HC3 | EDGE™

Deploy self-managing micro-datacenters at the edge.

What is Edge Computing?

Edge computing encompasses any physical computing infrastructure intentionally located outside the four walls of the datacenter. Storage and compute resources can be placed where they are needed while hosted on a minimal hardware footprint. Infrastructure at the edge collects, processes, and reduces vast quantities of data, acting as a high performance bridge from local computing to both private and public clouds.

CLOUD/DATACENTER

EDGE COMPUTING

HC3 ··· HC3 ···
HC3 ··· HC3 ···
HC3 ··· HC3 ···
HC3 ···

INTERNET OF THINGS (IOT)

HC3 Use Cases

Edge computing is effective in nearly any type of industry where remote sites exist.

RETAIL

Whether managing dozens or hundreds of retail locations, retailers need reliable computing across their sites. Apps for point-of-sale, inventory management, security, and more all need maximum uptime and availability.

FINANCE

Banks and other financial institutions have multiple branch offices requiring secure and reliable computing to execute rapid, business-critical transactions.

MOBILE PLATFORMS

Shipping vessels, ocean liners, offshore platforms, defense, and remote construction have computing needs that can go beyond the edge of most networks. Mobile systems need to be autonomous, not reliant on stable external network connections.

INDUSTRIAL

Manufacturing and other industrial processes can span across multiple sites with high-tech computing needs for equipment and personnel. Industrial IoT devices like sensors require on-site computing performance.

ROBO

Any remote office or branch office locations at the edge require computing resources that keep productivity online.

IOT

Any IoT deployment may require edge computing. Direct-to-cloud communication may not be reliable or fast enough to process the vast amounts of collected data or run time-sensitive operations.

Leadership in Edge Computing

Scale Computing is the leader in edge computing innovation. Scale Computing's patented technology transforms isolated locations into unified, self-managing micro-datacenters for edge computing. When ease-of-use, high availability, and cost savings matter, Scale Computing's HC3 system is the ideal infrastructure solution.

- Over a decade of IT technology innovation.

- Unique, self-healing architecture powered by over 20 patents.

- Thousands of customer deployments and hundreds of published case studies.

Benefits of Edge Computing with HC3 Edge

HC3 is a powerful virtualization platform for running the workloads you require with high performance and efficiency.

MAXIMIZE UPTIME

Scale Computing's patented HyperCore technology enables machine intelligence to detect and mitigate infrastructure problems in real time. Combined with a clustered back-end architecture, this means applications stay running even as hardware problems arise or updates are applied.

UNIFIED PLATFORM SIMPLIFIES DEPLOYMENT AND MANAGEMENT

Eliminate silos of hardware and software. No VMware or hypervisor license is required and no VSA resource overhead is needed. Self-healing intelligence, local high-availability, remote disaster recovery, and hybrid cloud capabilities are built-in and automated by HyperCore. Additional resources can be mixed and added without downtime. Sites can be managed individually or centrally, with complete flexibility in how sites are grouped, orchestrated, and monitored.

EXTRAORDINARILY EASY

HC3 systems can be easily deployed in minutes with VMs up and running in less than an hour. No specialized training or certification is required - no on-site IT expertise is even required! The platform is designed to be as intuitive as a smartphone but as powerful as a full data center.

FANTASTIC ECONOMICS

HC3 provides the lowest edge acquisition and deployment cost in the world. A typical customer reduces on-going management costs by 60-80% due to HC3 automation and machine intelligence. Eliminate the cost of multiple silos of infrastructure hardware and software components and all of their required licensing. Reduce or eliminate the need for 4-hour onsite support. A single management interface can handle from one to thousands of deployments, and the HC3 platform can grow from the smallest edge location to the largest centralized datacenter under a single architecture.

V2 Version 2
w w w . v e r s i o n - 2 . c o m | 二版

Hong Kong
TEL : (852) 2893 8860
Email : sales@version-2.com.hk

Taiwan
TEL : (886) 02 7722 6899
Email : sales@version-2.com.tw

Singapore
TEL : (65) 6296 4268
Email : sales@version-2.com.sg

SCALE COMPUTING