

# StarWind Virtual SAN brings mirrored servers configuration for **BBK B.V.** up-to-date

“ StarWind worked well since it went into production and the whole configuration leaves room for the planned future expansion and adjustments ”

A.F. Pul, Application-/Systems Engineer, BBK B.V.



## About the Company

### N.V. Trading Company BBK

was founded in 1956. It is located in Ede, Netherlands. BBK produces ready-made, high quality mailboxes and sandwich panels from zinc-coated steel plates, stainless steel, aluminum and Trespa. The high degree of automation allows quick delivery.

[www.bbkede.nl](http://www.bbkede.nl)

## Industry

Manufacturing (build-to-order, CAD/CAM)

## Contact Person

A.F. Pul, application-/systems engineer

## Problem

New performance demands and application requirements, which couldn't be satisfied by the existing configuration.

## Solution

**StarWind VSAN** managed to meet the new needs, being easily configured according to the architecture's requirements.

## PROBLEM

The company existing infrastructure included a VMware ESXI 4.1 2-node cluster with Windows 2003/2008 Guest VM's for applications, data, and RD services.

Except for RD Services, high availability was provided by continuously "mirrored" guest server pairs with HP Storageworks Storage Mirroring. For disaster recovery reasons the physical nodes were also located in different buildings.

Frequent VSS snapshots to a HP Storage Server Solution (Microsoft Data Protection Manager) provided both the online D2D and offline backup sets of data and applications.

Although still functioning very well, the existing infrastructure wasn't able to meet the new performance demands and application requirements.

So, the infrastructure has been updated – the Storage Mirroring Failover Cluster role was replaced with Guest Windows Server Failover Clustering (WSFC). The required shared storage for WSFC should be based on the local disk arrays within each physical node. A distributed Software Defined Storage Solution seemed to be best suited in replacing Storage Mirroring.

## SOLUTION

The company tried similar SDS solutions, but quite easily chose **StarWind VSAN** over the others, being satisfied with their excellent SDS software and supplied pre-sales support.

From the start **StarWind VSAN** worked well, could easily be tuned and configured for the architectural requirements and successfully passed all stability, load and recovery tests.

"**StarWind** helped us modernize our mirrored server configuration,"– A.F. Pul says.