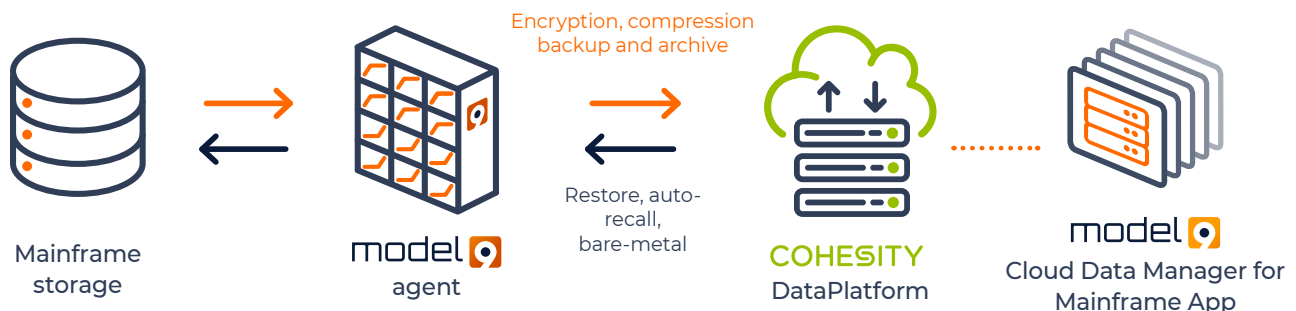


LEADING US FINANCIAL INSTITUTION ELIMINATES MAINFRAME DATA SILOS WITH MODEL9 AND COHESITY

Bank makes smooth transition from a virtual-tape architecture to a cloud data management solution

The customer is one of the largest US banking institutions of its type. They wanted to transition from a costly mainframe Virtual Tape System (VTS) to a software-defined cloud platform. Having already used Cohesity to consolidate its other data silos, the organization used Model9 to bring mainframe data into their unified Cohesity environment. The resulting solution helped modernize and unify their data management operations, while the easy-to-use Model9 software allowed them to replace expensive IBM backup and tape management software (DFSMSHsm and DFSMSrmm), and to reduce MSU consumption by 70%.

THE MODEL9 & COHESITY ENVIRONMENT



CHALLENGES

The bank's mainframe is used in support of its core customer-service functions.

The maintenance agreement for their IBM TS7720 virtual tape library, which is used for production and disaster recovery (DR) operations, was expiring, and the bank was interested in retiring this solution. In addition, they were interested in replacing their complex backup and tape management products with a less expensive option that reduces reliance on legacy Mainframe skills.

Lastly, the bank wanted to reduce MSU charges attributed to the storage management operations on their mainframe.

THE SOLUTION

In discussions between the customer, Model9, and Sirius (Model9's U.S. channel partner), the bank

expressed interest in consolidating mainframe data operations on Cohesity DataPlatform, as they had already chosen Cohesity for their overall data operations, because of its highly reliable backup, efficient file and object services, and integral security features.

The resulting solution offered the bank exactly what they needed, with unlimited scalability for future growth.

To ease the transition away from tape use in their applications, the team implemented an innovative mechanism that uses SMS and Model9 archive policies to automatically redirect tape data set allocations to reside on Cohesity, using Cohesity's multi-protocol ingest technology. This change allowed the customer to completely retire their VTS, without having to change their existing processes or policies – requiring no modifications to the organization's application code or JCL.

SOLUTION BENEFITS

- Eliminated expensive, proprietary VTS hardware and mainframe-specific data silos.
- Model9's easy-to-use web management interface enabled the customer's storage management team to retire the costly DFSMSHsm and DFSMSrmm software products, and eliminated the need for time-consuming VTS-related OAM configuration.
- Reduced billable MSU consumption for backup and space management by 70%.
- The customer utilized the solution's phenomenal deduplication capabilities to significantly reduce their data footprint - lowering costs and reducing risk.
- Eliminated the need for legacy tape technology skills.
- Positioned the company as cloud-ready, easing the path to future modernization.

RESULTS AND CONCLUSIONS

- Model9's vendor-agnostic flexibility enabled the bank to leverage their platform of choice – Cohesity – for use with mainframe data.
- The bank discontinued the use of VTS and its associated data management products, and all legacy data was migrated to Cohesity.
- A complete modernization of the mainframe environment has been achieved, as well as substantial reduction in MSU consumption leading to savings on monthly license charges.

FOR MORE INFORMATION GO TO:
model9.io/product/cloud-data-manager