

Disaster recovery

RICOH DRaaS for Veeam®

Cloud disaster recovery service for Veeam customers

RICOH Disaster Recovery as-a-Service (DRaaS) for Veeam provides a secured, disaster recovery service in the cloud, built on the Veeam platform—offering both self-service and fully managed options that deliver comprehensive availability and more IT peace of mind.

The service provides businesses of all sizes with the means to deliver the always-on enterprise for virtual, physical and cloud workloads through offsite cloud backup and disaster recovery—without the cost and complexity of building and maintaining an offsite recovery infrastructure. In the case of a business disaster that disrupts your data center, you can failover within minutes and continue working in a replicated environment located in the Ricoh cloud.

Ricoh provides a seamless integration with your onsite Veeam software to replicate workloads in the cloud—improving your ability to recover from localized disasters.

Powerful features

- **Cloud host for disaster recovery:** We provide full failover capabilities with a central processing unit (CPU), random access memory (RAM), storage and networking resource allocation.
- **One-click failover orchestration:** Get quick execution and site failover testing for failover simulation without disrupting production workloads.
- **Single-port connectivity:** Connect via a secured, reliable Transport Layer Security/Secure Sockets Layer (TLS/SSL) connection to Ricoh.
- **Encryption:** Help protect data in transit and at rest.
- **Multiple traffic-reduction technologies:** Includes built-in WAN acceleration and replica seeding.
- **Deletion protection:** When your backups are deleted, they are temporarily placed in a recycle bin only accessible by Ricoh. This prevents accidental or malicious removal of backups by inside sources.
- **Natural disaster protection:** If your data center is completely disabled by a natural disaster, Ricoh will provide you with free data center services for up to one month.
- **Great user experience:** Using the same console for onsite backup and replication, you can simply point to the Ricoh cloud to have copies of your data and systems backed up or replicated as part of your availability plan.
- **Risk mitigation:** Use Veeam backup to store data on-premises for fast local restores, then use Veeam® Cloud Connect to back up data offsite to Ricoh's cloud for risk mitigation and a comprehensive availability strategy.
- **Cost effective service:** Veeam Cloud Connect is a simple and cost-effective way for customers to try backup and disaster recovery in the Ricoh cloud.

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Failover options

RICOH DRaaS for Veeam offers multiple options for failover, including full-site and partial-site failover.

- **Partial-site failover:** Enables end users to partially failover individual workloads (selected VM replicas) to the Ricoh cloud, while other VMs are still running at the production site.
- **Full-site failover:** Enables end users to run their entire site from the Ricoh cloud with just a few clicks through a secured web portal and failback to either new or existing infrastructures.
- **Advanced networking capabilities:** Both full-site failovers and partial-site failovers leverage built-in network extension appliances, which simplify networking complexity and preserve communication between running VMs, regardless of physical location—even without having to make any changes to replica TCP/IP settings before, during or after failover and testing.

Fully managed service

- Ricoh has the capability to offer different levels of services to customers—including consulting and deployment, cloud backup and replication, and fully managed disaster recovery.
- You have the option to shift responsibilities to Ricoh for DR testing, management of failover and failback operations, management of data-restore processes, and monitoring and remediation of any backup and replication issues.

Why Ricoh versus other service providers

- Ricoh acquired mindSHIFT Technologies—one of the largest IT outsourcing and cloud services providers that serves organizations of all sizes—in 2014. mindSHIFT brings Ricoh 16 years of IT support experience, supporting clients with tailored and trusted technology solutions.
- Ricoh provides state of the art cloud infrastructure services for companies looking to become more agile, increase performance and gain new capabilities. We offer several managed cloud services to accommodate a variety of requirements and budgets. These include cloud-enabled hosting solutions, virtual private clouds, hybrid cloud services and managed disaster recovery services.
- Ricoh data centers are SSAE-16 compliant, physically secured and redundant. They also feature Cisco® multilevel architecture with redundant fiber optic connections from multiple tier 1 carriers.
- Ricoh provides an unrivaled portfolio of managed IT, cloud, data center, professional and IT consulting services.

Put our team and resources to work for you

- Certified engineers in the latest key technologies
- Veeam Platinum Service Provider
- Geographically dispersed 24 x 7 network operating centers
- Disaster recovery and business continuity specialists across multiple platforms—including IBM®, Veeam, VMware®, AWS, Microsoft® Azure, Mozy®, EVault™

RICOH
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