

# Nexans Autoelectric Virtualizes Its Physical Environment to Achieve HA and Cost-Efficiency Together with StarWind VSAN



## About the Company

**Nexans Autoelectric** produces wiring harnesses and vehicle systems, cabling for electric vehicles, and other automation components. The company has over 10,500 employees in Germany, Mexico, and US. Its reached 464 Mio Euros Turnover in 2019. Its clients include Audi, BMW, Scania, and others.

## Company Profile

Automobile electronics

## Contact Person

**Ricardo Gonzalez**, IT Manager

## Problem

The company needed to virtualize its existing physical infrastructure resources for HA.

## Solution

The company achieved constant uptime and fault tolerance without buying any new hardware.

## Problem

Nexans Autoelectric had an all-physical environment, which included installations using HP ProLiant BL 460 Generation 6 Servers with Storage Blade Attached to them. The hypervisor of choice was VMware vSphere. The company wanted to virtualize. It tried HPE StoreVirtual VSA and VMware vSAN but those options entailed unjustifiable costs and rigidity. The goal was to achieve constant application uptime and resiliency using existing IT resources.

## Solution

**StarWind Virtual SAN** allowed Nexans Autoelectric to tick those boxes and more. The company was able to save costs on physical shared storage by creating fault-tolerant storage pool from existing resources plus cloud thanks to StarWind. The company employed a three-node hyper-converged scenario based on StarWind VSAN with VMware vSphere 6.7, which was tested for disasters of one host—the storage synced and worked just fine. Nexans Autoelectric plans to get deploy StarWind in its other locations and plans to use it as foundation for building future datacenters.



We tried HPE StoreVirtual and VMware vSAN but StarWind won in our study by price and functionality by not requiring SSDs. Additionally, we save about \$3,200 every 3 years comparing to HPE VSA as StarWind is permanent while the HPE license lasts 3 years only.

**Ricardo Gonzalez, IT Manager**