

MAINFRAME BACKUP UNTAPED

Run anywhere, use any storage, cut costs

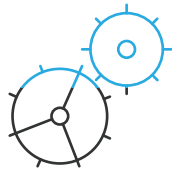
Benefit from tapeless backup and recovery, offloaded to zIIPs, using onsite open storage and Cloud storage

FEATURES



USE ANY STORAGE

including commodity NAS, SAN and Cloud



REPLACE EXISTING BACKUP SOFTWARE

with a single, complete solution



OFFLOAD PROCESSING

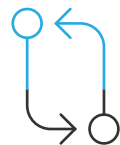
to zIIPs, IFLs and open systems

BENEFITS



CUT COSTS BY 50% OR MORE

by reducing MSU consumption and storage costs, and consolidating software licenses



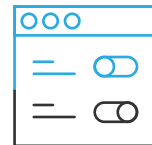
ENSURE RECOVERABILITY AND REGULATORY COMPLIANCE

with automatic recovery tests, reports and notifications



SHORTEN BACKUP WINDOWS AND RECOVERY TIMES

with more frequent, affordable snapshots



SIMPLIFY OPERATIONS

with an intuitive web user interface, graphical reports and quick installation

USE CASES



Optimize mainframe costs

Model9 replaces existing physical and virtual tape hardware and software without changing daily operations and data management processes.

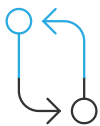
Reduce costs by:

- Offloading majority of backup and space management processing to zIIPs, IFLs and open systems
- Replacing costly physical and virtual tape hardware with any commodity storage type including on or off premise cloud storage
- Consolidating legacy backup, tape management, encryption and reporting software products into a single modern solution



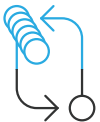
Use cloud storage for backups and archives

Store data backups and archives, as well as direct data restore and recall, to and from Cloud object storage. Model9 encrypts all data before moving it to the Cloud providers such as IBM Bluemix, Microsoft Azure, Amazon S3 and Glacier, and Google Cloud Storage.



Disaster recovery

The backup server and storage may be located at a remote site and function as an in-house vault backup for disaster recovery. In bare-metal recovery scenarios, a standalone restore program is IPLed, over network, directly from the server. The standalone restore program is used to restore volumes and data sets without requiring a live z/OS system.



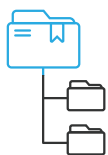
Additional recovery points

If you're using snapshot technology (such as FlashCopy) to create a consistent recovery point, Model9 lets you reuse the snapshot target capacity for additional snapshots by creating a backup copy of the snapshot. This enables you to take as many snapshots as needed using the same 'limited' snapshot target storage space. The backup copy can be used to restore a single data set, a full volume or the complete snapshot copy.



Ransomware protection

To guarantee fast business resumption in the event of a ransomware attack, Model9 can create a backup copy on WORM-certified (immutable) storage, so data cannot be corrupted. Data is encrypted end-to-end so it cannot be read without authorization. The bare-metal recovery feature ensures you can recover from the backup copy even if your live system has been compromised.



z/OS UNIX backup

Model9 supports z/OS UNIX file-level incremental backup and restore, which saves backup space and shortens backup windows. It only backs up changed files in the z/OS UNIX file system, as opposed to backing up the complete HFS/ZFS data set every time a UNIX file is changed. During restore, only the specific UNIX file is restored directly to the UNIX file system, without having to restore the whole HFS/ZFS data set first.