Offsite Back-Up
With Veeam
Cloud Connect

amatis

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Your business relies on the IT systems you use and the data that these systems hold and manage. Any failure of these systems or loss of data can have a significant impact on your business, causing not just inconvenience but tangible consequences including lost productivity, lost business or penalties resulting from missed contractual commitments.

Having a thorough and effective business continuity plan in place is crucial to reduce business risk, and a key part of this is defining a rigorous way to back-up systems and data.

Veeam provides one of the most comprehensive industry leading portfolios of back-up, replication and recovery solutions for businesses of any size. This is why amatis partner with Veeam to offer our clients a dependable business continuity solution that includes off-site backups to the amatis cloud.

Key Capabilities:

Back-up Everything

Veeam provides a full range of solutions to back-up every part of your IT environment including end-user devices, servers and both public and private cloud applications. The portal enables you to define what is backed-up, how frequently and to which destination.

VM Replication

Veeam allows you to replicate virtual machines either within your data centre or to an offsite facility so that if a physical or virtual environment fails, you can quickly spin up a replicated environment to provide business continuity.

Offsite Back-Up

With Veeam Cloud Connect you can leverage your onsite back-up and replication to push physical and virtual back-ups offsite. This ensures that you have a 'location independent' snapshot of your environment ready and waiting in the cloud, if and when required.

The Smart Option for Offsite Back-Ups

When you combine the power of Veeam with the managed cloud capability of amatis, you gain a powerful, highly effective and cost-efficient method of maintaining offsite back-up that delivers:

Complete Visibility and Control

Access and recover data from the amatis cloud directly from the Veeam backup console, as well as tracking your consumption of amatis cloud storage.

Leading Backup Architecture

Leverage Veeam's modern backup technology, including Backup Copy jobs with Built-in WAN Acceleration, forever incremental backups, parallel processing for VMs and VM disks, GFS (grandfather-father-son) retention policies and more—all built into one solution.

End-to-End Encryption

For your peace of mind, you can opt to encrypt data at source (before it leaves your network perimeter), in flight and at rest, without negatively impacting the data reduction ratios of built-in compression. Additional WAN Acceleration is available through the Enterprise licence model.

What If I Don't Use Veeam?

If you are not yet utilising Veeam for backing up and replicating your environment, amatis can assist you in evaluating the capabilities of Veeam for both on-premise primary back-up and offsite cloud back-ups. Veeam offers significant benefits over traditional back-up solutions.
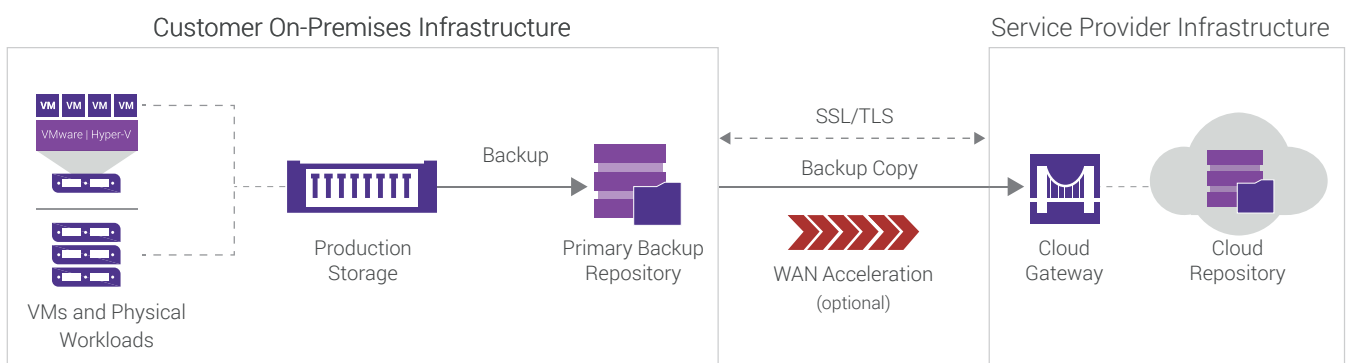
Reducing Recovery Time Point Objective

The Recovery Time Point Objective (RTPO) is measured from the last viable recovery point, to the time that all functionality is recovered. By utilising Veeam Cloud Connect you gain the ability to significantly reduce this time even if you have to fall back to your offsite back-up. Traditional back-up solutions, and in particular offsite back-ups, normally measure last viable restore point in days rather than hours or minutes. This is further hampered when offsite back-ups are offline and therefore delay recovery time.

By utilising a Veeam solution you can set the maximum Recovery Point Objective, i.e. the interval between snapshots of your data, based on the criticality of data and the risk to your business. This means that in terms of the Recovery Time Objective, return to normal service is expedited by the fact that all data and replicated VMs are instantly accessible online.

How Does Veeam Cloud Connect Work?

Customer On-Premises Infrastructure

Service Provider Infrastructure

VM VM VM VM
VMware | Hyper-V

VMs and Physical Workloads

Production Storage

Backup →

Primary Backup Repository

SSL/TLS

Backup Copy

WAN Acceleration
(optional)

Cloud Gateway

Cloud Repository

The Benefits of Utilising Veeam

Advantages	Veeam backup and replication	Legacy backup tools
Agentless	Yes	—
Built-in advanced replication	Yes	—
Instant WM recovery	Patented	—
Instant file-level recovery	Any OS and file system	Any Windows, maybe Linux
Instant application-item recovery	Any application and file system	Select application only
Automated recovery verification	Patented	—
Built-in, source-side compression and deduplication	Yes	—
Simple offsite backup	Yes	—
Storage agnostic	Yes	—
Easy to deploy and configure	15 minutes to self-setup	Weeks of extensive deployment