

# RAM Company ensures continuous uptime of its critical production systems by creating a fault-tolerant IT environment around **StarWind Virtual SAN (VSAN)**



## About the Company

RAM Company is a Utah-based designer and manufacturer of precision solenoids and solenoid valves since 1975. It offers engineered solutions to meet the requirements of the commercial, aerospace, and space industries.

## Industry

Manufacturing

## Location

North America (United States)

## Solution

StarWind Virtual SAN (VSAN)

*"Working with a vendor like StarWind that is proactive and gives you direct access to knowledgeable support is a breath of fresh air. Since implementing VSAN we've had zero downtime and met all the requirements for the project."*

**Carter Despain,**  
Network Administrator

## Challenge

Before deploying StarWind Virtual SAN (VSAN), RAM Company's IT infrastructure comprised three independent Hyper-V hosts without shared storage. This setup lacked seamless failover capabilities and hindered maintenance during business hours. This led to prolonged downtimes and inefficient resource management, impacting productivity.

Seeking a solution, RAM Company evaluated Microsoft Storage Spaces Direct (S2D) but found it unsuitable for its 2-node setup.

## Solution

Impressed by the level of support during the demo, RAM Company chose StarWind VSAN for its seamless failover, scalability, and exceptional customer service. With StarWind VSAN, the company eliminated downtime and streamlined maintenance tasks. The solution's seamless failover capability allowed for uninterrupted operations during node maintenance. Its IT infrastructure now meets all requirements, ensuring optimal performance and resource utilization.

With downtime reduced to zero and maintenance performed during business hours, RAM Company anticipates a return on investment (ROI) within a year. The efficient resource utilization and improved productivity further contribute to cost savings over time.