

MODERNIZE AND MONETIZE YOUR MAINFRAME DATA OPERATIONS

Model9 - Hitachi Content Platform (HCP) joint solution liberates mainframe data and enables efficient cloud data management for mainframe

The mainframe's role in modern enterprises remains critical. However, the information silos created by the mainframe and the limits of legacy storage raise costs, leading many organizations to seek an alternative. One such alternative is Hitachi Content Platform (HCP) implemented as a storage tier with Model9 supporting efficient data movement and transition to and from the platform for backup, archiving, data transformation and analytics.

HCP is an object storage software solution that connects data producers, users, applications and devices into a central cloud storage platform. It simplifies the detail of the underlying storage system and presents one object view to both the user and the application.

Model9's patented technology connects the mainframe directly to HCP over TCP/IP so you can take full advantage of its massive scale, multiple storage tiers, broad interoperability and secure multitenancy.



ACCELERATE AND SIMPLIFY MAINFRAME DATA MIGRATION TO THE CLOUD

Transfer any data, current or historical, whether stored on disk or tape directly to HCP with no need for interim disk storage. An auto discovery function allows you to map and list all storage groups, volumes and data sets available for migration, and then deliver the defined data to HCP.



MONETIZE CURRENT OR HISTORICAL DATA FOR USE IN BI TOOLS AND ANALYTICS SERVICES

Mainframe data can be transformed to standard data formats and migrated to object storage in HCP without requiring any access to the mainframe. Mainframe data stored by Model9 in HCP object storage can also be extracted, transformed, and accessed by Hitachi Content Intelligence (HCI) and Pentaho Data Integration (PDI) as well as other standard cloud analytic tools.



SLASH MAINFRAME DATA MANAGEMENT COSTS BY ELIMINATING TAPES AND OFFLOADING PROCESSING TO zIIPS

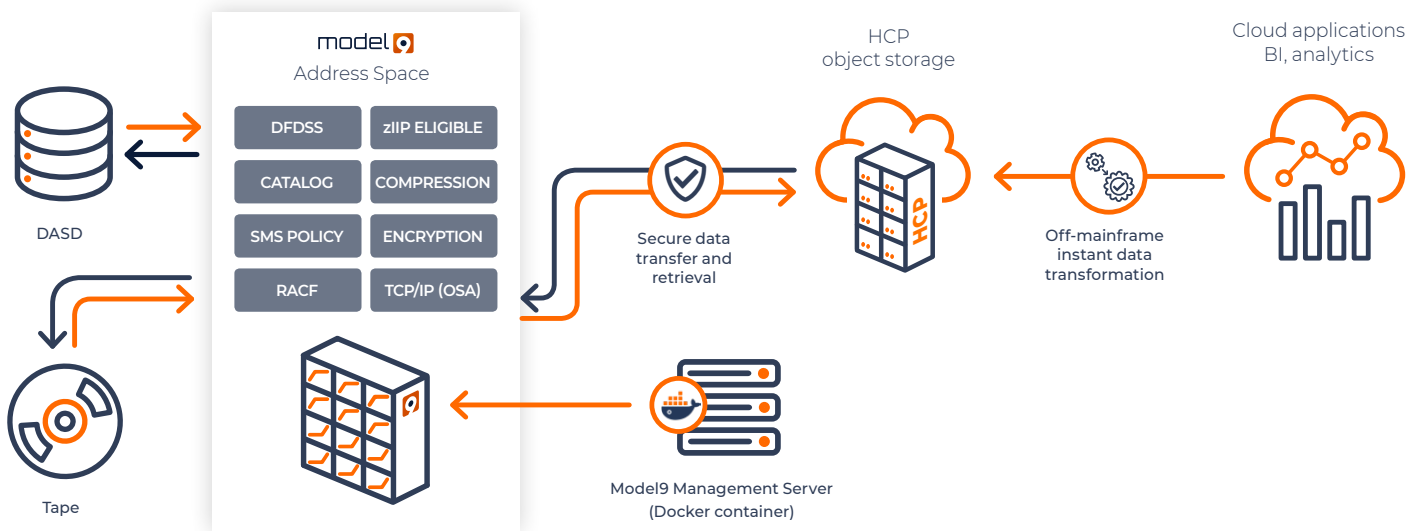
Model9's software-only paradigm saves on storage costs, software licenses, and reduces MSU consumption by 90% by offloading backup and space management processing to zIIP engines, eliminating the need for costly tape hardware and multiple software licenses and delivering data to and from HCP.



BACKUP, ARCHIVE, SPACE MANAGEMENT, AND DISASTER RECOVERY IN THE CLOUD

Model9 smooths the path to implement cloud backup and DR directly from the mainframe to HCP object storage. This allows for backup, archive, space management and DR using object storage and the complete replacement of legacy storage management software. Long-term archiving can also be handled through HCP.

MODEL9 - HITACHI CONTENT PLATFORM JOINT SOLUTION OVERVIEW

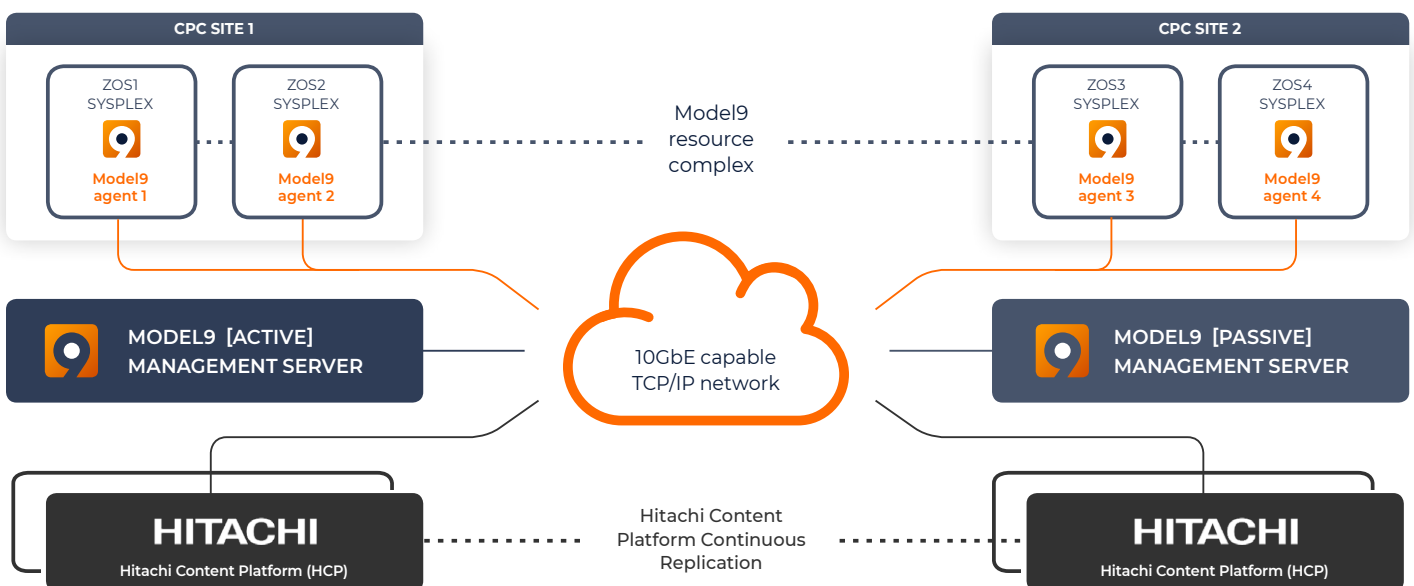


The Model9 Agent is a zIIP-eligible Java application running on z/OS. It uses standard z/OS data management services such as DFSS as the underlying data mover, updating system catalog, full compliance with existing SMS policy and relying on RACF authorization controls (or other SAF-compliant security products). When available, the Model9 Agent utilizes the zEDC and CryptoExpress cards for compression and encryption. If the cards are not available, compression and encryption are performed on zIIP engines.

The Model9 - HCP joint solution allows IT operations to move massive mainframe data archives, such as regulatory data or medical records, to cost-effective HCP object storage. In addition, Model9 provides quick access to valuable historical and statistical data – previously available solely as “cold” storage, and readable only by mainframes – for use in analytics, or in profit-oriented business intelligence initiatives.

Model9 eliminates the need for physical and virtual tapes, yet it can coexist side-by-side with legacy backup.

MODEL9 – HITACHI JOINT SOLUTION SAMPLE HA ARCHITECTURE



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