

# MaxDeploy Hyper-Converged Appliances

## Maximize the Promise of Hyper-convergence

- ✓ **Converged Compute & Storage on Standard Servers**
- ✓ **Choice of Pre-configured and Pre-validated Hardware Platform**
- ✓ **Simplified Management with Best-In-Class Reliability and Data Services**
- ✓ **Unbeatable CapEx and OpEx Savings**

## What is a MaxDeploy Hyper-Converged Appliance?

### Flexible. Simple. Scalable. Efficient.

MaxDeploy™ Hyper-converged Appliances enable the convergence of applications, server virtualization and storage on industry standard servers. Pre-validated and pre-configured MaxDeploy Appliances utilize Maxta® software delivering exceptional simplicity and scalability. Aggregated storage resources are presented as a single shared storage pool, eliminating the need for storage arrays and storage networking. Partners deliver a complete hyper-converged solution including hardware, virtualization platform and Maxta software on the customer's choice of x86 servers. MaxDeploy hyper-converged appliances are a great fit for customers ranging from SME to large enterprises and Managed Service Providers.

### Flexible: Maximum Choice

- ✓ Any x86 industry-standard server via your preferred Maxta Partner
- ✓ Multiple Virtualization Platforms: VMware vSphere, KVM, OpenStack
- ✓ Configurable with any combination of storage devices

### Simple: Manage VMs not Storage

- ✓ Enables you to focus on managing applications and VMs, not storage
- ✓ Zero to configuring VMs in 15 minutes or less
- ✓ Data services are configured and managed at the VM-level

### Scalable: Up, Out and Independently

- ✓ Scale up and Scale out without compromises
- ✓ Compute and storage can be scaled independently

### Efficient: CAPEX/ OPEX Savings

- ✓ Eliminate complex and costly SAN and NAS storage
- ✓ No need to forecast and manage different physical resource pools
- ✓ Optimized for Flash performance and disk drive capacity

## Primary Use Cases

- ✓ Business Applications
- ✓ VDI
- ✓ Remote/Branch Office
- ✓ Disaster Recovery
- ✓ Test & Development

## Target Customers

- ✓ Finance
- ✓ MSPs/ISPs
- ✓ Healthcare
- ✓ SLED (State, Local Gov. & Ed.)
- ✓ Manufacturing
- ✓ Retail

## Benefits

- ✓ Fast deployment of new VMs
- ✓ Reduced installation time
- ✓ Non-disruptive upgrades
- ✓ Reduce administration cost
- ✓ Pay-as-you-grow model
- ✓ Data Integrity & security
- ✓ Highly efficient snapshots and clones
- ✓ Efficient Capacity Optimization

## Capacity Optimization

- ✓ Thin provisioning
- ✓ In-line Compression and De-Duplication
- ✓ Space reclamation

## Resiliency/HA

- ✓ Local mirror + local replication
- ✓ Strong checksums & RAID support
- ✓ Metro storage cluster support

## Data Services

- ✓ VM level snapshots, zero-copy clones
- ✓ End to end data integrity
- ✓ VM policy management

## Scalability & Performance

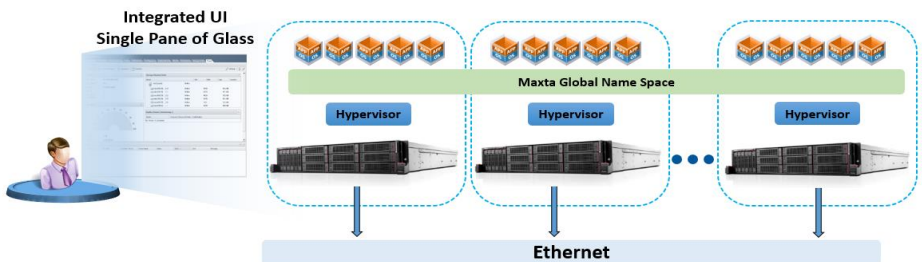
- ✓ Scale out and scale up
- ✓ Scale compute and storage independently
- ✓ Linear performance scalability

## Usability and Management

- ✓ Manage storage and VMs through single UI
- ✓ Automated mapping of VMs and storage
- ✓ Simple and fast installation

## MaxDeploy Hyper-Converged Architecture

MaxDeploy Hyper-converged appliance's innovative, peer-to-peer architecture aggregates storage resources from multiple servers in the cluster, incorporating a global namespace and creating a Maxta storage pool that is highly available and can sustain multiple failures. An instance of Maxta software is installed on each of the servers in the cluster. All the servers running Maxta have access to the aggregated storage pool. The communication between Maxta instances is over Ethernet. The software is designed to maximize the probability that a VM and its associated storage resources are on the same servers, eliminating the network roundtrip latency.



## Support

MaxDeploy Hyper-converged appliances provide a unique support model where customers can leverage existing top tier server support services delivering rapid resolution to hardware issues. Maxta's MxCloudConnect delivers cloud based data analytics for proactive problem identification and resolution.

## MaxDeploy Server Partners



## Maximize the Promise of Hyper-convergence

Maxta hyper-converged solutions deliver on the promise of hyper-convergence for cloud and data centers eliminating the need for complex and costly SAN or NAS storage. The architecture delivers the ability to combine best-in-class technology for compute and storage components. Maxta delivers a simple and cost effective platform without compromising features, high availability, data availability or performance. For more information visit <http://www.maxta.com/solutions> or contact Maxta at [sales@maxta.com](mailto:sales@maxta.com).



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