



About the Company

D-J Engineering, Inc.

is a U.S.-based manufacturer of complex machine parts, composites, sheet metal fabrication, large assemblies, composites assemblies, extrusions, and various types of hot forming and reverse engineering to support aerospace and defense Original Equipment Manufacturers (OEM).

Company Profile

Aviation & Aerospace

Contact Person

Director of Technical Services

Problem

The company wanted to eliminate hardware limitations and obtain redundancy but could not afford the cost of the new SAN.

Solution

Using StarWind vSAN allowed the company to build a scalable and fault-tolerant IT infrastructure with high application uptime.

D-J Engineering, Inc. reduces its IT operational expenses by adopting hyperconvergence with the help of StarWind vSAN

Problem

Before StarWind Virtual SAN (vSAN) deployment, **D-J Engineering Inc.** used HPE LeftHand and NAS units with Hyper-V on top. This type of storage didn't allow for any scalability, so the company could not grow with any sort of cost-effectiveness. D-J Engineering Inc. was looking for a shared storage solution reasonably priced to sweep away any hardware limitations.

Solution

D-J Engineering Inc. has chosen **StarWind vSAN** as it allows to get high application uptime using existing commercial off-the-shelf (COTS) hardware. This provides a means of increasing life span and driving down overhead. Being completely hardware agnostic, the company grew from having cost and hardware limitations to almost no limitations. For now, D-J Engineering Inc. has no issues with IOPS or resiliency. Saving around a few hundred thousand dollars, the company could get an IT infrastructure performance to be on par with what would be expected of enterprise-grade SANs. In the future, D-J Engineering Inc. is getting ready to double a **StarWind** deployment with 2 high availability (HA) stacks.



Thanks to StarWind vSAN, our uptime seems comparable to our hardware SANs and doesn't appear to be any compromises.

Director of Technical Services