



## MODEL9 MANAGER

### CLOUD-NATIVE MAINFRAME DATA PROTECTION AND DATA MANAGEMENT

Backup, archive, space management, and disaster recovery - directly from the mainframe to the cloud

#### PRODUCT OVERVIEW

Data protection and data management on the mainframe are complex and costly. The creation of backup and archive copies, as well as the setup of disaster recovery (DR) sites, involves the usage of expensive CPU cycles, pricey disk/tape storage, and proprietary communication channels.

Model9 Manager provides backup, archive, space management, disaster recovery and storage management capabilities, all delivered directly from the mainframe to the cloud, thus eliminating the need for inconvenient tape libraries and their complex management software. Data transfer is efficient, and using cloud storage provides advantages such as flexibility, reliability and data sharing, among many others.

#### BENEFITS

- ◆ Keep mainframe data protected, with cloud-based backup, archive and DR functionalities
- ◆ Shorten time-to-value through efficient usage of compute, network and storage resources, on the mainframe and in the cloud
- ◆ Replace costly proprietary tapes and VTLs with affordable cloud storage services
- ◆ Reduce risk, as mainframe applications do not need to be modified
- ◆ Further cut costs by reducing expensive mainframe CPU consumption, and by avoiding the need for multiple software licenses

#### OFFERING STRUCTURE

Model9 offers a suite of Cloud Data Management for Mainframe products. All products are built on top of the Model9 Cloud Data Platform, an operating environment which includes a full set of core data management functions.

In addition to **Model9 Manager**, the suite also includes **Model9 Gravity**, which connects mainframe data with cloud based AI/ML & analytics applications, and **Model9 Shield**, which provides protection from cyber threats.



#### Model9 Gravity

Make your mainframe data actionable by connecting it with cloud AI/ML & analytics



#### Model9 Shield

Protect your mainframe data from cyber threats



#### Model9 Manager

Provide cloud native mainframe backup, recovery and data management

#### Model9 Cloud Data Platform

Scale

Security

Availability

Reliability

Data  
Movement

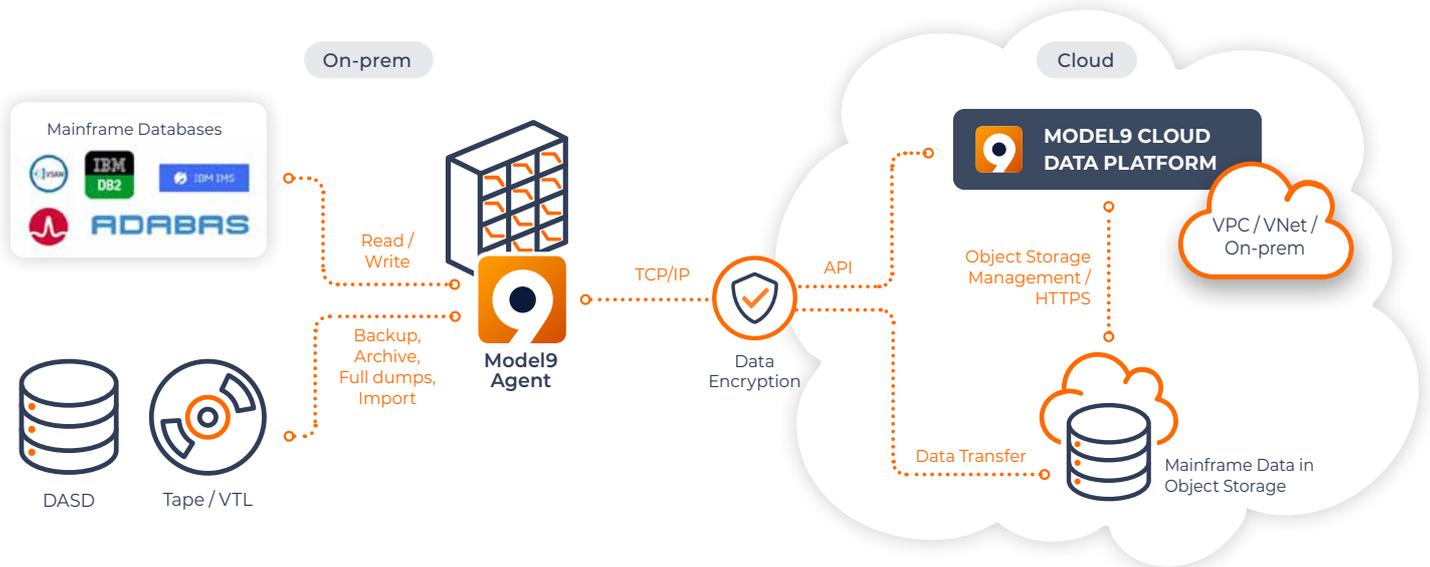
ELT

Management

Web-based  
UI

## PRODUCT ARCHITECTURE

Model9 Manager is comprised of two components - a zIIP-eligible agent running on z/OS and a management server running in a Docker container on Linux, Linux on Z, or zCX. The agent reads and writes mainframe data from DASD or tape directly to cloud storage over TCP/IP. A data set import policy provides automatic discovery of tape data sets and facilitates transferring large amounts of tape data to the cloud.

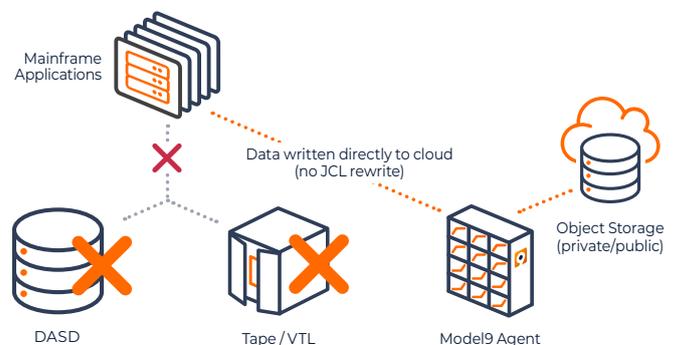


## FEATURES

- ◆ Transfers mainframe data directly to object storage, on-premises or in the cloud, requiring no additional hardware, software, tape emulation or interim disk storage
- ◆ Runs side-by-side with existing backup and tape management software for simplified migration
- ◆ Provides all the advantages of cloud storage over on-prem storage: flexibility, reliability, convenient sharing of data, and elimination of maintenance & updates hassles
- ◆ Includes tools for lifecycle management, retention and expiration of data in the cloud
- ◆ Supports standalone restore with a program that is IPLed directly from cloud storage
- ◆ DFSMS-compatible – does not require redefinition of storage management policy
- ◆ Offloads data management processing to zIIP engines, thus significantly reducing CPU consumption
- ◆ Mainframe storage agnostic: supports any DASD and any tape system
- ◆ Cloud agnostic: runs on any cloud, public or private, including AWS, Azure, GCP, HCP and IBM
- ◆ Automatically discovers and migrates both active and historical data to the cloud
- ◆ Ensures quick delivery from the mainframe to the cloud, using a set of techniques such as parallel processing, data compression, and load balancing

## TAPE AND VTL REPLACEMENT

One of the most important features of Model9 Manager is based on a patented technology which intercepts the reading/writing of data to tape or VTL and redirects it to cloud object storage without requiring changes to applications or JCLs. This feature completely eliminates the need for tape/VTL, as well as the need to work with their costly and complex management software - and all that with absolutely no risk to existing business processes.



## SUPPORTED HYBRID MULTI-CLOUD PLATFORMS



FOR MORE INFORMATION: [contact@model9.io](mailto:contact@model9.io) [www.model9.io](http://www.model9.io)

