

# Regina Catholic Schools ensures 24/7 operations by creating a high availability (HA) cluster powered by StarWind Virtual SAN (vSAN)



## About the Company

### Regina Catholic Schools

is a Canadian K-12 publicly funded urban Catholic school division.

## Company Profile

Education

## Contact Person

**Thomas Fennell,**  
Systems Architect

## Problem

The organization needed to configure live VM migration options and achieve failover.

## Solution

StarWind vSAN allowed the organization to build a scalable and fault-tolerant IT infrastructure with high application uptime and at the most affordable price.

## Problem

Before StarWind Virtual SAN (vSAN) deployment, **Regina Catholic Schools** utilized 2 Hyper-V on-prem servers that hosted roughly 12-15 virtual machines (VMs). The organization had hardware redundancy available, but there was no fault tolerance. If one host went down, VMs were migrated manually which took an extremely long amount of time. Besides, there was an issue with a lack of support for Hyper-V native migration options. So, with the aim of eliminating these problems, the organization was looking for a shared storage solution to create a failover cluster.

## Solution

After reviewing multiple products, Regina Catholic Schools has chosen **StarWind vSAN** as it has the most features the organization would like to use for the best price. Thanks to vSAN, Regina Catholic Schools created a high availability cluster during a simple walkthrough from StarWind Support Team. Now, it can live-migrate VMs between its hosts easily and use one failover host if the other one ever goes down. The support Regina Catholic Schools received for setting up the **StarWind** cluster was great. StarWind Support Team explained things well and took the time to make sure it all worked.



We've tested the live migrations and failover, and it worked perfectly. StarWind vSAN meets exactly what we were wanting it to do.

**Thomas Fennell, Systems Architect**