R-Backup

Choose the ideal solution to backup and secure your data!

Store and back up your data securely

In a context where digital technology is omnipresent, data loss can have disastrous consequences for a business.

Whether this loss is due to human error, hardware failure, natural disaster, or malicious attack, it will inevitably result in a loss of time and money.

It is therefore essential to opt for a data backup solution that is fully secure and quickly accessible when needed.

Given the multitude of backup solutions available, it is important to choose the one that best suits the company's activity.
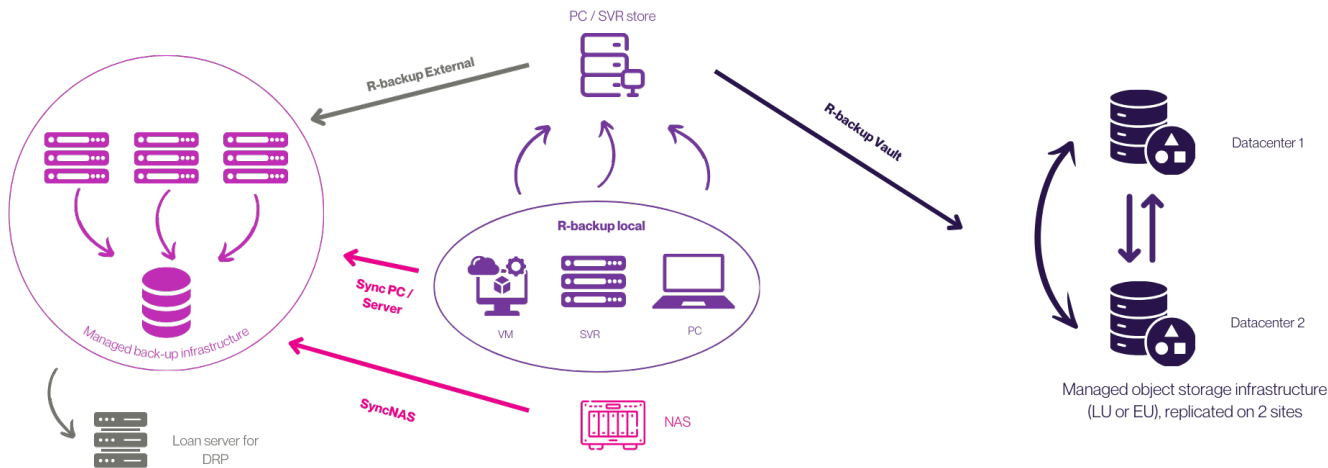
The different types of backup:

◆ Internal backup: This involves backing up the company's data on local equipment (server, PC, deduplication appliance, etc.). This solution may be useless if the equipment is destroyed or stolen.

◆ External backup: This involves backing up the company's data in a remote location. There are various types of external backup adapted to the needs, specifics of each profession, and compliant to regulations applied for each sector of activity.

How to choose the backup solution that suits your needs?

◆ Define your needs in terms of the amount of data to be preserved.

◆ Determine the maximum time during which the data can be inaccessible without compromising the company's activity.

◆ Ensure that the backup solution complies with national and European regulations for your sector.

◆ Define the minimum retention time for data backup.

◆ Ensure that the chosen backup solution is fully secure.

◆ Determine the maximum acceptable time for data restoration

Our data backup solutions

Solution	Short description	Features	Backup frequency	Retention time
Solutions managed by Rcarré/Rcube				
Local backup				
R-Backup-Local	Rcarré/Rcube local backup service for small infrastructures: 4 VM max 2TB per VM (Requires local Pc/Srv storage system not supplied)	Quest Application	4h -->Working day 8h--> No	6 months
R-Backup-Local-Adv	Rcarré/Rcube local backup service additional functions: "Instant" Restore , Replica (Hot Standby) (Requires local Pc/Srv storage system not supplied)	Veeam Application	Tailor-made	depending on hardware
Outsourcing backup				
R-Backup-External	Service for outsourcing backup to a Rcarré/Rcube data center in Luxembourg Disaster recovery services.	Quest Application		6 months
R-Backup-External-Adv		Veeam Application	Just after end of backup job	7 days + 1 week
Cyber / Archive				
R-Backup-Vault-Eu	S3-type object storage available Immutable function available and greater retention possible 2 choices of storage location: EU or Luxembourg	DC in Europe		Depending on space subscribed
R-Backup-Vault-Lu		DC in Luxembourg	Just after end of backup job	
External backup				
R-Backup-SyncPC	External PC backup to the Rcarré/Rcube datacenter	Veeam Application	1 x / day	7 days + 1 week
R-Backup-SyncServer	External server backup to the Rcarré/Rcube datacenter		1 x / day	
External backup managed by the customer				
R-Backup-SyncNas	Data outsourcing from a local NAS to the Rcarré/Rcube datacenter	Rsync protocol	1 x / day	1 Backup

What are the specifics of each type of backup??

R-Backup local (Standard / Advanced)

Backup your data and environment to a local storage system (PC, Server, Deduplication appliance) not included in the solution.

- Multi-environment backup solution (physical, virtual, and cloud) and multi-platform (VMware® vSphere ESX/ESXi, Microsoft® Hyper-V™ for the Standard version, as well as Proxmox, Nutanix, and Oracle KVM for the Advanced version).

- Near-zero restoration time without waiting for the complete restoration of your data (Advanced version only).

- Automatic verification of backups.

- Granular recovery of your files, databases, and emails.

- Ready-to-start server replica (Advanced version only).

- Retention: Standard version: 6 months. Advanced version: customized based on the local storage system.

- Strategy: Standard version every 4 hours, Advanced version -> customized.

- Subscription per server with no data volume limit.

- Confidentiality and ownership of your data guaranteed by the 100% availability of your local system.

- Recommendations for the Standard version: 4 VMs per server max, 2TB per VM max.

R-Backup External (Standard / Advanced)

Option to outsource all your data (data + environment) from your local storage system to R-Store servers located in Rcarré and Rcube data centers via the Internet – Availability of a backup server in less than 4 hours.

- Advanced data protection solution combining outsourcing and disaster recovery (DRP).

- Only as a complement to R-Backup Local solutions.

- Frequency: immediately after the local backup.

- Retention: Standard version: 6 months - Advanced version: 7 days + 1 week.

- Extremely reduced recovery time (RTO) after disaster (4H + 1H per 100GB).

- Compliant with European recommendations for the restitution of cloud-stored data.

- Possibility of recovery tests with invocation of backup server (additional fee).

R-Backup Vault

Immutable protection and long-term retention - Option to outsource all your data (data + environment) from your local storage system to S3 storage via the Internet in "Object" mode.

- ◆ Only as a complement to R-Backup Local Advanced solutions.

- ◆ Frequency: immediately after the local backup.

- ◆ Retention: customized (long-term externalization).

- ◆ Billing per TB used.

- ◆ Additional features: immutability.

R-Backup-Sync-PC / Server

Secure backup via the Internet of all your data (data + environment) from your local PC/Server to R-Store servers located in Rcarré and Rcube data centers - Multi-environment (physical or virtual) and multi-platform (MS Windows, Linux, and Mac OSX) backup solution.

- ◆ Incremental backup (once a day).

- ◆ Data restoration on demand.

- ◆ Subscription per server with an initial volume of 256 GB of data per PC/server (automatic extension in case of overage).

- ◆ Retention of 7 days plus 1 week: immediate availability of backed-up data on R-Store servers

R-Backup-Sync NAS

Secure data backup from your local NAS to R-Sync remote servers installed in Rcarré and Rcube Tier IV data centers

- ◆ Incremental backup (customer-defined backup and retention strategy)

- ◆ On-demand data restoration

- ◆ Subscription per NAS with an initial data volume of 500Gb (automatic extension if data volume exceeds 500Gb)