

## Ransomware Protection and Security Features

- Integrated Harden Veeam Engine (optional)
- Software Defined Network Isolation Zone
- Air-Gapped and Immutable Repositories, Controllers, and Nodes
- Immutable File and Object Lockdown
- Immutable Delta-Based Snapshots
- Volume Deletion Protection
- Multi-Factor Authentication (MFA)
- Anti-Virus Scanner
- End-to-End Encryption-Transit/Rest
- Self-Healing from Data corruption
- Hardware Based Encryption Engine
- Recycle Bin Programmable
- Chain of Command Security in Multi-Controller
- Sandbox for Testing and Clean Spin up
- Direct VM Spin Up
- FastTrack Restore
- Automated Failover/Failback
- Backup and Restore Accelerator (BRA)
- Cloud Connect to Public/Private Clouds (For 3-2-1-0 Strategy)

## Storage Features

- SAN Block Storage (iSCSI & Fibre Channel)
- NAS (File based) CIFS/NFS Storage
- Object S3 Storage
- Block mode Replication Async and Sync
- Expansion - Scale Up Support
- Expansion - Scale Out Support
- Scale Up to 128 Nodes
- Cloud Connector to Azure/AWS/S3

## Storage Optimization Features

- Deduplication - Variable block support
- Thin Provisioning for repositories
- Space Reclamation Technology
- Frontend SSD Caching
- Hot/Cold Storage Tiering Support Cloud/SSD/NVMe
- Single Name space Scale out Support
- Load Balancing

## Management Features

- Single Pane of Management
- Ease-of-Deployment
- Ease-of-Use
- Real-time Monitoring and Reporting



# StoneFly USS

## Unified Storage & Server Hyper-converged Infrastructure (HCI)

### USS Overview

The Unified Storage & Server (USS) is a HCI that combines storage, networking, compute and virtualization technology into one easy-to-manage solution.

The USS appliances come preconfigured with industry standard hypervisors, StoneFly storage OS (SCVM), and software-defined networking.

StoneFly USS enables users to run databases, applications, store data, deploy VDIs, and provision virtual SAN (vSAN), NAS, & S3 volumes to facilitate a wide array of requirements.

### USS Capabilities

- Run applications, databases, & other Linux or Windows VMs
- Store redundant copies in the cloud
- Manage all VMs from a single management interface
- Compute & storage in a single solution - no latency or delay

### Preconfigured with

- StoneFly SCVM

Deployed on any of the following hypervisors:

- VMware
- Microsoft Hyper-V
- KVM
- Citrix or XenServer
- StoneFly Persepolis

Bring your own license - or buy licenses from StoneFly.

### USS Appliance Series Options

- **XS-Series:** 10 to 28 Core Xeon Processor
- **XD-Series:** Dual 10 to 28 Core Xeon Processors

4 to 36-bay rackmounts



## Got Questions?

Learn More:

<https://stonefly.com/hyper-converged/appliance>



[www.stonefly.com](http://www.stonefly.com)



+1 (510) 265-1616



[sales@stonefly.com](mailto:sales@stonefly.com)