

Tudor Rose International ensures continuous operation of its critical business workloads by creating highly available storage with **StarWind Virtual SAN (VSAN)**



About the company

Tudor Rose International is an export management company based in Stroud, Gloucestershire, that works exclusively with British brands. It manages exports across several product categories, including snacks, beverages, health and organic products, and chilled and frozen foods.

Industry

Food & Beverage

Location

EMEA (Great Britain)

Solution

StarWind Virtual SAN (VSAN)

"By implementing StarWind VSAN, we were able to consolidate compute and storage into a resilient infrastructure that better supports our current and future workloads."

Company Representative

Challenge

Before deploying StarWind Virtual SAN (VSAN), Tudor Rose International's growing workload demands were exceeding the capabilities of its existing IT infrastructure. New applications, including SAP, sales analytics, SQL-based workloads, and a Warehouse Management System, increased resource consumption and caused system instability and server crashes. Frequent IT intervention and both planned and unplanned maintenance affected business continuity and productivity.

The company needed a scalable, resilient infrastructure that could support further growth without exceeding its budget.

Solution

Tudor Rose International chose StarWind VSAN because it provided highly available, fault-tolerant shared storage using the servers' internal drives while avoiding the cost and complexity of a dedicated SAN. The company implemented a three-node converged architecture, with two nodes providing replicated storage and compute and a third dedicated to compute. The environment combines 1.6 TB of RAID 10 SSD storage for demanding SAP and SQL workloads with 16 TB of RAID 10 SAS capacity.

Redundant 10 GbE multipath networking provides resilience against a complete node or switch failure, while StarWind VSAN enables nodes to be taken offline for maintenance without disrupting business operations.