

Lenovo Client Virtualization Solutions for Scale Computing

Education institutions of all sizes can benefit from fully integrated and innovative solutions to address their business resilience and remote learning needs.

Enhance learning experiences for remote learning, in the classroom, or on campus with Scale Computing HC3 infrastructure and solutions.

Now more than ever, education institutions of all sizes need a streamlined business resiliency plan that ensures data and curriculum is secure, and that students and staff are able to access these critical learning tools from anywhere, anytime. The first step in making this plan successful ensures that the solutions IT Managers select are simple to implement, manage, and maintain.

With virtual desktop infrastructure, advanced backup, and cyber protection solutions, Scale Computing HC3 and Lenovo are providing a fully integrated solution for institutions of any size to reduce the threat of education disruption.

“HC3 is just so easy,” said Ted Fisher, Director of Technology at Triton School Corporation. “I was creating new VMs in no time...all without any specialized training.”

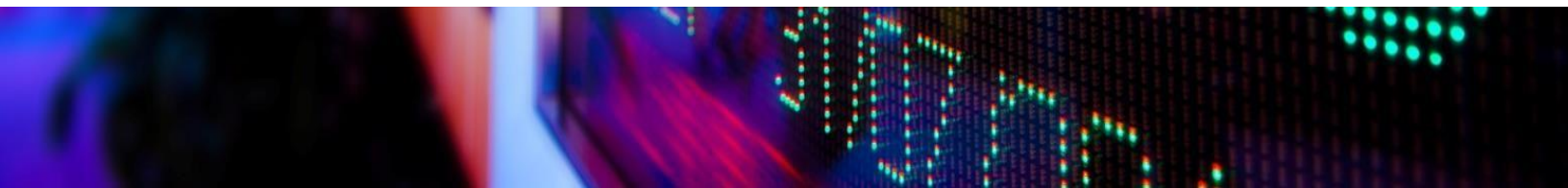
Features

- **Simple and Robust VDI** - easy to implement and sized to support organizations of any size, even small and midmarket organizations
- **Work from Anywhere** - Quickly connect remote users securely to existing infrastructure
- **Backup and Disaster Recovery** - Snapshot replication, failover, failback, and restore
- **Advanced Backup and Cloud Storage** - Backup and restore any and all VMs, whether you're running Windows, Linux, UNIX, or a desktop system
- **Ransomware and Other Cyber Threats** - Actively protect your extended network.

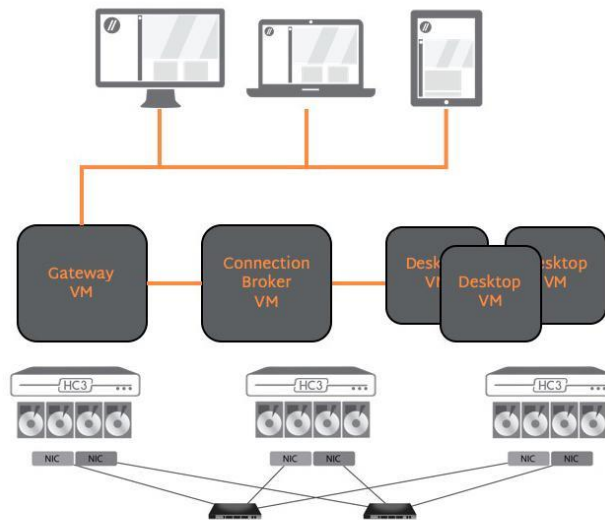
Reliable, Self-healing, Highly Available Architecture

The Scale Computing HC3 hyperconverged infrastructure platform was practically designed and built for business resilience. With native high-availability clustering, built-in disaster recovery features, and intelligent, automated self-healing capabilities, the HC3 platform is so reliable it practically eliminates downtime. Our HC3 platform can be deployed quickly, managed easily, and scaled out seamlessly and flexibly.

HC3 allowed us to update aging hardware and increase uptime/reliability because of the self-contained infrastructure. — Jason Carbaugh, IT Director, Central Fulton School District



Scale Computing VDI Architecture



Virtual Desktop Infrastructure

Scale Computing VDI solutions are built around our easy-to-use and highly available HC3 platform to deliver an equally easy and cost-effective VDI experience. With flexible bring your own device (BYOD) support and full life cycle management capabilities for virtual workstations, VDI solutions from Scale Computing are not just easy to implement but can be right-sized to support organizations of any size, even for the smallest of school districts who may have thought VDI was too large an investment in the past.

Ransomware Protection

Scale Computing offers Acronis Cyber Backup solutions with active ransomware protection features and a full complement of advanced data backup capabilities. Acronis actively monitors virtual machines and can detect ransomware attacks as they are occurring and automatically roll back ransomware infections in real-time. Acronis is not only a smart choice for ransomware protection but also a powerful backup solution for data protection and recovery. Find out more about Acronis solutions from Scale Computing on the Scale Computing website at <https://www.scalecomputing.com/acronis>

Case Study: The New Albany-Floyd County Consolidated School Corporation

The Scale HC3 VDI solution was recently implemented at Albany-Floyd (Indiana) Consolidated School District. When the pandemic first hit, the school district, like many others, was forced to quickly support a remote learning environment. Albany-Floyd was able to quickly and securely have all of their administrative staff working from home with remote desktop access on their existing IT infrastructure in just a few days following a one hour deployment, without the security risk of opening up VPN connectivity to BYOD devices they don't manage.

Summary

The HC3 turn-key appliance is a complete hyperconverged solution at a very attractive price point. See how Scale Computing is empowering today's modern learning environment through VDI at

<https://www.scalecomputing.com/education>

HC3 Solutions Infrastructure on Lenovo platforms

Scale Computing HC3 is certified on a number of Lenovo platforms. The HC3 series hyperconverged servers include compute, storage and virtualization typically sold in clusters of three or more to provide automatic failover and intelligent storage pooling.

Powered by Lenovo

Reference architectures exist for the following Lenovo ThinkSystem servers:

- [SR630](#) - A 1U, 2-socket server that provides extensive flexibility to fit almost any customer environment
- [SR650](#) - A 2U, 2-socket server that provides extensive flexibility, large memory, and vast storage capacity
- [SR250](#) - A 1U server for small and medium businesses needing optimized performance and flexibility for growth
- [ST250](#) - A 1U server for small and medium businesses needing optimized performance and flexibility for growth



For More Information

To learn more about Lenovo solutions for Scale Computing, contact your Lenovo sales representative or Business Partner or visit: <https://www.lenovo.com/us/en/data-center/solutions/oem/>

Other Resources:

White Paper - [Introduction to Scale Computing HC3 Edge](#)

Data Sheet - [Future-Ready Store Infrastructure](#)

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