



SC//PLATFORM

Faster time to value at the edge.



Edge Computing and Hyperconverged Infrastructure

Run your edge computing applications on a fully integrated platform for the easiest manageability and highest availability. Regardless of your hardware requirements, the same innovative software and simple user interface give you the power to run infrastructure efficiently at the edge. Scale Computing Platform combines everything you need: virtualization, servers, storage, and backup/disaster recovery with powerful fleet management to deliver a single manageable solution at scale for distributed edge locations.



SIMPLICITY

Ease-of-use and simplified management are what SC//Platform does best. Eliminate mundane management tasks and save the valuable time of IT administrators to allow them to focus on innovation and improving business processes. The simplicity of SC//Platform directly impacts IT with higher productivity and lower costs.

SCALABILITY

Plan the perfect future by not predicting it. Capacity and performance requirements and hardware specs will forever change. 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.

AVAILABILITY

Intelligent automation, redundancy, high availability, resiliency, and disaster recovery are built into SC//Platform in every way. Virtually eliminate downtime, and create more confidence with internal and external customers.

MANAGEABILITY

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.

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.

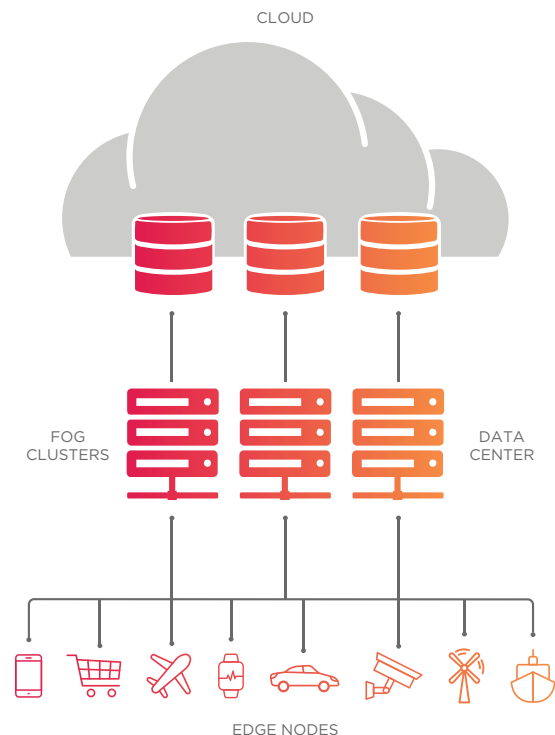
SC//HyperCore bundles a variety of adapted open source and proprietary, intelligent software to create a simplified operating system. Custom-built utilizing the KVM architecture to integrate with the Scale Computing SCRIBE storage layer directly, SC//HyperCore makes virtualization and software automation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

Name	Health	Nodes	VMs	Storage
Raptor	Disconnected	3	0 / 44	66%
victa	Critical	3	7	0 Data Not Collected
eng-build	Warning	8	33 / 44	74%
dd-charlotte-3272	Warning	1	2 / 7	86%
dd-napa-3273	Warning	1	6 / 7	70%
Precioussss	Info	3	2 / 3	8%
Scott Demo	Healthy	3	4 / 8	40%
HE155-Promo	Healthy	3	3 / 35	35%
dd-newyork-3270	Healthy	1	5 / 5	39%
dd-west-3271	Healthy	3	7 / 13	33%
pmLab-out50b	Healthy	3	23 / 62	62%
pmLab-openshift	Healthy	4	33 / 66	47%
web20a	Healthy	4	9 / 41	2%
dt20a-pmLab	Healthy	3	35 / 67	49%
oct18a-IndyHQ	Healthy	3	8 / 26	28%

cluster-level monitoring

FLEXIBILITY

Mix and Match Nodes. Hardware appliances of different sizes can be added to and coexist in the same cluster and contribute to the cluster storage pool. Even appliances with dissimilar storage such as all HDD, hybrid HDD + SSD, or all SSD can be combined as a cluster grows. This allows clusters to grow not just linearly, but in whatever way is needed or desired for application workloads. This support for different size cluster nodes can facilitate non-disruptive upgrades to the infrastructure by adding newer, bigger nodes and then retiring or repurposing older small nodes if desired, all while keeping the VMs running.



“Scale Computing Platform is totally different from other platforms in that it bundles all needed systems from storage, to servers, virtualization, backup, and recovery all in one converged infrastructure and enables firms to save on time and money by simplifying IT infrastructure and its management to build a single administrator. We needed a great system in our organization that comfortably allowed us to scale our IT infrastructure environment without compromising performance and making management more complex. SC//Platform is the only solution that provides us with the space to do so.”



SC// PLATFORM Use Cases

EDGE COMPUTING & DISTRIBUTED ENTERPRISE

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.

LOWER INFRASTRUCTURE TCO

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.

BUSINESS RESILIENCE

Provide multiple backup and disaster recovery locations, and options to minimize or eliminate downtime and flexibility for data storage and application growth for critical on-premises applications.

BACKUP & HIGH AVAILABILITY

SC//Platform provides more options to implement local, offsite, and cloud-based backup and integrates 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.

SOLUTIONS FOR YOUR ENTIRE BUSINESS



Single Server Replacement
1-5 VMs
Need HA / Fault Tolerance
On-Premises Operation

3-2-1 or 2-Server Replacement
5-10 VMs
Looking for Backup/Data Protection
On-Premises Replicate Back to Central Site