

EVault Replication—One to One

Key Benefits

- Full redundancy of the backup service
- Automatic replication
- Flexible replication policies
- End-to-end encryption
- Delta processing
- Bandwidth throttling
- Auto failover

Get automatic replication for assured data availability.

EVault® Replication—One to One provides secure, bandwidth-optimized replication between your primary data storage location and an alternate disaster recovery location. This additional backup and recovery capability safeguards your company's critical data from site outages.

Disaster Recovery Provides Ensured Business Continuity

Replicating your backups to a disaster recovery site is fundamental to a comprehensive business continuity plan. EVault Replication—One to One helps ensure that your business can sustain operations in the wake of any disruption. Automatic failover from the primary to the alternate vault ensures uninterrupted backups and data availability.

Secure and Reliable

Completely integrated with EVault Software and EVault Software Managed Services, EVault Replication—One to One incorporates end-to-end security—your data is encrypted before over-the-wire transmission and remains encrypted during transmission and in storage on both vaults. Additionally, vault-to-vault authentication ensures that replication occurs between the appropriate vaults and prevents system “spoofing.”

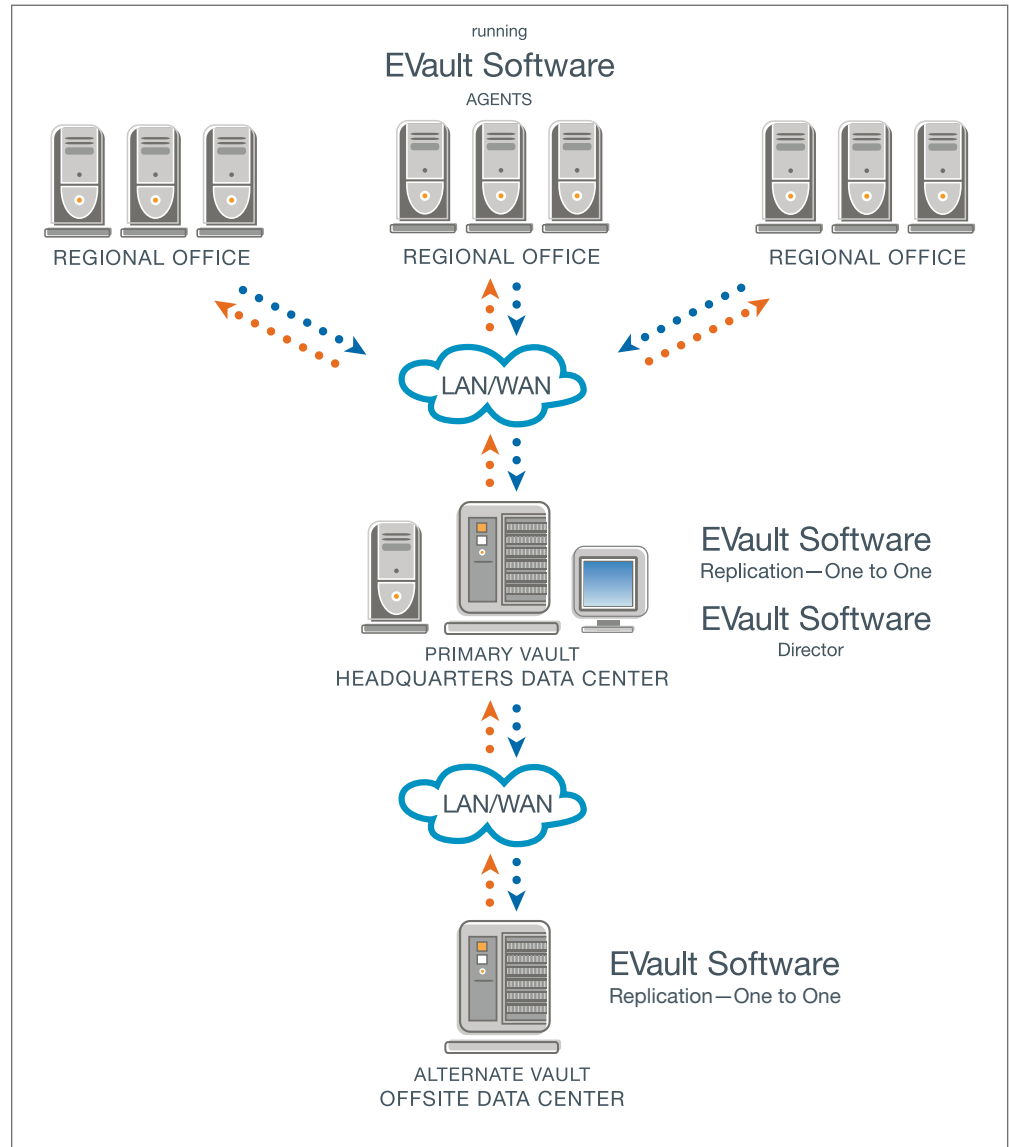
Efficient Data Transfer

EVault Replication—One to One leverages EVault Software's efficient technologies. It uses EVault delta block-level processing technology, only sending changed blocks of data to your alternate vault and speeds transmission between your vaults by compressing data before replicating backups, so your replication window is shorter.

Minimal Impact on Operations

EVault Replication—One to One lets you perform replication without disrupting network traffic or affecting employee productivity. Flexible bandwidth throttling capability lets you schedule replication for off-peak hours.

EVault EVault Replication—One to One architecture



EVault Replication—One to One automatically replicates the backup data on your company's primary vault to an alternate vault in your disaster recovery hot site. Delta block-level processing, flexible scheduling and bandwidth throttling ensure efficient, non-disruptive replications.

Datasheet

EVault Replication— One to One

Flexible

EVault Replication—One to One lets you choose either automatic or scheduled replication. With automatic replication any new backup is immediately replicated offsite, providing the fastest way to achieve redundancy. Scheduled replication allows you to set a timetable when replication will start, allowing for better management of bandwidth and system resources.

Features and Benefits

Feature	Function	Benefit
Full redundancy of the backup service	The backup history is maintained at two separate locations.	Uninterrupted access to backups in the event of a disaster.
Automatic replication	New backups on your primary vault are mirrored to an alternate offsite vault.	Ensures the disaster recovery site contains full backup history and achieves redundant retention policy for compliance.
Flexible replication policies	Replication can be scheduled or run on demand.	Allows replication to occur at non-peak hours or on demand.
End-to-end encryption	Backup data remains encrypted during replication and in storage.	Prevents data breaches.
Efficient processing	Block-level delta processing technology replicates only new and changed data blocks. Compression and bandwidth throttling minimize network traffic.	Reduces amount of data sent over the network, minimizes the peak bandwidth usage and minimizes storage requirements.
Bandwidth throttling	Set bandwidth throttling policy to reduce use of network at specific days or times of day.	Minimizes impact of replication on business operations.
Auto failover	If the primary vault goes down, an IT administrator can activate the alternate vault by triggering auto failover. Once the alternate vault is active, agents automatically back up and restore data to and from it.	Simple to use and ensures business continuity and data availability.

Take the Next Step

To learn more about EVault storage solutions, call us at 1.877.901.DATA (3282), email us at concierge@evault.com, or visit us at www.evault.com.



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