# StarWind
## HYPERCONVERGENCE

# Tryon International Equestrian Center saves more than $25K in hardware cost by replacing its aging servers with StarWind HCI Appliance (HCA)

**TRYON**
**INTERNATIONAL EQUESTRIAN CENTER**

**About the Company**
Tryon International Equestrian Center

**Company Profile**
Entertainment

**Contact Person**
Brendan McEnnerney, IT Manager

**Problem**
The organization required a turnkey platform to move to hyperconvergence.

**Solution**
Thanks to StarWind HCA, the company builds a hyperconverged infrastructure, cuts its IT operational expenses, and achieves HA with only two nodes.

## Problem

Before implementing StarWind HCI Appliance (HCA), **Tryon International Equestrian Center** had three different hosts running 20 virtual machines (VMs) with a VMware hypervisor on top in a non-highly-available (HA) setup. The existing infrastructure was old, and it was time to replace the hardware moving towards HA. All the options that the company researched and that could provide an HA setup involved using at least three nodes, which it really did not need. StarWind HCA became a win-win solution in terms of all the company's requirements.

## Solution

Tryon International Equestrian Center has chosen **StarWind HCA** as it allowed to have a high-quality HA setup with only two nodes at a very low price point. It allowed to lower the hardware cost drastically and make the IT infrastructure upgrade possible financially. StarWind's reputation for excellent customer service and extremely stable vSAN software were major factors as well. As for now, the company's new infrastructure powered by **StarWind HCA** works perfectly and does absolutely everything that the organization needs it to. On average, by implementing the StarWind solution, Tryon International Equestrian Center saved $25,000 over three years. Since the entire company's experience with StarWind has been fantastic, it will be using StarWind products for all of its future infrastructure needs.

> "
> I selected StarWind first and foremost because I could achieve an HA setup with only two nodes.
>
> **Brendan McEnnerney, IT Manager**

# StarWind HyperConverged Appliance Configuration

| Appliance Model | HCA P-Spec 7.6 |
|---|---|
| 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 | 16 x 16GB 2666MHz DDR4 (256 GB total) per node |
| Cluster Storage Capacity | 9.6 TB of All-Flash storage |
| Disk Configuration | Dell Perc H740P MiniMono Controller<br>BOSS controller card with 2 x M.2 Sticks 240GB (RAID 1)<br>9 x 960GB SSD SATA 6Gbps S4610 per node |
| Networking | Dell Intel X520 Dual Port 10Gb SFP & I350 Dual Port 1Gb RJ45 rNDC<br>Dell Mellanox ConnectX-4 CX4121A Dual Port 25GbE SFP+ |
| Hypervisor | Hyper-V on Windows Server 2019 |

To learn more, visit **www.starwindsoftware.com**