HORIZON DATA VAULTING

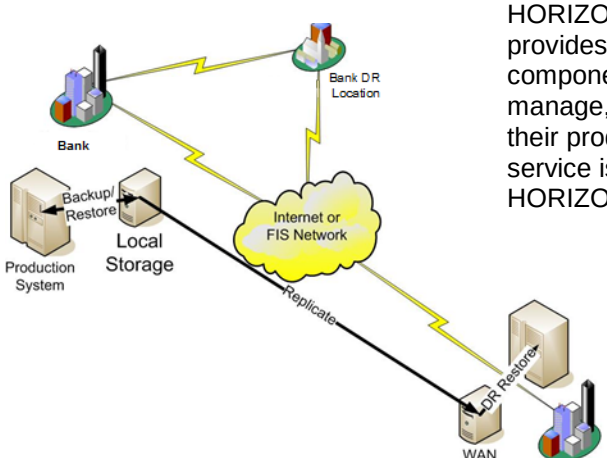
Discover the security and savings associated with automated, encrypted, electronic data backups

HORIZON Data Vaulting provides backup services that enable you to manage, store and recover your institution's production system.

Data Vaulting

With tape-based backup systems, the tapes must be transported to a local warehouse, which increases the risk of data loss and results in transportation storage costs. Recovering data requires identifying appropriate tapes and transporting them to the place where they are to be restored, either an operations center or a disaster recovery site. This process increases risk and is time consuming.

HORIZON Data Vaulting moves backups to a storage server, where everything is encrypted from the point it exits your production system to at-rest encryption on a storage server. The backups are written to local storage and replicated to off-site storage almost immediately and can be restored as simply as any tape backup. HORIZON Data Vaulting also offers added security and convenience with a redundant storage server at the FIS™ Disaster Recovery Center in Maitland, Florida. This combination of redundancy and prepositioning is not only safe, but permits a more rapid speed to recovery.



HORIZON Data Vaulting provides backup services and components for clients to manage, store and recover their production system. This service is in addition to HORIZON Disaster Recovery.

Do you use a tape-based system for data backup? If so, you're exposing your institution to the risk of data loss and manual download errors.

With HORIZON Data Vaulting from FIS, you have an easier, quicker and more secure way to back up your data. Protect your institution today!

Empowering the Financial World

FIS

Benefits

- Reduce risk and increase efficiency with automatic, encrypted, off-site data redundancy.
- Save time and reduce errors by eliminating the manual processes associated with tape backups, as well as eliminating the subsequent need to locate and load tapes.
- Eliminate courier expenses, since you no longer need to ship tapes to an off-site location.

Components

Hardware

Place Storage server (local storage) at the client site

Telecommunications

Place three network connections

- Client production system to local storage (client provided)
- Local storage to WAN storage (internet)
- WAN storage to recovery system (FIS recovery facility)

Software

- *EVault Software* from *i365*, A Carbonite company
- *EVault Agent for IBM i* – client production system
- *EVault Director* – local storage

Services

- WAN storage at HORIZON disaster recovery site
- Client local storage is replicated

Backup Processes

Not only does HORIZON Data Vaulting simplify the backup process, but we can also help you define processes that will integrate backup procedures into your daily routines.

What should be backed up?

Everything on the production system needs to be backed up. In addition, FIS recommends encrypting everything on the storage server.

The content of the production system can be cataloged and organized by application libraries, system objects, integrated file system, document file system, and production databases. These categories are further defined by their frequency of change. This organized information is then defined in the *EVault Agent for IBM i* as a series of tasks.

Consider grouping program libraries, query libraries or personal libraries, organizing it all through the *EVault Agent for IBM i*. All agent information is stored by the storage servers, so the loss of the production system does not affect the archive. The *EVault Agent for IBM i* archives all backup activities. Retention periods can be defined by task.

How is this management performed by traditional tape backup?

Manual checklists.

HORIZON Data Vaulting

HORIZON Data Vaulting offers an optimized data protection and backup solution developed specifically for HORIZON users. The *EVault Agent for IBM i* provides a reliable, easy-to-manage, cost-efficient way to protect your mission critical data, including native objects, DB2 databases, integrated files systems (IFS) and system data.

The *EVault Agent for IBM i* significantly reduces backup times – especially when compared to traditional tape-based solutions. Compression of native data typically averages 10:1, so less data needs to be transferred over the WAN and stored at the remote vault – saving time and money. It is also possible to encrypt the data prior to transmission without any special add-ons to provide maximum security.

Contact Us

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