StarWind
HYPERCONVERGENCE

Matrix IT B.V. reduces its IT operational expenses by 60% by deploying a high availability (HA) StarWind vSAN-based cluster

M@trix

About the Company

Matrix IT B.V. is an IT company located in Harderwijk, Netherlands. It delivers all kinds of computer systems design and related services.

Company Profile

Computer Systems Design and Related Services

Contact Person

Andre Pater, CEO

Problem

The company was looking for a shared storage solution to cut high maintenance costs and reduce its hardware footprint.

Solution

With StarWind vSAN, the company creates a 2-node HA cluster, frees itself of the SPLA licensing model, and cuts its electricity maintenance costs.

Problem

Before StarWind Virtual SAN (vSAN) deployment, **Matrix IT B.V.** had its mostly 10 GbE network with a core at 100 GbE. The company's IT infrastructure included a Microsoft Hyper-V failover cluster with 7 nodes and all-flash storage. It was hard to maintain and service such a big number of nodes as it cost a lot of electricity: firstly, it was 400 euros in a month and then with the new price rises on electricity it would be 1600 euros per month. Using Microsoft Storage Spaces Direct (S2D), the company was limited by the SPLA licensing model on its path to downscale the number of nodes. So, Matrix IT B.V. was looking for a shared storage solution that would provide the required redundancy and give the opportunity to save maintenance costs.

Solution

Following the recommendations of its clients, Matrix IT B.V. has chosen **StarWind vSAN** to reduce the number of its nodes from 7 to 2. Thanks to vSAN, the company achieved redundancy by creating a high availability cluster (HA) with no SPLA licensing. From now on, Matrix IT B.V. can scale its IT infrastructure easily. Along with this, such node downscaling allowed the company to save around 1000 euros per month on electricity costs at once. In the future, Matrix IT B.V. plans to use **StarWind vSAN** by default for redundant storage solutions for its customers.

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> Our IT infrastructure powered by StarWind vSAN fits our needs.
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> **Andre Pater, CEO**

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