



Industry Solution Brief: Education

THE
COMPETITIVE
EDGE

Smart Infrastructure for Smarter Campuses

Educational institutions increasingly rely on technology for everything from virtual learning and administrative systems to security and campus connectivity. However, managing a rising number of digital services across various locations, constrained budgets, and small IT teams poses an ongoing challenge.

SC//Platform provides a unified and highly available IT infrastructure that simplifies operations across your campus or district. It integrates virtualisation, storage, and disaster recovery into a single, easy-to-manage solution, enabling schools and universities to modernise with confidence while reducing complexity and costs.

Why SC//Platform for Education?

Educational IT teams must provide high performance, reliability, and security across various environments—classrooms, labs, libraries, dorms, and remote campuses. SC//Platform is designed to make that easier.

- Combines compute, storage, backup, and virtualisation into a single platform
- Requires no specialisation certifications or third-party hypervisors
- Supports everything from student information systems and LMS platforms to security applications and administrative workloads
- Easy to deploy and centrally manage across school sites or academic buildings

Built for Lean IT Teams

Schools and colleges rarely have large IT departments or budgets. SC//Platform reduces the need for highly specialised staff or vendor support, freeing up time and resources for strategic projects. Automation simplifies the infrastructure, making SC//Platform far easier to deploy and manage. The integration of storage, servers, hypervisor, and machine intelligence automates management tasks, saving you time and money. Spend less time managing infrastructure and more time on projects that will advance learning.

- Deploy in under an hour—even with generalist IT staff
- Single, centralised interface to manage all locations
- No need for external consultants or complex licensing models
- Built-in automation and self-healing technology save staff time

“Scale Computing is perfect specifically for education as it addresses all of our needs in tools, disaster recovery, reliability, and cost.”

— Mark Simmons, Director of Technology
Sabine Pass Independent School District

Built for Budget-Conscious IT

Whether funded by state grants, federal programs, or tuition, education IT budgets require predictability and value. SC//Platform helps institutions stay within budget without compromising performance or availability.

High Availability for Always-On Learning

Downtime doesn't just delay work; it disrupts learning. A failed server during state testing, a downed LMS during finals week, or inaccessible student records can bring instruction and operations to a halt. With students, faculty, and staff relying on digital systems around the clock, the infrastructure must provide consistent, uninterrupted access.

SC//Platform is engineered for this level of reliability. With high availability and disaster recovery built into its core architecture, essential educational services stay online, even if hardware fails or when updates are needed. You don't need add-on software, complex clustering, or weekend maintenance windows. It just works, so teaching and learning never stop.

- Automated failover and replication ensure the continuity of key services
- Resilient architecture prevents uninterrupted access
- Scheduled updates and maintenance can be performed with no disruption to learning

Scalable for Districts and Campuses Alike

Educational institutions are constantly evolving. AK-12 district may open a new school, implement 1:1 device programs, or expand digital testing environments. Colleges and universities may launch new research centers, add satellite campuses, or scale IT services to support hybrid learning. The challenge? Scaling infrastructure to support these changes without costly overhauls or disruption.

SC//Platform meets that challenge head-on. It's designed to grow with your institution without requiring complex reconfiguration, re-licensing, or over provisioning. Whether you are adding a few terabytes of storage or supporting hundreds of new users, SC//Platform adapts on your terms, at your pace.

- Add capacity or sites without downtime or forklift upgrades
- Mix and match hardware to support a range of performance and budget needs
- Easily extend infrastructure to new schools, labs, or dormitories as your institution grows

Secure by Design

Educational institutions handle sensitive data—student records, financial aid information, and personal details. SC//Platform is built from the ground up with security at its core. By reducing reliance on third-party software, limiting attack surfaces, and enforcing strict access controls, it helps institutions of all sizes protect their data, systems, and communities.

- Hardened OS and embedded hypervisor reduce vulnerabilities
- Role-based access controls and encrypted replication protect data privacy
- No reliance on third-party software or VPNs minimises your attack surface

Support for Campuswide Applications

Educational institutions run on more than just lesson plans. Behind every class, department, and campus service is a network of interconnected applications that keep operations running—from student enrolment to classroom instruction to campus safety. These systems must be fast, reliable, and easy to manage, even across multiple locations.

SC//Platform provides a flexible, high-performance foundation for the full range of academic and administrative applications used in K-12 and higher education. As education integrates more AI-powered tools, many of the most critical and sensitive applications—like surveillance, analytics, or student-facing tools—benefit from running locally. SC//Platform provides the flexible, secure, and scalable infrastructure schools need. Supported workloads include:

- Student Information Systems (SIS)
- Learning Management Systems (LMS)
- Adaptive learning engines
- Library management tools
- Virtual desktop infrastructure (VDI) for labs and remote learners
- Access control and video surveillance systems
- Financial, HR, and registrar services

**Gain the Competitive Edge
with Scale Computing**

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