



# CompuCraft – Premier Managed Service Provider in Michigan Improves SLAs with Windows Server 2012

## DataON Cluster-in-a-Box (CiB) Deploys New Storage Infrastructure While Being Cost Effective

### The Challenge



- Update IT infrastructure
- Upgrade to Windows Server 2012 R2
- Create high-availability clustered system

### The Solution



DataON Cluster-in-a-Box 9224 provides a redundant clustered system for high-availability systems. Single appliance cluster system reduces data center footprint and capital expenditures.

### The Result



- Upgraded to Windows Server 2012 R2
- Deployed Hyper-V
- High-availability
- Fail-over clustered system

### Customer Background

CompuCraft is the premier Managed Service Provider in Western Michigan providing IT support and services since 1987. CompuCraft offers businesses locally based cloud services such as managed back up services such as their StrataVault, a managed services package Encompass, and Strata Center an email, contacts and calendar applications. CompuCraft services a wide array of customers from SMBs, educators, medical offices, manufactures and creative agencies as well. CompuCraft prides itself on its culture of continuous education and improvement. This dedication to improvement is carried over to their data center.

### IT Challenge – Improving Customers SLA Cost Effectively

CompuCraft has dedicated themselves to continual improvement in order to always provided the best service possible to their customers. In the spirit of this continual improvement CompuCraft sought to improve their data center infrastructure. Their concerns centered around providing greater reliability and uptime to their customers and to meet their service level agreements. CompuCraft's current offerings focused on Microsoft based Exchange, network security and FTP applications. CompuCraft was interested increasing the performance of their data center hardware to achieve improved SLAs but was focused on doing so without drastically raising costs. To meet these needs CompuCraft chose to focus on creating a Microsoft software defined data center.

### Making a Microsoft Storage Decision

CompuCraft set out to create a Microsoft software defined data center after seeing the performance and cost effectiveness of similar deployments demonstrated at Microsoft Ignite. A key point for CompuCraft was Storage Spaces 2012, which would allow CompuCraft to create virtualized storage pool to support their many VM deployments. Secondly, was the option of using Scale Out File Servers (SOFS), which would provide the ability to scale out quickly as the company grows. In addition to the SOFS and Storage Spaces, Windows Server 2012 provided virtualization in the form of Hyper-V, a powerful hyper-visor, for a fraction of the cost of other virtualization software. Finally since it would be the same of operating system as many of their current applications, there would be fewer compatibility issues.

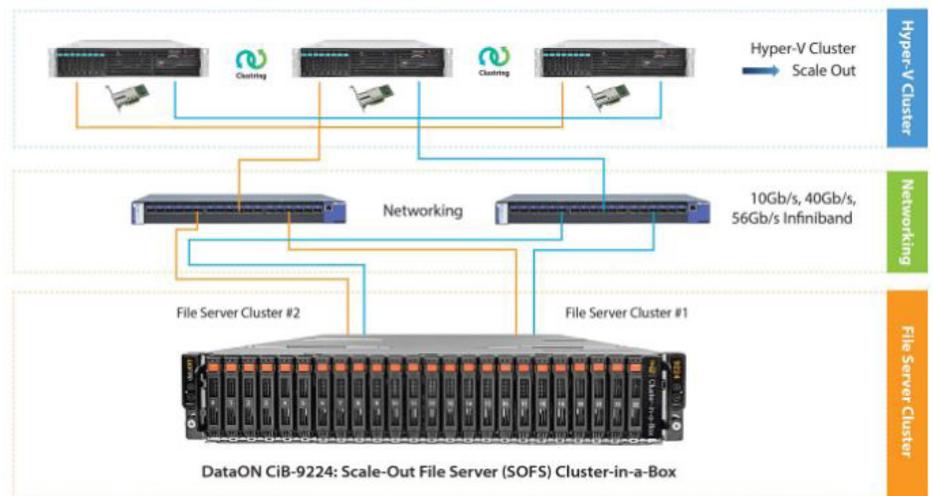
### Why DataON?

DataON is an industry leader in Hyper-Converged Clusters for storage and virtualization applications. Specializing in storage and virtualization deployments using Windows Server, DataON brings close technical ties and expertise in Windows Server to each deployment. For CompuCraft, DataON recommended a Cluster in a Box appliance the CiB-9224. The CiB-9224 offers a dual node cluster server in a condense 2U form factor. The CiB-9224 as dual node cluster server is perfect for creating fail-over clusters. The CiB-9224 dual node cluster can be configured with Active/Active and Passive/Active high-availability configurations, allowing enterprises the ability to maximize performance or favor redundancy. Tired SSD/HDD storage allows enterprises to customize their storage for performance, capacity, and cost effectiveness.

## Results:

With DataON's CiB-9224 CompuCraft gained a single hyper-converged appliance to manage their virtualized storage. The CiB-9224 dual node cluster provides a highly available clustered system with fail over capability providing unmatched reliability to meet SLAs. The combination of tiered SSD/HDDs provide a cost-effective mix of capacity, low latency and IOPs.

### Solution Topology



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### About DataON™

DataON™ is the industry leading provider for Hyper-Converged Cluster Appliances (HCCA) and storage systems optimized for Microsoft® Windows Server environments. Our solutions are built with the single purpose of rapidly and seamlessly deploying Microsoft applications, virtualization, data protection, and hybrid cloud services. Our company is focused on customers who have made the "Microsoft Choice" and we provide the ultimate platform for the Microsoft Software-Defined Data Center (SDDC). DataON™ is a division of Area Electronics Systems, Inc.