

Auchan Magyarorszag Kft. implements new POS systems in its 19 hypermarkets around the country by deploying 2-node high availability clusters with StarWind Virtual SAN (VSAN)



About the Company

Auchan Magyarorszag Kft. is the Hungarian "link" in the international hypermarket chain under the brand of Auchan. It operates 24 hypermarkets, 18 discount fuel stations, and an online store.

Industry

Retail

Location

EMEA (Hungary)

Solution

StarWind Virtual SAN (VSAN)

"We were able to build 2-node storage clusters based on virtualization in 19 hypermarkets without any problems and with high cost-efficiency."

Vass Sandor,
IT Infrastructure Leader

Challenge

Before StarWind Virtual SAN (VSAN) deployment, Auchan Magyarorszag Kft. intended to introduce new point of sale (POS) systems into 19 of its hypermarkets around the country. With the imperative of ensuring seamless monetary transactions, downtime was simply not an option. The company's plan to implement 2-node storage clusters for 2-node Microsoft Hyper-V virtualization clusters in each location required a cost-efficient shared storage solution. This involved deploying Dell Servers with direct connections between each pair for iSCSI communication.

The conventional NAS or SAN options were too expensive for the company's needs.

Solution

Auchan Magyarorszag Kft. chose StarWind VSAN as it offered constant uptime and fault tolerance in a true 2-node scenario. Its compatibility with industry-standard protocols like iSCSI and NVMe-oF enabled the company to deploy fault-tolerant storage pools and achieve high-speed performance in all 19 locations without exceeding budget constraints.

This implementation provided a reliable and cost-effective solution to support the company's new POS systems and ensured uninterrupted operations across its hypermarkets.