



About the Company

SUD THD, located in the south of France, is a government agency tasked with creating the main fiber-optic network in the Région SUD. At the end of the creation, the network will be available for all the Internet Service Providers to ensure web access to both businesses and consumers.

Company Profile

Government agency

Contact Person

Yannick Meli, IT Admin

Problem

The company needed virtual shared storage to move to hyperconvergence.

Solution

With StarWind vSAN, the company received a cost-efficient and reliable shared storage solution achieving the needed fault tolerance (FT) and high availability (HA).

SUD THD moves on to the next stage of its fiber-optic network creation project by adopting hyperconvergence with StarWind vSAN

Problem

Before StarWind Virtual SAN (vSAN) deployment, an IT infrastructure of **SUD THD** consisted of one standalone Hyper-V server with local storage. The problems were multiple: the infrastructure had no fault tolerance (FT) and high availability (HA); the physical server was near its warranty end date, and Microsoft Hyper-V was not as flexible as VMware vSphere. The primary company's focus was to build an HA system with no (or reduced) point of failure. In view of these elements, the decision was made to jump into a hyperconverged platform.

The company tried to switch to 2 Dell PowerEdge servers with a vSphere hypervisor. Before ordering the hardware, it compared DataCore SANsymphony and VMware vSAN. As SUD THD has been following the StarWind's activity for years, it added StarWind vSAN to the comparisons.

Solution

SUD THD has chosen **StarWind vSAN** as it turned out to be cheaper and faster to implement. To date, the company's IT infrastructure is composed of 2 physical Dell PowerEdge R740xd servers with VMware vSphere hypervisor and the StarWind vSAN solution. The old physical server has been recycled as the second immutable repository under Linux for Veeam. The overall solution is fully satisfactory and fulfills all roles well. With StarWind vSAN, the company eliminated a single point of failure (SPOF) issue and acquired FT and HA at a reasonable price. Moreover, SUD THD really appreciated the StarWind support during the implementation of the solution because the company did the deployment by itself without using the services of an integrator. Thanks to **StarWind vSAN**, SUD THD saved a lot of money on the initial acquisition of the software, annual support, and maintenance renewal. In the future, if the company is going to evolve, it will look at using other StarWind products.



The StarWind solution has allowed us to build and put into production an infrastructure combining Fault Tolerance (FT) and High Availability (HA) at a limited and contained cost.

Yannick Meli, IT Admin