

AllPro Technologies eliminated downtime and built a fault-tolerant IT infrastructure with **StarWind Virtual SAN (VSAN)**



About the Company

AllPro Technologies is a U.S. managed IT service provider (MSP) that finds reliable and affordable solutions to optimize the IT infrastructure of its client companies. At this stage, the company supports the work of 750+ desktops and 100+ servers.

Company Profile

Managed Service Provider (MSP)

Contact Person

Mel Cook, CTO

Problem

The company required a shared storage solution to achieve high availability (HA) and fault tolerance (FT) of its IT infrastructure.

Solution

With StarWind VSAN, the company received shared storage at an affordable price, built a fault-tolerant IT infrastructure, and eliminated downtime in case of a power outage.

Problem

Before **StarWind Virtual SAN (VSAN)** deployment, **AllPro Technologies** had 3 servers with direct-attached storage (DAS) for each and Hyper-V on top. The company had a problem with the slow replication process of twelve virtual machines (VMs) which was subject to constant errors. The replication process plays an important role in providing high data availability. Any failures in replication can disrupt data integrity and fault tolerance of the IT infrastructure in case of emergency. A solution needed to fix the existing problem should be cost-efficient and not break the bank. The high cost of other solutions leveled the possibility of testing them at all.

Solution

AllPro Technologies has chosen StarWind VSAN because it could provide full-fledged shared storage. It eliminates the actual physical shared storage, corresponding infrastructure, associated deployment, and maintenance activities. The company has increased the reliability of the system without the need to purchase and maintain more hardware. **StarWind VSAN** also provides asynchronous replication functionality. It puts replication to the background and uses snapshots as the source, thus eliminating the performance and space over-provisioning problems. StarWind VSAN ensured the safety and integrity of the company's data in case of emergencies at an affordable price. Thus, AllPro Technologies saved the money, built a fault-tolerant IT infrastructure, and eliminated downtime in case of a power outage with StarWind VSAN.



We tested StarWind for a few months and it worked great in our test environment. We were able to extend the life of our direct-attached storage equipment.

Mel Cook, CTO