

# ContainerIO

## Enterprise Storage for Containers

### Benefits

#### Ready for Containers

Purpose built for containers and tightly integrated with schedulers. Built-in storage orchestration delivers agility and data persistence for stateful apps such as databases

#### Application Intent

Storage deployed based on application intent, greatly simplifying operations

#### Speed and Performance

Storage deployed on demand in seconds with guaranteed performance settings

#### Hybrid Cloud

Deploys on-premises for bare metal container cloud or in the public cloud

### Remaking Storage for Containers

Digital transformation is driving the need for business agility, rapid application development and deployment. As a result, adoption of container technology and implementation of cloud native applications is a competitive necessity. These new applications have fundamentally changed the requirements for the underlying storage infrastructure.

Unfortunately most companies are still coping with a legacy networked storage model based on proprietary hardware, complex storage stacks that are slow to provision, and is relatively static compared to today's dynamic application environment. Companies deploying cloud native applications need storage that matches the agility of containers. Solving this painful user experience of legacy networked storage is why Storidge was started. Our focus on user experience is what drives us to remake storage that developers can deploy and use.

Storidge provides a storage solution purpose-built for containers. Our software makes it much easier for you to rapidly deploy applications with persistent data.



# Why Choose Storidge?

Storidge's CIO software is:

 Container Ready	<ul style="list-style-type: none"><li>x Purpose-built for containers and tightly integrated with schedulers</li><li>x Data persistence for stateful applications such as databases and key value stores</li><li>x Embedded storage orchestration that moves volumes to container, simplifying operations</li><li>x Enterprise availability with failover in seconds for application or node failures</li><li>x Capable of supporting stateless and stateful applications on same infrastructure</li></ul>
 Application Aware	<ul style="list-style-type: none"><li>x Declare application requirements for storage through profiles</li><li>x Consistently deploy storage using profiles for applications, service levels, frameworks, etc.</li><li>x Storage as a service including shared storage with NFS interfaces</li><li>x Simple for any developer to setup their own distributed storage for persistent data</li></ul>
 High Performance	<ul style="list-style-type: none"><li>x Deploys on demand within seconds</li><li>x Low latency and high performance for databases</li><li>x Performance isolation to eliminate noisy neighbors in multi-tenant environments</li><li>x Quality of service guarantees with min/max IOPS settings</li></ul>
 Hybrid Cloud Ready	<ul style="list-style-type: none"><li>x Runs on-premises bare metal server or in cloud</li><li>x Seamless movement of volumes and applications between clouds avoids lock-in</li><li>x Operational agility enabled by easy cloud bursting</li><li>x Scales to thousands of volumes per server</li></ul>
 Secure	<ul style="list-style-type: none"><li>x Encryption can be enabled individually for each volume</li><li>x Multiple encryption keys per volume</li></ul>
 Efficient	<ul style="list-style-type: none"><li>x Cuts OPEX and CAPEX costs up to 70%</li><li>x Enables high performance from commodity servers and storage components</li><li>x Scale up or down based on demand</li><li>x Supports native apps, VMs and containers eliminating the need for duplicate infrastructure</li></ul>

Contact us to find out how we can redefine storage for you.

This solution is provided by Storidge.

For more information, please contact us at:

[info@storidge.com](mailto:info@storidge.com)

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

