



The Italian Airforce takes off with Syneto, virtualizes its server infrastructure and achieves true Disaster Recovery

Overview

Company: The Italian Airforce

Location: Italy

The Challenge

- Lower rising ownership costs
- Lower IT management times
- Achieve true Disaster Recovery

The Solution

- **Lower TCO** by virtualizing existing servers
- **Automatic backups:** only initial scheduling is needed.
- **Certain recovery:** data is easy to recover in case of an incident.

Customer Profile

The Italian Airforce (Aeronautica Militare) was founded in 1923 and is the aerial defence force of Italy. One of the early adopters of aviation, Italy first started flying balloons with the Army Air Service (Corpo Aeronautico Militare) as early as 1884. Today, Aeronautica Militare is one of the best equipped and powerful airforces in the world.

The Challenge

The Italian Airforce was facing increasing costs and maintenance issues due to an older server infrastructure at one of their biggest radar installations. With rising tensions around the world, the airforce needed to virtualise the existing server infrastructure.

The radar complex was also facing issues related to the maintenance resources required to keep the old infrastructure running. The increasing amount of data and policy constraints, which are to be expected in a military installation, was resulting in a lot of time spent on management and maintenance.

The new solution also needed to be highly scalable to allow for future growth, while ensuring data security with true Disaster Recovery capabilities.

The Solution

To solve their IT infrastructure challenges, The Italian Airforce deployed two Syneto products: one Syneto hyperconverged unit to serve as a main unit and a secondary "traditional" storage unit to serve for backup purposes.

The older server infrastructure was entirely virtualised and the solution's primary unit now handles all the institutions' data - files and applications. The Syneto solution creates nearly instant, automatic backups of

all the data. Using the same technology the snapshots are then replicated to the second unit for safety. Only changes to the data since the last transfer are replicated, making the process very fast and efficient. The data is safe and easy to recover, which means true Disaster Recovery is achieved.

The solution lowers total ownership costs by only requiring minimal management times due to many of the processes, including snapshots, replication and VMware integration being automated.

"The Syneto solution has allowed us to lower our overall infrastructure costs while achieving easy scalability. We are now confident that we can achieve true Disaster Recovery, should we ever suffer after a downtime incident."

- 1° Av. Capo Scelto Giuseppe Mangia, Italian Airforce



Lower TCO

by virtualizing existing servers and reducing necessary management times.



Automatic backups

Creating backups and restoring data are both fast operations.



True Disaster Recovery

Backups (of all the data) are easy to recover in case of any incident.

syneto

Simplify • Accelerate • Protect

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Syneto creates technologies which Simplify, Accelerate and Protect IT operations. We take the latest, cutting-edge enterprise IT technologies and combine them with an incredible level of management simplicity and operational agility to deliver uncompromising simplicity, speed and security. A demonstration of how smart IT can be.

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