

General Computer Italia Spa improves IT services reliability by achieving redundant and high-performance shared storage with **StarWind Virtual SAN (VSAN)**



About the company

General Computer Italia Spa is an Italian IT services provider founded in 1993, specializing in multi-vendor maintenance and technical support for mission-critical data center infrastructures.

Industry

IT & Services

Location

EMEA (Italy)

Solution

StarWind Virtual SAN (VSAN)

“StarWind VSAN provided a fully redundant and performant shared storage. The resulting infrastructure is fully satisfied.”

Davide Bozzelli, IT Manager

Challenge

Before deploying StarWind Virtual SAN (VSAN), General Computer Italia Spa operated its virtualized environment on Proxmox VE with storage based on a legacy Dell EqualLogic system. While functional, the setup lacked true storage redundancy at the virtualization layer and depended heavily on external SAN capabilities. Achieving high availability without a traditional SAN proved complex and resource-intensive.

The company needed a lightweight, hypervisor-compatible solution that could deliver shared storage with built-in redundancy.

Solution

By deploying StarWind VSAN, General Computer Italia Spa transformed its storage architecture into a fully redundant, software-defined shared storage layer. StarWind VSAN mirrored storage across nodes, eliminating single points of failure while maintaining high I/O performance. Its efficient resource utilization and compatibility with multiple hypervisors made it a suitable fit, with plans to further leverage it in the Proxmox environment.

The resulting infrastructure delivers continuous availability, simplified management, and improved resilience without reliance on traditional SAN hardware. The company reports full satisfaction, with all availability and performance requirements successfully met.