as well as mid-range IBM DB2 for iSeries (DB2/400; iSeries; AS/400) and IBM DB2 LUW in real-time using Attunity's change data capture (CDC) technology. For DB2 z/OS users, Attunity Replicate utilizes the IBM DB2 ODBC driver for low impact, high-performing, secure and reliable connectivity. The driver supports in-transit data encryption and access authentication and is used for the following access methods:

- Metadata retrieval
- Initial upload of data tables
- External, user-defined function with access to the database logs

FEATURES

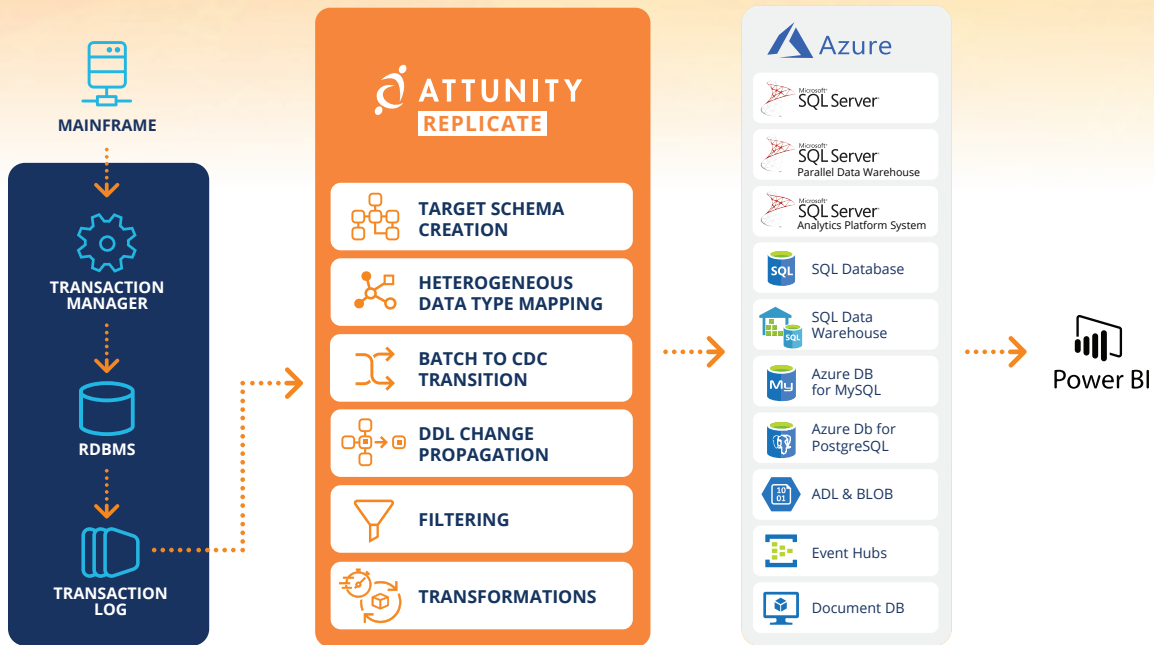
- Works with mainframe DB2 z/OS, IMS DB and VSAM data sources
- Supports midrange IBM DB2 and IBM DB2 LUW
- Low impact change data capture
- Doesn't require hand-coding or special developer skills for IBM DB2 sources
- Delivers mainframe data to Azure SQL DW, Azure HDInsight and/or Azure Event Hubs

BENEFITS

- Unleash mainframe data for new analytics initiatives
- Improved mainframe data source performance
- Reduction in costly MIPS
- Enable innovation initiatives on Microsoft Azure

USE CASES

- **Data analytics initiatives** – work with mainframe data for cloud analytics projects
- **Data-driven augmentation** – use mainframe data in digital transformation initiatives
- **Offload** – migrate mainframe data to a more cost-effective platform



It's a New Day for the Mainframe

With Attunity Replicate, you can unlock your mainframe data without incurring the complexity and expense that come with sending ongoing queries to the mainframe database. Attunity delivers data in real-time to the most demanding use cases. Azure users can rest assured that you are leveraging the broadest possible collection of data sources and targets, while ensuring true enterprise-grade functionality. Working together, Attunity and Microsoft help you to put mainframe data right at the heart of your business.

The Attunity and Microsoft Strategic Partnership

Attunity and Microsoft have been business partners for over twenty years. From the early days of providing change data capture (CDC) for Microsoft SQL Server Integration Services to providing data replicate solutions for Azure, Attunity and Microsoft have been working closely together. For more information visit www.attunity.com/microsoft.