

## Ransomware Protection and Security Features

- Software Defined Network Isolation Zone
- Immutable Delta-Based Snapshots
- Air Gapped & Immutable Controller(s)
- Air-Gapped and Immutable Physical Node(s)
- Self-Healing from Data Corruption
- End-to-End Encryption Transit/Rest
- Hardware Based Encryption Engine
- Recycle Bin Programmable
- Chain of Command Security in Multi-Controller
- Anti-ransomware/Malware/Viruses Scanner
- Automated Failover/Failback
- Multi-Factor Authentication (MFA)
- Volume Deletion Protection

## Storage Features

- SAN Block Storage (iSCSI & Fibre channel)
- Expansion - Scale Up Support
- Scale Up to 128 Nodes

## Storage Optimization Features

- Deduplication - Variable Block Support
- Thin Provisioning for Repositories
- Frontend SSD Caching
- Hot/Cold Storage Tiering Support Cloud/SSD/NVMe
- Load Balancing

## Management Features

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

## Got Questions?

Learn More:

<https://stonefly.com/storage/san-storage>



# StoneFly ISC

## Integrated Storage Area Network (SAN) Systems

### ISC Overview

The Integrated Storage Concentrator (ISC) is an 10/40/100Gb iSCSI or optional 8/16Gb Fibre Channel SAN storage system. The ISC appliances come preconfigured with StoneFly storage OS (StoneFusion) - an 8th generation patented storage virtualization solution that puts data owners in control of their data & storage resources with a mix of data protection, storage optimization & monitoring features.

Equipped with powerful multi-core processors, the ISC delivers high performance SAN capabilities for enterprise workloads.

### ISC Capabilities

- Run applications, databases, & other software on SAN volumes
- Reduce SAN volume footprint with advanced deduplication
- Efficient storage space utilization with thin provisioning
- Simplified management with centralized management interface

### Preconfigured with

StoneFly 8th gen patented StoneFusion SAN OS with advanced storage optimization and high-performance compute capabilities.

4-bay to 36-bay rackmounts



### ISC Appliance Series Options

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



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