StarWind HYPERCONVERGENCE

Rocco's Collision Center reduces IT operational expenses by building a hyperconverged infrastructure around StarWind HCA

Rocco's COLLISION

About the Company

Rocco's Collision Center is an American company located in Blackwood, New Jersey, that provides auto body and collision repair services.

Company Profile

Automotive industry

Contact Person

Director of Information Technology

Problem

The company needed a hyperconverged platform to manage and control its software resources from a single pane of glass.

Solution

With StarWind HCA, the company achieves seamlessness needed to manage its software resources, resolves a vendor lock-in issue, and gets a single-pane-of-glass tool to operate its IT infrastructure.

Problem

Before using StarWind HyperConverged Appliance (HCA), **Rocco's Collision Center** had a Scale Computing KVM- and Hyper-V-based hyperconverged infrastructure with hybrid SSDs and no GPU. The existing solution did not provide the company access other than GUI access to create and delete virtual machines (VMs). Rocco's Collision Center was vendor-locked when researching or resolving any issue. So, getting the freedom of choice and simplicity in IT infrastructure management were the primary points the company wanted to bring in.

Solution

Rocco's Collision Center chose **StarWind HCA** primarily over the seamlessness it provides through the easy usability of a GUI if required. Yet the StarWind product still gives the company access to the power tools of Hyper-V and behind the scenes. All this is done with StarWind Command Center, a convenient single-pane-of-glass management and monitoring web UI. There is no longer a vendor lock-in problem since **StarWind HCA** provided complete freedom of choice in building an IT infrastructure, saving near $50,000 over 5 years at that. In the future when needed to expand or renew its environment, Rocco's Collision Center plans to continue using StarWind products.

> By choosing StarWind, we saved 50% of our StarWind purchase, the minimum probably $50,000 over a 5-year period.
>
> **Director of Information Technology**

StarWind HyperConverged Appliance Configuration

Appliance Model	HCA P-Spec 23
Cluster Size	2 nodes
Cluster density	4U
Servers	Dell PowerEdge R740xd
CPU	2 x Intel Xeon Gold 6246R, 3.4 GHz, 16 cores, 32 threads per node
Memory	16 x 32 GB RAM (512 GB total) per node
Cluster Storage Capacity	23 TB of All-Flash storage
Disk Configuration	13 x Dell 1.92TB 6Gbps SATA Mix Use TLC 2.5 SSD S4600 per node 2 x 240GB M.2 SSD (RAID 1) per node
Networking	1 x Intel X520 DP 10Gb DA/SFP+, + I350 DP 1Gb Ethernet, Network Daughter Card 1 x Mellanox ConnectX-4 Lx Dual Port 25GbE DA/SFP Network Adapter
Hypervisor	Hyper-V on Windows Server 2019

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