



About the Company

Kelly Aero is a leading original equipment manufacturing supplier to the aviation industry and the world's largest private OEM for aircraft aftermarket magnetos, replacement parts, and ignition harness based in Montgomery, U.S.

Company Profile

Aviation Manufacturing/Repair

Contact Person

Director IT

Problem

The company needed to get rid of end-of-life physical servers and achieve redundancy.

Solution

With StarWind HCA, the company gets a flexible, scalable, and easy-to-manage hyperconverged IT infrastructure, while reducing the overall hardware footprint.

Kelly Aerospace reduces its IT operational expenses by deploying a hyperconverged infrastructure with StarWind HCI Appliance (HCA)

Problem

Before implementing StarWind HCI Appliance (HCA), **Kelly Aerospace** had a small older PC-based server farm with no redundancy or reliable backup solutions. It was built and added on through the years with no real growth plan. So, the company needed to replace its existing servers with a plan for future growth and redundancy. Kelly Aerospace did look briefly at several providers, but after viewing some demos and taking advice from someone that was using StarWind at the time, they ultimately chose StarWind and could not be happier.

Solution

Kelly Aerospace has chosen **StarWind HCA** as it seemed a very practical, easy-to-manage, and out-of-the-box turnkey solution. To accomplish the same thing without StarWind would have been a very large task involving many different technologies and external specialists to set up. Being a very small IT department, this was not feasible and would have cost exponentially more in the long run. **StarWind HCA** gave the company the newer technologies that the old PC-based servers could never offer them. Also, the critical issue of redundancy was fixed. As the business does grow, Kelly Aerospace feels confident that StarWind can help them meet needs and new requirements going forward.



With StarWind HCA, everything works like a dream and when I do have issues, support is there for me. StarWind software and systems are great and all, but the Support and the knowledge they possess are way above par.

Director IT

StarWind HyperConverged Appliance Configuration

Appliance Model	HCA P-Spec 13.4
Cluster Size	2 nodes
Cluster density	2U
Servers	Dell PowerEdge R640
CPU	2 x Intel Silver 4208, 2.1 GHz, 8 cores, 16 threads per node
Memory	8 x 16GB Dell DDR4 Registered (128 GB total) per node
Cluster Storage Capacity	13.4 TB of SSD storage
Disk Configuration	Dell Perc H740P MiniMono Controller 8 x Dell 1.92TB 6Gbps SATA Mix Use TLC 2.5" SSD S4610 per node Dell BOSS 2 x 240GB M.2 SSD
Networking	Mellanox ConnectX-4 Lx Dual Port 25GbE DA/SFP
Hypervisor	Hyper-V on Windows Server 2019