

BBK B.V. improves system availability for production and business operations with resilient shared storage provided by **StarWind Virtual SAN (VSAN)**



About the company

Founded in 1956 and based in Ede, the Netherlands, BBK B.V. designs and manufactures postboxes, entrance panels, and related products for residential projects. The company produces products from materials including zinc-coated steel, aluminum, stainless steel, and Trespa.

Industry

Manufacturing

Location

EMEA (The Netherlands)

Solution

StarWind Virtual SAN (VSAN)

"StarWind has worked well since it went into production, and the whole configuration leaves room for the planned future expansion and adjustments."

JA.F. Pul,
Application/Systems Engineer

Challenge

Before deploying StarWind Virtual SAN (VSAN), BBK B.V. operated a two-node VMware ESXi cluster hosting Windows Server guest VMs for applications, data, and Remote Desktop Services. The physical nodes were placed in separate buildings for disaster recovery. As application and performance requirements increased, the existing architecture could no longer meet them.

BBK B.V. therefore moved to Windows Server Failover Clustering (WSFC), requiring shared storage built from the local disk arrays on each physical node.

Solution

BBK B.V. chose StarWind VSAN because it provided a distributed software-defined storage layer suitable for the new WSFC architecture. StarWind VSAN pooled the local storage in the two physical nodes and provided the shared storage required by the clustered Windows workloads, replacing the previous guest-level storage mirroring approach.

The solution was tuned for BBK B.V.'s architecture and successfully passed stability, load, and recovery testing. It also left room for future expansion and configuration changes while modernizing the company's mirrored-server infrastructure.