

# Telecommunication Company Standardize on Hyper-Converged Appliance HA Cluster and Failover Features for the Small and Medium Businesses



*DataON Microsoft Hyper-Converged Cluster-in-a-Box(CiB) Appliance Engineered From The Ground Up To Scale Highly-Available Compute And Shared Storage Services In A Highly Efficient And Energy Saving Condensed Footprint.*

## The Challenge

Need a Microsoft certified Hyper-Converged appliance that enables seamless integration and efficient deployment of Windows 2012 R2 Storage Spaces

## The Solution

DataON Certified Storage Bundle for Microsoft Windows Server 2012 R2 Storage Spaces and Microsoft Cluster-in-a-Box (CiB) containing Microsoft Enterprise Applications and Microsoft Virtualization with Hyper-V

## The Benefits

- An easy to deploy and scalable Hyper-Converged appliance with predictable workload and failover capability
- Best price-performance platform
- Improve TCO from a resilient infrastructure with Enterprise performance-tuned storage tiering yielding high IOPS and low latency

## Customer Background and Needs:

Rooted in the telephone service and business solutions to their customers, This company is a fourth generation family owned telecom company that is running Microsoft based application and have deployed Microsoft Hyper-V across its virtualized environment. The company provides turnkey business solution to their customer including manage services, surveillance, storage and infrastructure virtualization based on Microsoft Window 2012 R2. This telecommunications company needed a Microsoft certified Hyper-Converged appliance that enables seamless integration and efficient deployment of Microsoft 2012 R2 Storage Spaces and Hyper-V virtualization with HA Cluster and failover features for the Small and Medium Businesses. They also looked for a cost reduction and improved performance without dramatically increased IT budget while also meeting the need to efficiently deploy Microsoft Hyper-V with one box cluster solution and modular hardware design with no single point of failure. They wanted a solution with cutting edge product and aligned with Microsoft technology, to unclutter and standardize the infrastructure that was able to deploy affordable Microsoft applications effortlessly. With the ability to provide value-added services to customers for cloud back storage solutions.

## The Solution:

### DataON Certified Storage Bundle and Microsoft Cluster-In-a-Box (CiB)

To meet their needs the company purchased the DataON Certified Storage Bundle for Microsoft Windows Server 2012 R2 Storage Spaces and Microsoft Cluster-in-a-Box (CiB) with the Microsoft enterprise applications and Microsoft Virtualization with Hyper-V solution.

## Customer Benefits:

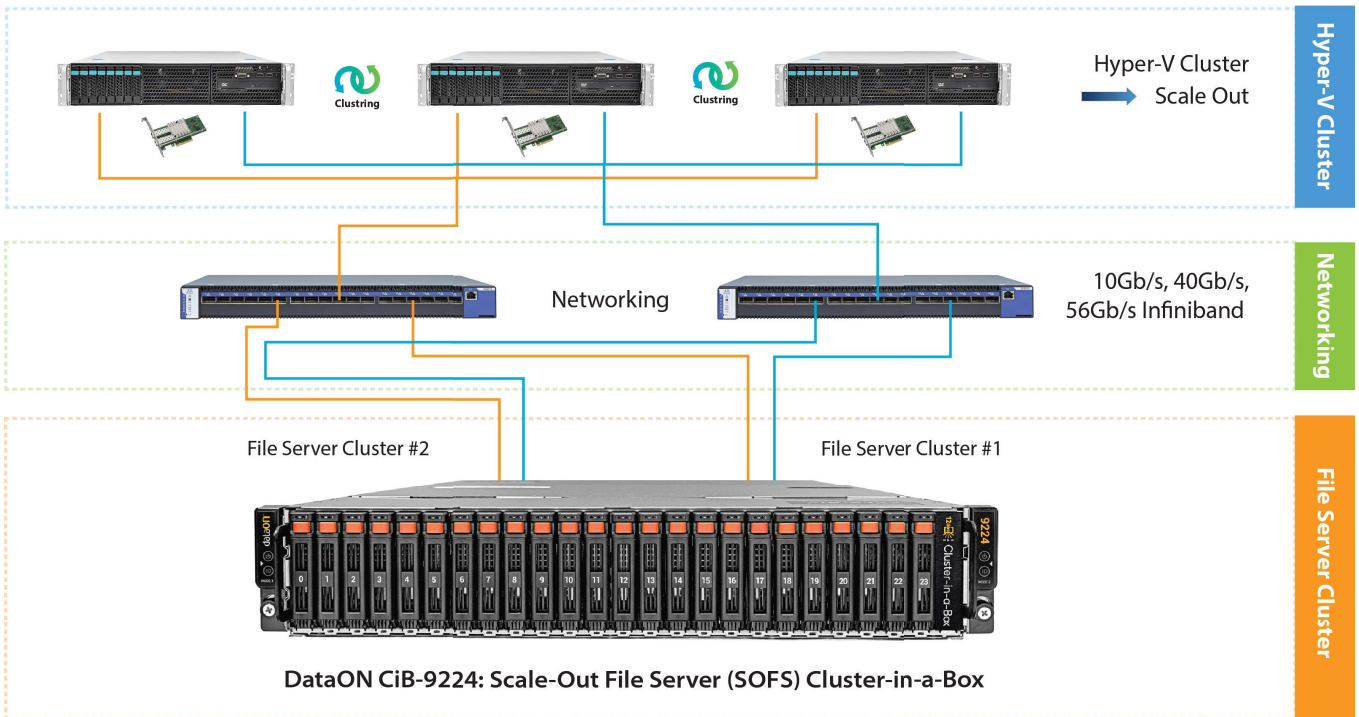
- Run all Microsoft enterprise applications in a Microsoft Hyper-V virtualized environment with continuous uptime and no single point of failure
- An easy to deploy and scalable Hyper-Converged appliance with predictable workload and failover capability
- Best price-performance platform that delivers resilient and HA infrastructure with high IOP and low latency
- Improve TCO from a resilient infrastructure with enterprise performance-tuned storage tiering yielding high IOPS and low latency
- DataON team provided concrete solution configuration and detail deployment options

Solution Components



DataON CIB-9224 V12	
Specifications	<ul style="list-style-type: none"> <li>• Hyper-converged dual node Cluster-in-a-Box</li> <li>• Intel Xeon appliance, up to 144 virtual cores</li> <li>• Up to 1TB memory; sufficient for 100s of VMs</li> <li>• 48TB tiered HDD/SSD shared storage capacity</li> <li>• Zero points of failure: dual domain, dual path</li> </ul>
Qualifications	<ul style="list-style-type: none"> <li>• Swift and simplified deployment architecture</li> <li>• Enables resilient easy to manage storage topology</li> <li>• Pay-as-you-grow with predictable performance</li> <li>• Scale-out and scale-up with additional appliances</li> <li>• Increase Microsoft-defined data center efficiency</li> </ul>

Solution Topology



DataON Storage is the trusted provider of agile OS-agnostic storage and hyper-converged platforms for Microsoft-Defined Data Centers and Small to Medium Businesses. As the leading Microsoft Gold Partner of certified storage solutions, DataON offers ultra-resilient petabyte scalable and high IOPS performance solutions built to simplify storage strategies for software-defined storage data centers, desktop virtualization (VDI) and private cloud. More at [www.DataONstorage.com](http://www.DataONstorage.com) or call +1 (888)726-8588 or comment via @DataON.