

MODERNIZE YOUR MAINFRAME. BREAK FREE OF TAPES. BENEFIT FROM CLOUD ECONOMICS AND ANALYTICS.

Model9 securely delivers mainframe data to any cloud or on-premises storage platform, eliminating physical and virtual tape alike, and enabling secure integration with advanced analytics tools.



REPLACE VTL WITH HYBRID CLOUD STORAGE

Deliver mainframe data efficiently and securely to the cloud using a software-only solution



MODERNIZE YOUR MAINFRAME

Monetize unlocked mainframe data as it enriches BI and cloud analytics tools while strategically aligning with digital transformation, cloud adoption, and DevOps initiatives



CUT COSTS BY 50% OR MORE

Manage mainframe data using cost-effective cloud technology running on zIIP engines, slashing MSU and storage costs with no lock-in

COMMON USE CASES

Replacing VTLs and tape management software

Model9's software-only paradigm replaces costly tape hardware, such as VTS or VTL, with any cloud or open storage system, replacing multiple software licenses with a single, unified solution. Once data is not on proprietary tapes anymore, it can also be accessed from cloud applications and BI tools.

Monetize mainframe data in the cloud

Leverage current and historical mainframe data freed from proprietary storage for use by BI and cloud analytics tools. Mainframe data stored in object storage on-premises or in the cloud can be extracted, transformed, and accessed by standard cloud analytics and ETL tools without requiring any access to the mainframe.

Cloud backup, archive, and DR

Implement BaaS and DRaaS directly from the mainframe to any cloud or on-premises storage system, performing backup, archive, and DR using object storage. This also allows efficient long-term archiving using cold storage services such as AWS Glacier, and when disaster strikes, data can be remotely restored directly from the cloud.

Enabling Write-Once Read-Many (WORM) backup

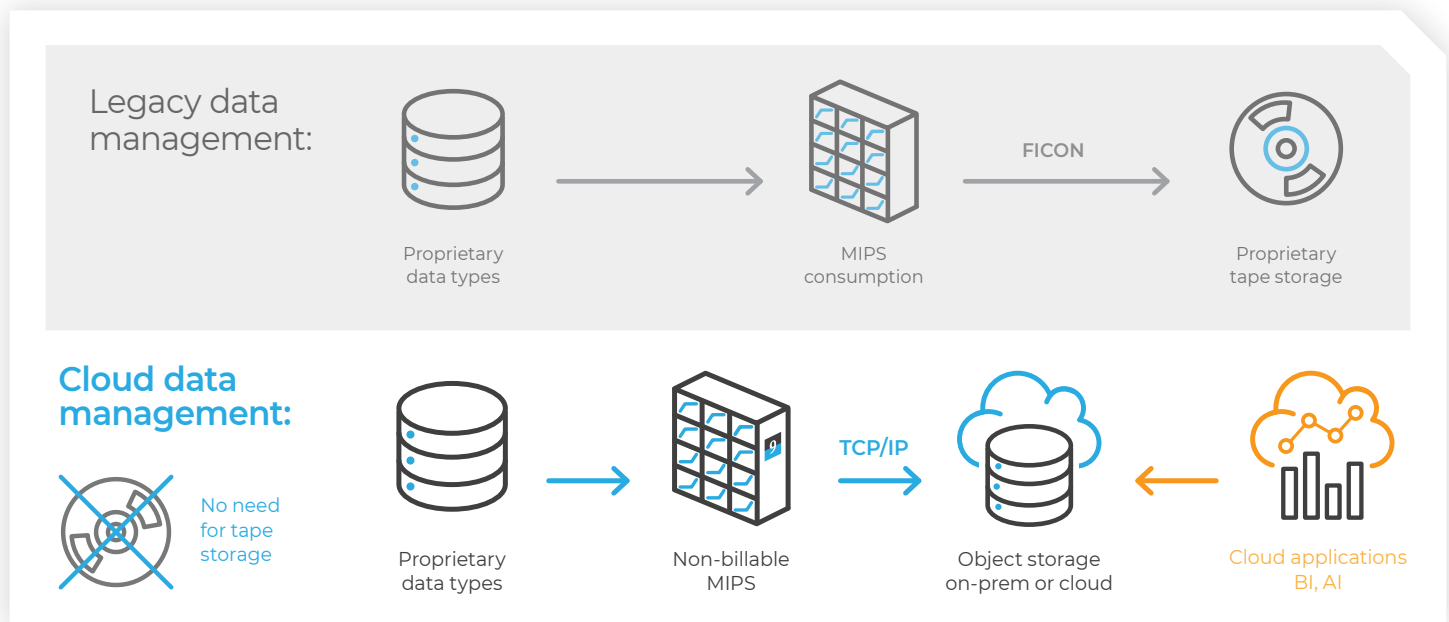
Utilize modern secure storage solutions, such as WORM backup, to protect mainframe data from accidental corruption and cyber attacks.

Supported Hybrid Multi-Cloud Platforms



TECHNOLOGY OVERVIEW

The Model9 Cloud Data Manager architecture consists of a zIIP-eligible agent running on z/OS and a management server running in a Docker container on Linux, z/Linux, or zCX. The agent reads and writes Mainframe data from DASD or tape directly to cloud storage over TCP/IP using DFDSS as the underlying data mover. Other standard z/OS data management services are also used by the agent, such as system catalog integration, SMS policy compliance, and RACF authorization controls. Compression and encryption are performed either using zEDC and CryptoExpress cards if available, or using zIIP engines.



KEY FEATURES

- Provides storage, backup, archive, and full volume dumps directly to object storage, on-premises or in the cloud, requiring no additional hardware, software, tape emulation or interim disk storage
- Offloads over 90% of data management processing to zIIP engines
- Runs side-by-side with existing backup and tape management software for simplified migration
- Supports compression and encryption using native mainframe hardware such as zEDC, Crypto Express, and zIIP
- Supports quick and easy stand-alone restore (bare-metal recovery) with a restore program that is IPL-ed directly from cloud storage
- Managed through a modern and intuitive web-based GUI
- Provides batch and TSO/E commands for all functions
- DFSMS-compatible - does not require redefinition of storage management policy
- SAF-compliant, integrates with existing mainframe security software for user authorization control

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