

ACCELERATE MIGRATION TO THE CLOUD WITH MODEL9

Move, transform and integrate mainframe data easily & cost-effectively

OVERVIEW

Migrating mainframe applications and data to the cloud has long been seen as challenging and expensive in terms of human resources and billable MIPS; not something to be undertaken without considerable planning and an ample budget. It is also risky and projects often fail or take far longer than planned. As a result, mainframe data is often left inaccessible to modern, cloud-based analytics tools and applications. Just as bad, ongoing maintenance and support of data in a proprietary environment require a substantial and continual investment in hardware and software to support tape-based storage.

Now, Model9 reduces risk and enhances your success by making it practical to discover, move, transform and/or integrate your data to meet your evolving needs and renewing skill sets. Whether to support replatforming or refactoring an application, to broaden storage options, or simply to enhance data sharing, Model9 delivers your data when and where you need it quickly and affordably.

THE SOLUTION:

LEVERAGE zIIP ENGINES AND TCP/IP TO MOVE, TRANSFORM, AND INTEGRATE MAINFRAME DATA

Model9 has taken a new cloud-based and innovative approach to mainframe data migration, leveraging a highly effective process to access and route data, which can then be securely moved over TCP/IP to a cloud destination. Further processing (transformation) if needed or desired, occurs there. The solution includes:

- **Automatic discovery** – A data set import policy provides rapid automatic discovery of disk and tape data sets to facilitate migration at petabyte scale.
- **Data movement and transformation** – By relying on an extract, load, transform (ELT) process rather than the traditional, mainframe-dependent extract, transform, load (ETL), data can be moved rapidly and transformed into common data formats in the cloud.
- **Access and integration with cloud applications and analytics tools** – At a cloud destination, Model9 can continue to update data sets and make them available through transformation to common data processing formats such as JSON, XML, CSV, text and binary files, which can be easily integrated with data lakes and analytics platforms. Additionally, the data can be made available for reuse by the mainframe.
- **Lifecycle Management** – Supports tiering of data in the cloud to minimize storage costs and data can be automatically expired based on agreed retention policies.

COMMON USE CASES

- **Maintain and access data after migrating.** Companies that have chosen to move to a new platform wonder what to do about older, historical mainframe data. With Model9, you can maintain and access this data on a cloud platform to meet corporate needs and regulatory retention mandates without the high cost of tape and mainframe maintenance.
- **Empower new analytics and applications.** Organizations that have invested in cloud applications and analytics often wish they could enhance these activities with rich mainframe data. Until now, moving and transforming that data has been too challenging. With Model9, mainframe data can be moved to the cloud without incurring billable MSUs, and readily transformed into most common data formats.
- **Accelerate cloud migration projects** - reduce complexity and risk of cloud migration projects by leveraging non-MF skills, automatic discovery and integration of all MF data types with cloud data lakes, databases or data warehouses.

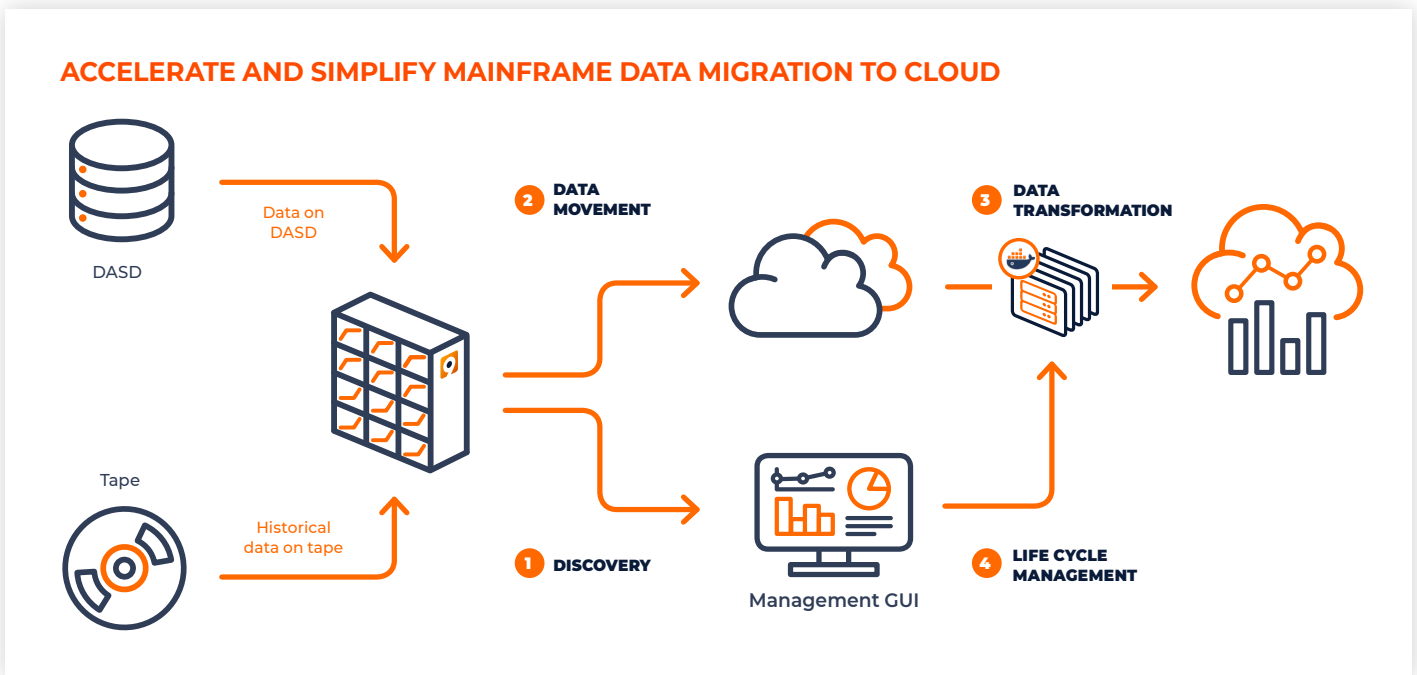
TECHNOLOGY OVERVIEW

Whether complementing an application movement or simply applied to a need to relocate data, Model9 can handle the movement, transformation, and integration of almost any form of mainframe data. 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.

All mainframe data set attributes are preserved as metadata in the cloud, so you can test your move or transformation as often as needed without “going back” to the mainframe.

Although appreciated by mainframe professionals for its power and ease of use, Model9 does not require specific mainframe skills, so non-mainframe people can employ it without difficulty.

Additionally, ELT is efficient and flexible, making the best use of resources and offering the widest application of data.



Data migration with Model9 Cloud Data Manager for Mainframe is intuitive and easy, ensuring its effectiveness as a tool for data migration. Additional capabilities include:

- **Data mapping** - Model9 can rapidly assemble and map all data, expediting both planning and data movement
- **Policy-driven** - Model9 allows policies to be set that can move some data sets or all data sets automatically, reducing oversight and management requirements dramatically compared to other data movement methods
- **Application-aware transformation** - Model9 supports using COBOL copybooks to parse data set records into fields. Whether refactoring, rehosting, or rearchitecting, Model9 can help with the crucial step of getting your data where you need it and into the correct form and format. Model9 Cloud Data Manager for Mainframe is the answer to any mainframe data movement challenge!



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