

Benny D'Angelo Transport finally unites its 10 standalone servers into a single fault-tolerant cluster with **StarWind Virtual SAN (VSAN)**



About the Company

Benny D'Angelo Transport is a family-owned business located in St-Rémi, Québec. It has been offering refrigerated carrier services in Quebec, Eastern Canada, and the Eastern US since 1998. The company has over 50 employees, 8 loading docks, and a 40,000 sq.-foot storage facility.

Company Profile

Carrier services

Contact Person

Jonathan Beaudry,
IT Manager

Problem

The company used a NAS which was a single point of failure.

Solution

StarWind VSAN enabled the company to unite all the nodes of its IT infrastructure into a single fault-tolerant Hyper-V cluster.

Problem

Prior to **StarWind Virtual SAN (VSAN)**, the company's IT infrastructure consisted of 10 standalone servers with 3 hypervisors. To unite the environment into a single Hyper-V cluster, the company tried to use QNAP Network Attached Storage (NAS). Unfortunately, such a decision had no capacity to ensure the required performance because of the volumes of data processes coming through. The said NAS was the company's single point of failure (SPOF), so when it had crashed a few times, the entire IT environment experienced severe downtime. It led to service malperformance and monetary loss. More shared storage was mandatory to increase performance but buying more physical shared storage could take the company only so far. Therefore, StarWind offered a totally different approach.

Solution

StarWind VSAN can be deployed on any hardware and any operating systems, uniting them into a single shared storage pool. Thanks to deduplication and compression, hybrid cloud, automated storage tiering, asynchronous replication, and other features, VSAN can create highly available and fault-tolerant IT environments. Consequently, the company got the opportunity to consider an alternative option — virtualization — instead of buying more physical shared storage. **StarWind VSAN** tied all the standalone servers and hypervisors into a single fault-tolerant cluster. Thereby, **Benny D'Angelo Transport** was able to obtain a cost-efficient solution to its problem, ensuring constant uptime for its applications, safety for its data, and fault tolerance for its IT infrastructure, as well as the ability to scale up and scale out seamlessly whenever necessary.



With little investment, we now have an IT structure with failover for hypervisors and data structure. VSAN is really fast and reliable. Couldn't ask for more!

Jonathan Beaudry, IT Manager