

Domino Machine achieves seamless business operations by creating synchronized data storage with StarWind Virtual SAN (VSAN)



About the Company

Domino Machine is a Canada-based manufacturer specializing in the production of blow-out preventers, stuffing boxes, and API products. The company provides critical components that ensure the safety and efficiency of various industrial operations.

Industry

Manufacturing

Location

North America (Canada)

Solution

StarWind Virtual SAN (VSAN)

"Our new 2-node StarWind VSAN cluster has met all our requirements for keeping our critical data stored in two places with constant synchronization."

Jonathan Armstrong,
Senior Systems Officer

Challenge

Before StarWind Virtual SAN (VSAN) deployment, Domino Machine utilized direct server storage and NAS appliances. The company struggled with inadequate storage performance and high availability, essential for running data-intensive workloads. Its infrastructure's limitations prevented seamless support for solutions like VMware vSAN, necessitating hardware upgrades and additional investments.

These constraints posed a critical risk to business continuity and efficiency, prompting Domino Machine to seek an alternative that would enhance performance and avoid vendor lock-in.

Solution

Domino Machine selected StarWind VSAN for its ability to meet its needs without extensive hardware changes or vendor dependency. StarWind VSAN provided a cost-effective, high-performance storage solution that ensured data redundancy and eliminated single points of failure.

The company achieved synchronized data storage across its nodes, implementing the StarWind Virtual SAN cluster, which enabled Domino Machine to run its demanding workloads on shared storage with high performance and continuous availability. This strategic move positioned the company for future expansion, all while saving approximately \$50,000 in initial costs and reducing long-term support expenses.