CGT finds the right Disaster Recovery tools with a Syneto hyperconverged infrastructure

Overview

Company: CGT S.p.A.
Location: Italy

The Challenge

- achieve complete data protection
- achieve reliable Disaster Recovery
- increase application performance

The Solution

- **Instant Backups** of all the data on the infrastructure.
- **Recover everything** in just 15 minutes after a disaster.
- **Increased performance**: for resource-intensive applications.

Customer Profile

CGT (Compagnia Generale Trattori) has been a Caterpillar dealer in Italy since 1934 and currently has 35 branches, 50 sub-dealers and 18 authorized workshops operating here.

CGT offers integrated sales solutions, rental, and assistance in extractive industries, major works, infrastructures, construction, power generation, oil & gas and naval mechanics.

The Challenge

The old server infrastructure of one of CGT's branch offices was becoming out of date and the company needed to find a more efficient solution. The company's backups were no longer optimised and heterogeneous, meaning that the company could suffer great data losses, should a disaster occur.

As the company handles a great amount of data (about 170 VMs + files), it cannot afford to suffer long periods of downtime. The data managed by the branch office needs to be backed up safely in the company's headquarters.

The company also needed to ensure that all VMs run at top performance, including their resource-intensive database software.

The Solution

CGT has chosen a solution composed of three HYPERSeries units for their branch office. Two of the units cross-replicate data (1st and 2nd data copy), while a third unit holds local backups (3rd data copy), ensuring fast recovery in case of a downtime incident, with a 15-minute RTO.

To ensure complete data protection, backups are also replicated off-site (4th data copy), in one of the company's main offices. Should the remote office suffer from a natural disaster, the data can be recovered from the company's Rome office.

This infrastructure, though complex at first glance, was in fact very easy to deploy, thanks to the "plug and play" design of the Syneto products. Moreover, it currently requires minimum maintenance time as everything, including backup processes, runs automatically. The HYPERSeries successfully handles around 170 VMs at increased performance, including the company's databases.

"Syneto has offered us the Disaster Recovery solution we needed. We have also managed to increase application performance thanks to this infrastructure that is very easy to manage."

- **Alessandro Cagnola** - CIO, CGT S.p.A.

Instant automatic backups
of all the data (files and applications) on the infrastructure.

Reliable recovery
The infrastructure can be "up and running" in 15 minutes after a disaster occurs.

Increased performance
For all the applications needed by the branch office.

Simplify • Accelerate • Protect

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