



Simply Better Storage.

# *Simply Better Storage*

Intelligent. Scale-out. Unified. Affordable.



*Finally,*

a self-managing storage system that takes the stress out of storage.

## Who We Are

Scale Computing provides enterprise-class, intelligent data storage solutions for small to medium-sized enterprises. Our products are simple to understand, easy to configure and even easier to manage.

## The Scale Difference

### 1. Full functionality is included in every Scale storage node.

- No extra charges for additional protocols, features licenses, drives or maintenance programs.

### 2. Future-Proof Storage.

- Mix and match storage nodes and add protocols to the same cluster without changing your hardware.
- Protocols added tomorrow will work with the storage you buy today.

### 3. Price Advantage.

- Enterprise-class functionality at a fraction of the cost of most storage providers.

(Scale often outperforms solutions that cost twice as much.)

## Business Benefits

Reducing your costs, increasing your control, and managing storage more conveniently are goals Scale Computing can help you achieve. In fact, we designed our storage with these benefits in mind.

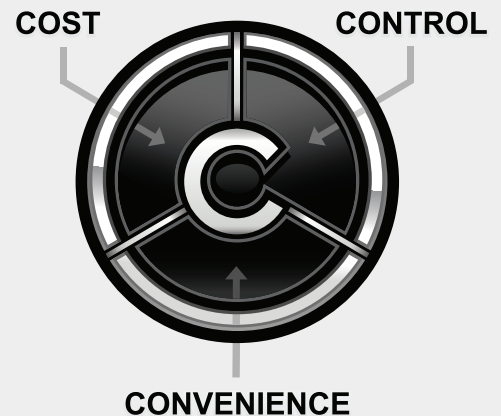
Reduce **COSTS** by building the storage cluster you need, when you need it. Scale-out capabilities and the ability to mix and match node capacities, allow you to purchase storage exactly the way you need it. Scale's unified SAN and NAS protocols provide you with the opportunity to consolidate file servers, thereby reducing your costs.

Increase **CONTROL** over your storage solution by allowing the Intelligent Rebalance feature to manage data protection for you, giving you maximum, worry-free control over your system.

Make storage more **CONVENIENT** with Scale's Intelligent Pre-Fetch technology. You will access data faster without the need for ILM.

*“ We were able to save a lot of time with setup, free up a great amount of server space and reduce cooling and electric costs, all without our users ever missing a moment of productivity. We've already seen our investment pay for itself. ”*

- Brian Beck, CIO, GEO Foundation



## Storage Node Features

The technology behind every Scale storage node is Scale's own award-winning Intelligent Clustered Operating System™ (ICOS). Every Scale storage node includes a full version of ICOS technology, which are must-have features for small and medium-sized businesses.

## Graphical User Interface



## Benefits and Features of Scale Computing's Intelligent Storage

Benefits	Features
<p><b>Scalable</b></p> <ul style="list-style-type: none"> <li>Scale-out storage as capacity is needed</li> </ul> <p><b>Flexible</b></p> <ul style="list-style-type: none"> <li>Mix and match node capacities</li> <li>Future-proof your investment</li> <li>Add nodes without service downtime</li> </ul>	<p><b>Intelligent Density Adjustment</b></p> <p><b>Scale Storage is clustered; NOT controller-based.</b> Clustered storage eliminates the risk of bottlenecks and has no single point of failure</p> <p><b>New drive capacities are automatically read,</b> allowing for nodes of various capacities to be added with no service disruption. ICOS™ automatically reads new drive capacities and seamlessly adds it to the storage pool.</p>
<p><b>Unified</b></p> <ul style="list-style-type: none"> <li>Eliminate dedicated file servers</li> <li>Run multiple protocols with no additional costs</li> </ul>	<p><b>Protocol Abstraction Layer (PAL)</b></p> <p>ICOS™ technology allows SAN and NAS to run simultaneously, supporting iSCSI, CIFS, and NFS. File servers can be consolidated as a result. This unique technology supports multiple protocols without the cost of additional protocol licenses.</p>
<p><b>Easy to Use</b></p> <ul style="list-style-type: none"> <li>Stress-free management</li> <li>Enhanced storage performance</li> <li>Ultimate data protection</li> </ul>	<p><b>Intelligent Pre-Fetch</b></p> <p><b>Automatically get the data you need, BEFORE you even request it.</b> ICOS™ anticipates data needed based on usage profiles and pre-fetches into the cache, thereby creating instant access to the files requested and maximizing I/O speed.</p> <p><b>Intelligent Rebalance</b></p> <p><b>Unlike other systems</b> that require dedicated hot spare drives that sit idle waiting for a failure and require long re-build times, ICOS™ uses all the drives all the time. In the event of a drive failure, ICOS™ uses available space in the cluster to automatically recreate lost copies.</p>
<p><b>Affordable</b></p> <ul style="list-style-type: none"> <li>Reduce costs</li> </ul>	<p><b>A Fraction of the Cost of Competing Products</b></p> <div style="display: flex; align-items: center;"> <div style="margin-right: 20px;"> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: #d4af37; margin-right: 5px;"></span> Dell PS 6000E</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: #e67e22; margin-right: 5px;"></span> HP LeftHand Networks StarterSAN</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: #c0392b; margin-right: 5px;"></span> Scale ICS 3TB usable (6TB raw) Starter Cluster</li> </ul> </div> <div> </div> </div>

## Scale Storage Hardware Options

Every Scale Storage series includes the full functionality of ICOS™. The below table will help you select the best series and hardware configurations to fit your specific needs.

### Build your own Scale Solution in Two Easy Steps

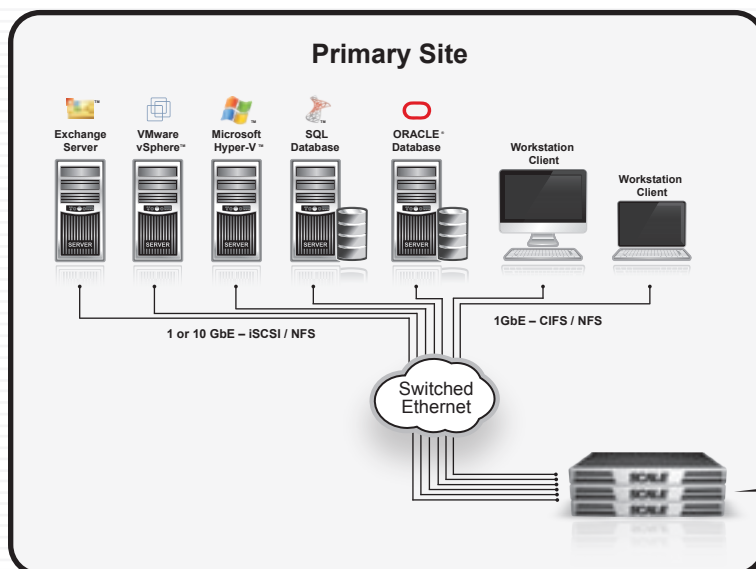
1. Choose a series (N, S or M) that best suits your needs.
2. Select the node capacity and drive type based on what is available for each series.

*\*Starter Cluster includes 3-Nodes of the same series*



Product Series :	N - Series	S - Series	M - Series
<b>Description</b>	<p><b>“Entry-Level &amp; Remote Office”</b></p> <p>The N-Series is a cost effective starter SAN. Lower capacity relative to the other lines, the N-Series packs the full features of ICOS™ into a product with a sub-\$8,000 price point.</p> <p>The N-Series is the smart little system you never thought you'd need, but will realize you can't live without.</p>	<p><b>“All Purpose SAN/NAS”</b></p> <p>With multiple capacities and configurations available, the S-Series is the workhorse of datastorage.</p> <p>The S-Series serves most SME requirements and expands easily to meet growth.</p>	<p><b>“Performance and Database”</b></p> <p>The M-Series is the high performance line of Scale products. Fitted with high availability features and performance hardware, the M-Series is the perfected adjunct to the S-Series.</p> <p>M-Series products are intelligent, sophisticated, fast and grossly under-priced.</p>
<b>Ideal Use Cases</b>	First-time SAN buyers, remote offices, disk backup.	Virtualization, archiving, back-up, some databases, large sequential image stores, video archives.	MS Exchange, virtualization, databases, storage unification, random data.

## Typical Network Configuration



Shown is a typical network configuration. Scale's storage nodes work in any switched Ethernet environment, including those with 10 GbE support, providing the proper switch is used. With Scale's unified block and file-level system, users can access file data on the cluster directly using iSCSI, CIFS or NFS. As a result, file servers are eliminated, providing a tremendous cost savings to the organization.

**To get started with Scale, call us today at 1-877-SCALE-59**