

# SC//PLATFORM

The simple, scalable,  
highly available  
software solution for  
modern virtualization.



## Edge Computing and Hyperconverged Infrastructure Software

Edge Computing and Hyperconverged Infrastructure Scale Computing Platform brings simplicity, high availability, and scalability together, replacing the existing infrastructure and providing high availability for running VMs in a single, easy-to-manage platform.

### Simplicity

Eliminate mundane management tasks and save valuable time for IT administrators. The simplicity of SC//Platform directly impacts IT with higher productivity and lower costs.

### Scalability

Legacy applications will remain mission-critical, while modern applications will require new architectures. Simply mix and match the old and the new on the same infrastructure for a future-proof environment that can scale up or down as needed.

### Manageability

Combining centralized management with cloud and local automation allows infrastructure and applications to achieve and maintain the desired state throughout the entire life of the environment.



#### LOWER TOTAL COST OF OWNERSHIP

Reduce IT infrastructure costs in almost every way. With SC//Platform, hidden IT infrastructure costs such as unplanned downtime, management, maintenance, training, and consulting are reduced to almost nothing. Other solutions that integrate multiple vendor solutions only add complexity, which increases costs.



#### SECURE BY DESIGN

SC//Platform stands out with its 'secure by design' and 'secure by default' approach. SC//Platform has reduced software vulnerabilities with a secure appliance model that is easy to patch and maintain. This streamlined simplicity ensures that a secure deployment is achieved with considerably less effort and a lower risk of misconfiguration, offering a more robust and efficient solution for organizational security needs.



Scale Computing Platform has been consistently reliable and performing to a high standard since we implemented our first cluster back in 2012. During that time the system has seen consistent software upgrades which continue to unlock valuable features and provide added value for us. Upgrades are done without downtime. It is a system I trust to be the backbone of my network and data storage.

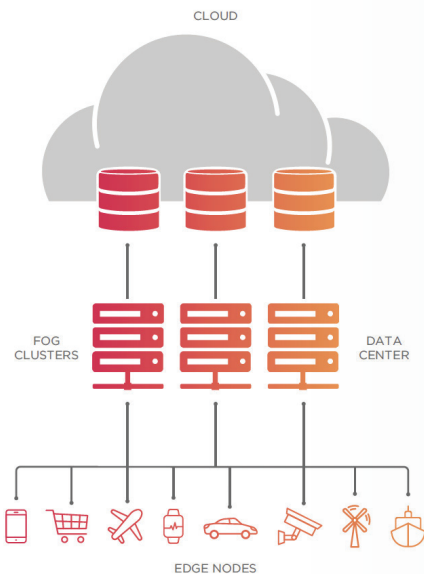




## SC//HYPERCORE

SC//HyperCore is the foundation for deploying, running, managing, and monitoring applications at the edge. From initial deployment and routine system maintenance to capacity expansion and hardware replacement, administrative tasks are easily automated and remotely executed. Combining centralized management with local automation allows infrastructure and applications to achieve and maintain the desired state throughout the entire life of the environment.

SC//HyperCore bundles a variety of adapted open-source and proprietary, intelligent software to create a simplified operating system. Custom-built utilizing the KVM architecture to integrate with the Scale Computing SCRIBE storage layer directly, SC//HyperCore makes virtualization and software automation look easy—and it is. The Scale Computing patented HyperCore™ technology identifies, reduces, and corrects problems in real time.



Name	Health	Nodes	VMs	Storage	Memory	CPU
US-Prod	Healthy	3	27 / 79	53%	45%	48%
PUB1	Healthy	3	9 / 16	1%	22%	9%
PUB2 - VDI	Healthy	3	27 / 39	26%	25%	16%
PUB3 - DR	Healthy	1	0 / 33	1%	7%	9%
PUB4 - ROBO	Healthy	1	1 / 9	9%	32%	9%
PUB5	Healthy	1	0 / 0	0%	3%	5%
US-DR	Healthy	3	11 / 113	48%	44%	22%
US-Edge	Healthy	1	2 / 12	21%	16%	4%
US-Union	Healthy	3	33 / 90	32%	51%	11%
WDVCAKCluster	Healthy	3	15 / 21	43%	32%	13%
WDVCCloudCluster	Healthy	1	0 / 4	26%	14%	5%
WDVCTSPCluster	Healthy	3	9 / 15	11%	36%	8%
The Combine	Healthy	3	5 / 8	22%	48%	4%
LS10-HC3-CL01	Healthy	3	10 / 14	26%	56%	5%
LS10-HC3-REP-01	Healthy	1	1 / 6	29%	26%	5%
SE3-ONEIL	Warning	3	5 / 16	43%	39%	5%
US-Union	Healthy	3	33 / 90	32%	51%	11%
WDVCAKCluster	Healthy	3	15 / 21	43%	32%	13%
WDVCCloudCluster	Healthy	1	0 / 4	26%	14%	5%

## SC//FLEET MANAGER

**An edge computing industry-first.** Monitor the health of your entire infrastructure deployment effortlessly with Scale Computing Fleet Manager. Simple search and sort capabilities allow you to create ad hoc views of infrastructure diagnostics grouped the way you want to see them, making it easy to find the details you're looking for within your entire infrastructure.

The single SC//Fleet Manager web-based management console consolidates real-time conditions for a fleet of clusters running SC//HyperCore. Instead of having to navigate to individual cluster UIs, SC//Fleet Manager gives users the ability to look at every cluster from a single pane of glass. Connectivity and cluster health can be checked with a quick glance. Users can then drill down into a specific cluster to diagnose and fix the problem if there is an issue. IT Administrators of multi-cluster deployments see a 50% or more reduction in administrative time by leveraging SC//Fleet Manager to centrally manage their fleet.

# USE CASES

## Edge Computing & Distributed Enterprise

Run applications and process data outside centralized data centers, at the edge of your network closest to where that data is created and utilized. Rapid deployment, self-healing, and web-based management capabilities mean that IT staff manage remote sites, such as branch offices, more efficiently and with less cost.

## Data Center

SC//Platform leads the hyperconverged infrastructure (HCI) industry in simplicity and cost-effectiveness, all while providing the performance and availability an organization requires. There's no need to manage the complexity of separate hardware and software components to support individual point solutions.

## Data Protection

Keep running in any situation by proactively preventing downtime, immediately and reliably restoring any piece of data, and scaling for growth. VM-level snapshots and replication allow for easy, instant, point-in-time recovery, and provide protection against

ransomware, malware, and accidental file deletion.

## Backup & Disaster Recovery

SC//Platform provides multiple options to implement local, offsite, and cloud-based backup and disaster recovery to minimize or eliminate downtime, and flexibility for data storage and application growth for critical on-premises applications. With integrations with third-party cybersecurity solutions, customers know their VMs and data are protected, and IT departments can choose the right fit for their organization's immediate needs.

## Containers

SC//Platform allows for seamless, programmatic deployment of containers. To run containers, users simply deploy a container-optimized operating system with a container runtime of choice (often Docker or in a Kubernetes environment, containerd or CRI-O). Our REST-APIs in SC//HyperCore and support of cloud-Init radically improve how users can run containerized workloads by automating the installation of

the operating system, container runtime, and workload containers.

## Virtual Desktop Infrastructure (VDI) & Remote Work

SC//Platform is uniquely positioned to make robust virtual desktop infrastructure deployments available no matter the size of your organization. VDI computing solutions allow you to host desktop environments on a centralized server, providing your employees with secure remote access to their desktops from any device, anywhere. This improves performance, security, and scalability while reducing the burden on your IT staff.

## Video Surveillance

SC//Platform solves the challenge and complexity of virtualization deployments of video surveillance and access control applications for customers and systems integrators alike. Choose the VMS or security vendor that best fits your needs and run your security and surveillance applications alongside other business-critical applications.

