

GCL Diesel ensures uninterrupted service availability by deploying a **StarWind Virtual SAN (vSAN)** based failover cluster



About the company

GCL Diesel is a Canadian distribution and service center for all diesel-related products. The company has been building customer relationships for over 40 years evolving into one of North America's premier diesel service and diesel part distribution companies.

Industry

Investment consulting

Geo

NA

Solution

StarWind Virtual SAN (vSAN)

"StarWind offers clustered storage and failover with just two nodes. This met our budget constraints without sacrificing performance."

Rummy Dabgotra,
Company Representative

Challenge

Before StarWind Virtual SAN (vSAN) deployment, GCL Diesel had non-redundant Windows 2003 servers with localized storage. To optimize the infrastructure, the company considered using a physical SAN as a solution to build a failover cluster. However, a SAN infrastructure along with redundant application servers was quite an expensive option that did not fit the budget.

Solution

GCL Diesel turned to StarWind and implemented the software-defined storage solution. By doing so, they aligned their infrastructure with budget constraints while maintaining optimal performance. The company achieved fault tolerance by deploying a cost-effective, two-node system.

During an unexpected power and UPS failure in the main building, GCL Diesel experienced a clustered storage syncing problem as all servers went down abruptly. In this critical situation, StarWind Support Team demonstrated their expertise and commitment. They remotely accessed the servers, collaborating closely with GCL Diesel to restore the production environment with minimal downtime.

Impressed by the success of their current implementation, the company has decided to deploy their future HA infrastructure with StarWind.