

DRaaS Suite

Many organizations suffer from data loss and extended downtime due to power outages, natural disasters, and insufficient technology resources. The Evolve IP DRaaS Suite has been carefully developed to provide a cost effective, dependable set of products to protect the modern business. Evolve IP's cloud-based Disaster Recover (DR) portfolio provides customers with data loss prevention and various business continuity options leveraging Evolve IP's best-of-breed IT infrastructure as a service (IaaS).

WHY THE EVOLVE IP DRaaS SUITE?

Increased natural disasters have wreaked havoc on businesses in recent years, while the threat of data loss, breach or corruption continues to grow. A disaster recovery plan is no longer enough. Customers are looking for data protection and automated options for business continuity. We've designed our DRaaS suite to allow businesses to determine their level of risk and spend accordingly. Some competitor's solutions provide just basic cloud storage and back up, while Evolve IP provides true disaster recovery with business continuity, so that our customers not only know where their data is backed up, they also know how and when they will have it restored.

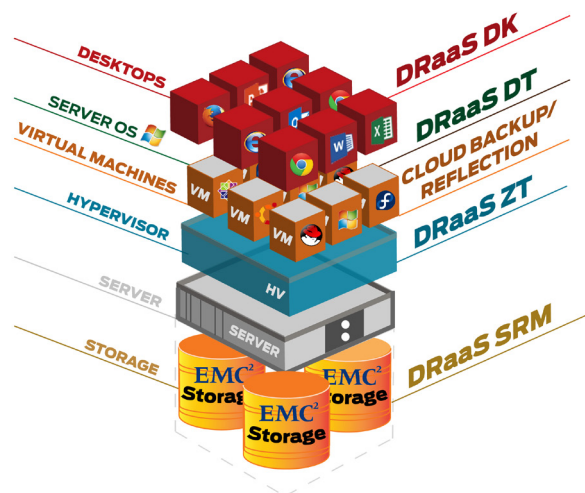
Evolve IP customers not only know where their data is backed up, they also know how and when they will have it restored.

When determining the right Disaster Recovery solution for your organization, there are three aspects to consider:

- **Source of System** – Whether your system is onsite, in the Evolve IP Cloud, or elsewhere.
- **Recovery Point Objective (RPO)** – How current your data is at the recovery site.
- **Recovery Time Objective (RTO)** – How long it should take to bring an environment back online once a disaster or major incident is declared.

Evolve IP's DRaaS Suite products are designed to deliver a wide range of RPO/RTO service levels, with RPO's measured in seconds, not hours. The Evolve IP DRaaS Suite includes:

- **DRaaS SRM (EMC as a Service)** – Standard and Premium
- **DRaaS ZT** – Standard and Premium
- **DRaaS DK** – One-to-One
- **DRaaS DT** – One-to-One and Many-to-One
- **Cloud Backup/Reflection** – Standard and Enterprise



DRaaS SRM (EMC as a Service)

DRaaS SRM (EMC recoverpoint + VMware) is a block level replication technology between two geographically diverse Evolve IP availability zones. DRaaS SRM guarantees that data is synchronized in near real time and can be accessed quickly in the event of a disaster. This SLA-based offering provides the most robust protection and point-in-time bookmarking within a given protection window.

EMC²

- Allows for isolated Disaster Recovery testing during the work day without impacting production.
- Available between Evolve IP availability zones.
- Provides a SRM-managed failover solution - controlled by Evolve IP Cloud support

There are two editions of DRaaS SRM available:

- The **Standard Edition** provides 24 hour RTO and near real time RPO
- The **Premium Edition** provides 4 hour RTO, near real time RPO and requires a 25% reservation fee for recovery resources in the secondary Availability Zone.

Every year, one out of 500 data centers will experience a disaster so severe that 43 percent will be unable to recover, and another 29 percent will be forced to close within two years,

Source: McGladrey and Pullen

DRaaS ZT

DRaaS ZT (Zerto) is a hypervisor-based replication product allowing customers flexibility and complete control over virtual machine replication, failover testing, failover and failback. Unlike traditional array-based replication and BC/DR solutions, DRaaS ZT is software only integrated in the VMware Hypervisor. It uses continuous replication and does not utilize snapshots, which can negatively impact your production environment.

- Used between Evolve IP Availability Zones or between the customer's VMware Hypervisor and the Evolve IP Cloud.
- Employs the hypervisor for disaster recovery, enabling "virtual-aware" protection of mission-critical applications.
- Allows customers control over their DR process through a flexible, self-service portal.
- Is software-only and hardware-agnostic allowing customers to replicate from any type of storage to any type of storage.
- Fully automates the entire failover and failback process, including creation of all VMs, reconfiguring IP addresses and executing custom scripts.

There are two editions of DRaaS ZT available:

- The **Standard Edition** provides 24 hour RTO and near real time RPO.
- The **Premium Edition** provides 4 hour RTO, near real time RPO, and requires a 25% reservation fee for recovery resources in an Evolve IP Availability Zone.

DRaaS DK

DRaaS DK (Desktop) is a business continuity offering designed to allow businesses to pre-build a desktop environment for their end users in a geographically disparate Evolve IP Availability Zone. Unlike cloud-based desktop alternatives that require the customer to build and pay for the recovery environment – even when it is not in use – DRaaS DK allows businesses to prepare, test, and turn down desktop resources for use when required. Businesses who already utilize DaaS (Desktop as a Service) from Evolve IP, can prepare desktop resources in an alternative availability zone and can leverage DRaaS ZT to keep profiles and storage in sync between zones – enabling testing and customer controlled failover of individual desktops including storage and applications.

- Supports Recovery for premise-based desktops and Continuity for Evolve IP Cloud Desktops (DaaS).
- Allows Evolve IP DaaS customers control over their DR process through a flexible self service portal.
- Supports prebuilt recovery environments for physical desktops.
- Fully automates the entire failover and failback process for Evolve IP DaaS customers.

DRaaS DT

DRaaS DT (Double Take) provides real-time server replication and failover between customer systems and Evolve IP availability zones. The award-winning Double-Take software runs within the customer operating system, providing continuous data replication to the Evolve IP Cloud.

- Monitors changes to all protected files and replicates only the bytes that change. Available between Evolve IP availability zones or customer location to Evolve IP.
- Provides reliable DR for physical or virtual servers hosted anywhere in the world.
- Available for Windows and Linux and supports a diverse set of enterprise applications.
- Ideal for customers who want to leverage the cloud for application-aware, immediate failover between computing environments.

There are two deployment options for DRaaS DT:

- The **'one-to-one'** deployment option consists of one target server, dedicated to support one source server. Optimal RTO is achieved with this solution since all servers are provisioned ahead of the disaster recovery incident. RPO is maintained at near real time and the customer controls failover.

One-to-one, active/standby



Many-to-one



- The **'many-to-one'** deployment option consists of many source servers protected by one target server. Well suited for customers with RTO of up to two days, many-to-one requires minimal spend on target side infrastructure. RPO is maintained at near real time. Evolve IP controls failover.

REFLECTION DATA BACKUP & RECOVERY (DBR)

The Reflection Data Backup & Recovery (DBR) solution option is a comprehensive, low-cost, and easy-to-implement solution for secure and reliable off-site data backup. Reflection enables organizations to strengthen their data protection, streamline backup and recovery, and meet a wide range of compliance service levels.

Whether you are securing data from a server, laptop, desktop, or network storage appliance, or need to recover a mission critical server our intuitive software will guide you every step of the way.

- Data backup for servers, laptops, desktops, and Network Attached Storage (NAS)
- System state recovery of Windows Operating Systems.
- Simple, software-based configuration automates your recurring data backup tasks
- Point-and-click recovery of files
- Data is encrypted, then stored off-site on a secured platform with 24x7 monitoring
- Fulfills numerous compliance requirements

DECISION MATRIX

The Evolve IP DRaaS Matrix helps you quickly determine the best product based on your requirements.

Where are your servers today?	RPO	RTO	DRaaS SRM Premium	DRaaS SRM Standard	DRaaS ZT Premium	DRaaS ZT Standard	DRaaS DT one-to-one	DRaaS DT many-to-one	Reflection
 EVOLVE IP CLOUD	Near Real Time	4H							
 EVOLVE IP CLOUD	Near Real Time	24H							
Onsite Physical Servers	Near Real Time	4H							
Onsite Physical/  Microsoft Hyper-V	Near Real Time	2D							
Onsite Physical/ Virtual	24 Hours	2D							
 Onsite vmware	Near Real Time	24H							
 Onsite vmware	Near Real Time	4H							
Recovery Investment			\$\$\$	\$\$	\$\$\$	\$\$	\$\$\$\$	\$	\$