

EVault Offsite Replication Service

Key Benefits

- Get offsite DR protection for your backup data quickly and economically
- Avoid lengthy and complicated DR equipment procurement processes
- Save on maintenance costs
- Reduce risk of data breaches with end-to-end security
- Leverage i365's secure, redundant infrastructure and team of data protection experts
- Add EVault Remote Disaster Recovery Service and restore critical applications in 24 hours

Get efficient, cost-effective disaster protection for your backup data.

EVault[®] Offsite Replication Service is a cloud storage service that will mirror your backup data to a secure i365 data center. It seamlessly extends onsite EVault Software deployments, creating a hybrid onsite/cloud solution that enables you to quickly recover data over the local area network (LAN), while also providing complete offsite protection against site disasters.

Affordable and Easy to Deploy

There are many costs involved in building and maintaining your own disaster recovery (DR) facility. In addition to the upfront costs of servers, networking equipment, and software licenses, you have facility costs, such as real estate, energy, and cooling, as well as infrastructure costs, including IT administration, management, and maintenance.

An affordable subscription-based service, EVault Offsite Replication Service allows you to eliminate those upfront and ongoing costs. It includes secure replication and all the computing and storage necessary to maintain a passive vault in the EVault cloud. Your business pays a predictable monthly fee based on only gigabytes stored. This fee includes licensing, computing, bandwidth and other facility and infrastructure costs.

The software components for replication are already integrated into EVault Software, making it fast and easy to extend your onsite implementation and leverage the EVault cloud.

Bandwidth-Optimized Replication

EVault Offsite Replication Service uses the EVault technology platform as a foundation, leveraging its data transfer efficiencies to minimize bandwidth requirements and shorten the replication window. Starting at the source, EVault Software employs a number of data reduction techniques, including delta block-level processing and adaptive compression. The backup data is then deduplicated at the onsite vault. This ensures that only the smallest amount of backup data is replicated to the EVault cloud. You can further minimize disruption to business operations by scheduling the replication during off-peak hours and/or predefining how much bandwidth to use.

Datasheet

EVault Offsite Replication Service

World-Class Cloud Infrastructure

With EVault Offsite Replication Service, you can rest assured that your data is safely stored within i365's world-class cloud infrastructure. A second vault can be quickly provisioned and can scale to meet your offsite storage needs. All i365 data centers are SAS 70 Type II certified and are top-tier rated according to standards set by the Uptime Institute.

End-to-End Data Security

All EVault solutions support end-to-end encryption to ensure data privacy. EVault Offsite Replication Service uses NIST-certified AES encryption to secure the data while in transit and at rest. Only authorized personnel within your organization can decrypt the data; no one at i365 has access to the encryption keys.

Advanced Disaster Recovery Services

Using EVault Offsite Replication Service opens up possibilities previously available only to i365's EVault SaaS customers, such as being able to use the EVault Remote Disaster Recovery Service, a hosted service that helps quickly recover critical applications within a secure virtual environment after a disaster. It includes state-of-the-art technology and a team of experts that prepare and guide businesses through the entire recovery process. i365 maintains virtual servers in the same top-tier facilities that house your mirrored vault, delivering quick access to the applications required to keep operations running smoothly and efficiently after a disaster. By combining EVault Offsite Replication Service with EVault Remote Disaster Recovery Service, you benefit from a single, integrated solution for offsite storage replication and disaster recovery.

EVault Offsite Replication Service with Managed Services

EVault Offsite Replication Service is available either as a cloud extension of your own internal infrastructure, allowing you to manage your remote vault within the EVault cloud, or as a managed service. EVault Offsite Replication Service with Managed Services provides you with data protection expertise when you don't have the time or resources to do it yourself. A dedicated professional from our in-house team will apply industry best practices to fine-tune your entire data protection solution, troubleshoot problems, and ensure fast and reliable recovery. With i365 Managed Services, you can control costs, meet your service level agreements, and satisfy regulatory requirements for privacy and security.

How It Works

1. EVault data transfer process reduces backup data prior to replication.
2. Primary vault replicates to passive vault located in EVault cloud.
3. Identical backup history is kept on both vaults.
4. Operations can failover to passive vault to continue backups and restore data.

Key Features and Benefits

	Feature	Function	Benefit
Disaster Recovery Protection			
	Full redundancy of the backup data	The backup history is maintained at two separate locations.	Access to backups in the event of a disaster.
	Automatic replication	All backup data stored on the customer's local vault is mirrored to an offsite vault hosted within the EVault cloud.	Ensure the disaster recovery site contains full backup history and achieves redundant retention policy for compliance.
	Vault failover	If the local vault goes down the customer can activate the offsite vault by triggering vault failover. Once the offsite vault is active, EVault Agents will automatically back up to, and can restore from, the offsite vault.	Ensure business continuity and data availability.
	Optional "warm" DR site	Use the EVault Remote Disaster Recovery service and you'll have a virtual DR site and team of professionals always standing by.	Launch critical applications in 24 hours after a complete site disaster.
Capacity and Bandwidth Optimized			
	Data reduction and compression	Transfers only new and changed data blocks. Compression and deduplication further reduces amount of data sent over the network.	Minimizes bandwidth usage and storage requirements.
	Flexible replication policies	Customers can 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 customers to set a timetable when replication will start.	Allows for better management of bandwidth and system resources.
	Bandwidth throttling	Bandwidth throttling can be set to limit how much network bandwidth is used for replication. Customers can also schedule replication during off-peak hours.	Minimizes impact of replication on business operations.

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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