

A group of diverse students sitting on the floor in a classroom, looking at a tablet and a book together.

Dell Technologies Solutions for Virtual Desktop Infrastructure for Higher Education

Provide secure access to educational resources with performance that powers productivity.

Higher Education VDI Use Cases

- **Productivity:** Stay connected with traditional applications.
- **Collaboration:** Access and collaborate on research applications and data.
- **AI and HPC:** Enable remote access to supercomputing resources.

Research and learn seamlessly from anywhere.

Institutes of higher education have been increasingly challenged to support researchers, students and professors working outside of classrooms and labs. Virtual desktop infrastructure (VDI) provides a flexible solution for granting access to traditional applications and files, research data and collaboration tools, and even high performance computing (HPC) / supercomputing resources from nearly anywhere and on any device. However, IT departments at colleges and universities face unique challenges when implementing VDI.

For example, running a traditional classroom or research project with students and teachers logging in from various locations requires good performance and availability to keep learning on track. The ability to continue collaborating on research applications and data is also paramount for advancing knowledge. At the same time, many students and researchers need access to HPC and artificial intelligence (AI) resources with on-site responsiveness and resolution to continue their groundbreaking work.

Performance, simplicity and security

Dell Technologies Solutions for VDI for Higher Education are carefully engineered and tested to:

- **Deliver high performance user experiences:** Dell Technologies solutions deliver extreme performance and high-end graphics capabilities in a reliable environment, reducing downtime and enabling anytime, anywhere digital workspaces for students, researchers and educators.
- **Streamline IT resources and improve productivity:** IT can centrally manage images and applications and dynamically allocate resources to respond faster to user demands.
- **Enhance security:** VDI solutions enhance security by centrally storing intellectual property (IP), data and apps in the data center. What's more, Dell EMC PowerEdge servers are designed with a cyber resilient architecture, integrating security deeply into every phase in the lifecycle, from design to retirement.

Open OnDemand

Open OnDemand is an intuitive, innovative and interactive interface to remote computing resources. It helps computational researchers and students efficiently utilize remote computing resources by making them easy to access from any device. It helps computer center staff support a wide range of clients by simplifying the user interface and experience.

Learn more

- [Dell Technologies Ready Solutions for VDI](#)
- delltechnologies.com/vdi
- delltechnologies.com/highereducation

Contact

- [Dell Technologies Experts](#)
- [Higher Education Strategists](#)

Real-world successes

- [University of Pisa](#) gives researchers remote access to HPC clusters, enabling them to use machine learning to accelerate time to insight.
- [Arizona State University](#) accelerates their momentum in HPC and AI and will also expand research, education and scholarly opportunities for faculty and students.
- [Alto University](#) enabled students and researchers to use specialist applications during the COVID-19 lockdown.
- [Touro College](#) relies on a Dell Technologies VDI solutions to empower students to run 3D CAD/CAM modeling applications for more than 670 concurrent users.
- [Texas A&M University–San Antonio](#) taps Dell Technologies to enable VDI and e-sports, helping them attract and retain more talented students.
- [Red Kite Learning Trust](#) cuts teacher login time down to 20 seconds and restores their faith in classroom technology with VDI solutions powered by Dell Technologies.

Optimize VDI for higher education.

Dell Technologies Solutions for VDI for Higher Education help universities, colleges and research institutions keep people connected with secure access to their workspaces from any device, anywhere, with unparalleled performance and simplicity.

Dell Technologies VDI expertise can help you fast-track projects and results. With an extensive portfolio, years of experience and an ecosystem of curated technology and service partners, Dell Technologies is ready to help you to capitalize on the promise of VDI for higher education.

Take the next step, today.

Don't wait to enable workplace transformation with secure, optimized VDI solutions that are designed from the ground up to enhance productivity and are quick and easy to implement. Contact your Dell Technologies representative to find out more today.