

TRANSFORM MAINFRAME DATA QUICKLY AND AFFORDABLY FOR INTEGRATION WITH BI, ANALYTICS AND CLOUD APPLICATIONS

Eliminate dependence on cumbersome and slow mainframe methods with Model9's powerful cloud-based data transformation

OVERVIEW

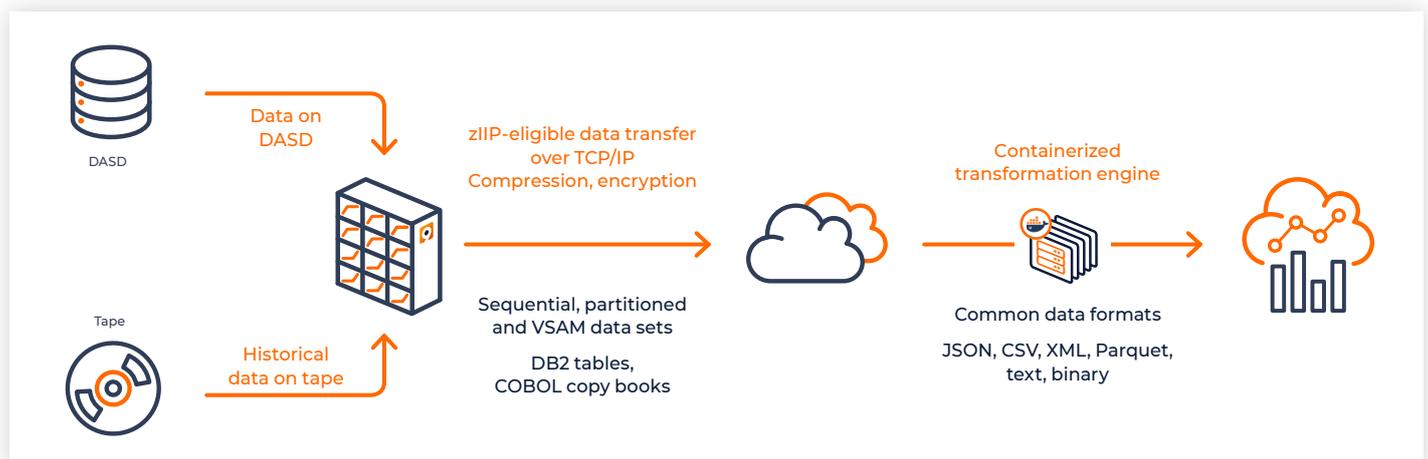
The mainframe's role in modern enterprises remains critical. However, the information silos created by the mainframe and the specific ways its data is formatted and stored weigh on businesses by reducing data sharing. This limits your ability to integrate mainframe data in data analytics to gain business insights.

Transforming mainframe proprietary data types to common data formats widely used and accessible by distributed systems and cloud applications can enhance the potential for data integration, a significant advantage for enterprises. Until Model9, transformation had to be done on the mainframe, in close proximity to the data, which required deep mainframe skills and increased MIPS consumption. Model9 is different.

THE SOLUTION: SECURELY MOVE MAINFRAME DATA TO THE CLOUD AND TRANSFORM TO COMMON DATA PROCESSING FORMATS

Model9 delivers mainframe data to the cloud in a secure and efficient way. While the data is in the cloud, it is then transformed to common formats that can be applied to data analytics & BI tools. The solution includes:

- **Minimal mainframe impact** - Unlike other options, Model9 does not incur billable MSUs, and instead uses zIIP engines to drive data movement over TCP/IP. The actual data transformation then occurs at the cloud destination.
- **Rich set of data sources** - Model9's transformation capabilities include most common mainframe databases and unstructured data types such as DB2, VSAM, partitioned, and sequential data sets.
- **Application-aware transformation** - Model9 supports using COBOL copy books to parse data set records into fields. Additionally, transformation can be triggered and managed from any location, at petabyte scale.
- **Flexible output formats** - Model9 supports common data processing formats such as JSON, XML, CSV, text and binary files, which can be easily integrated with common data lake implementations, cloud databases and analytics platforms
- **Run on premises or in cloud** - Actions are invoked via a RESTful API, the Model9 management UI, as well as traditional mainframe JCL

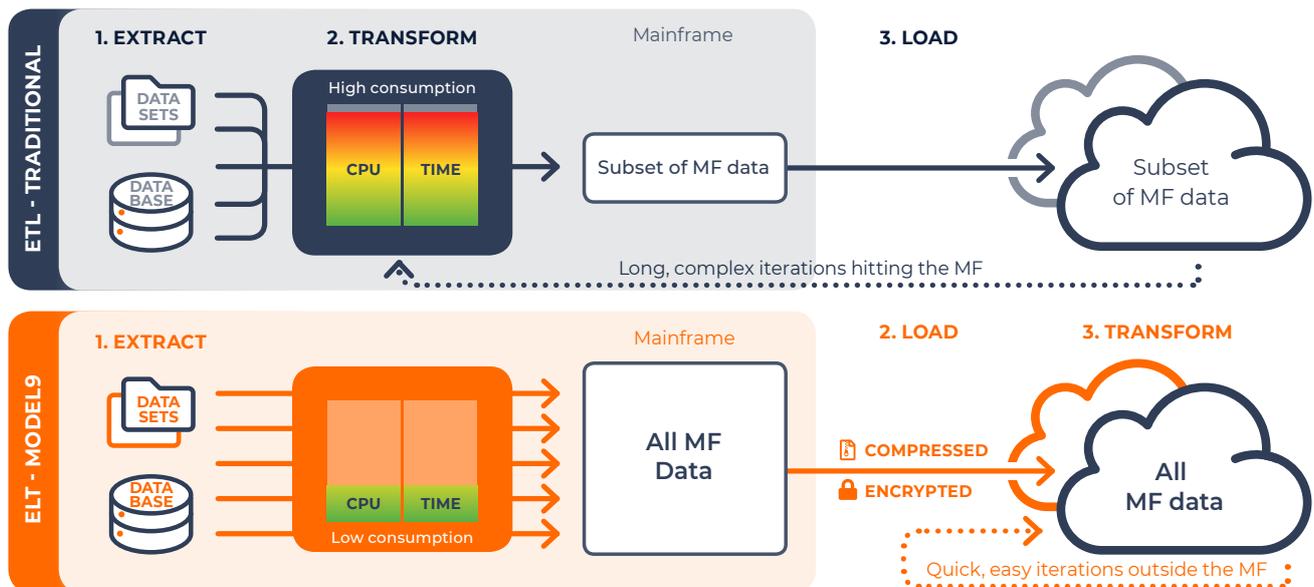


WHY CHOOSE MODEL9?

Unlike Change Data Capture (CDC) based solutions, which focus on replicating updates primarily in databases, Model9 Cloud Data Manager for Mainframe transforms a wide range of data types and is adding more all the time. And because it operates without the need for mainframe processing, it has no impact on online or batch windows. Both live data from disk and historical data on tape may be directly delivered and transformed in the cloud.

Model9 data transformation employs the ELT (extract, load, transform) architecture, in which data is delivered in its original format and the more compute-intensive transformation work is handled on the target platform in the cloud. This contrasts with the older ETL (extract, transform, load) approach, traditionally used for data transformation tasks, which depends heavily on mainframe CPU processing prior to data movement.

ETL VS. ELT - MODERN MAINFRAME DATA TRANSFORMATION IN THE CLOUD



COMMON USE CASES

- **Enhance cloud applications:** With access to mainframe data, cloud-based online applications can leverage recent and historical customer data to make suggestions for additional purchases; banking applications can invoke long-term customer history to inform preliminary loan approvals or provide better product recommendations.
- **Empower analytics and BI services in the cloud:** Modern analytics are continually churning through data sets to refine understanding of customers, markets, and other business problems. Access to deeper historical data as well as recent mainframe transactional data can lead to sharply improved results that can inform better business decisions.
- **Enrich your data lake:** Cloud-based data lakes combine and consider many sources of information. But without mainframe data, they are often limited in their ability to yield results that matter to business decision makers.
- **Accelerate mainframe data transformation projects:** Traditional ETL-dependent processes required picking data sets one-at-a-time. With Model9, movement to the cloud is fast, transformation in the cloud is easy, and the process is highly scalable.



MODEL9 CLOUD DATA MANAGER FOR MAINFRAME IS THE ANSWER TO YOUR DATA INTEGRATION CHALLENGE!

FOR MORE INFORMATION OR TO BOOK A DEMO: CONTACT@MODEL9.IO, WWW.MODEL9.IO