



Building a collaborative learning environment with

Virtual Desktop Solutions

- why it's important for the **Education Industry**

Have a connected platform for students and staff with ACE managed virtual desktops for education





Going Ahead with Virtual Desktop for Education



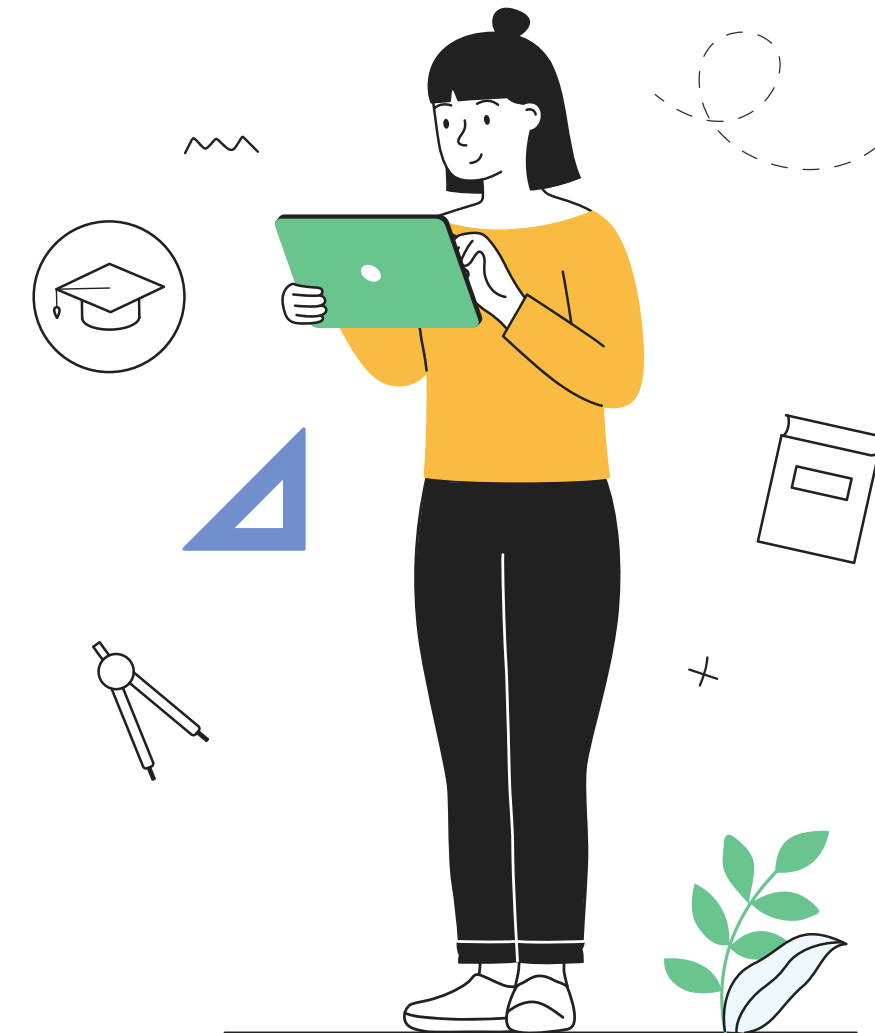
With more and more industries adopting digital technology, it has become critical for the education industry to build a solid foundation for virtual learning. Though virtual learning is not a new concept, **it is 22 years old**, but if we talk about its adoption, it has seen an exponential growth. Combined with the performance benchmarks set in the global market, the education ecosystem has been tested in ways like never before. The survival of the education sector got far at stake when institutions were shut down for a long time. Educators had to move their lessons online while geographically dispersed students adapted to learning at home. Institutions had to cope with operational risk, leaving data prone to inefficiencies. So, what role does virtualization play in the future of educational institutions?

Educational entities are continuing to fine-tune their educational models – placing a high value on collaboration and knowledge sharing. But how do you realistically address the demands of virtual learning and online resource delivery or deliver a consistent educational experience?

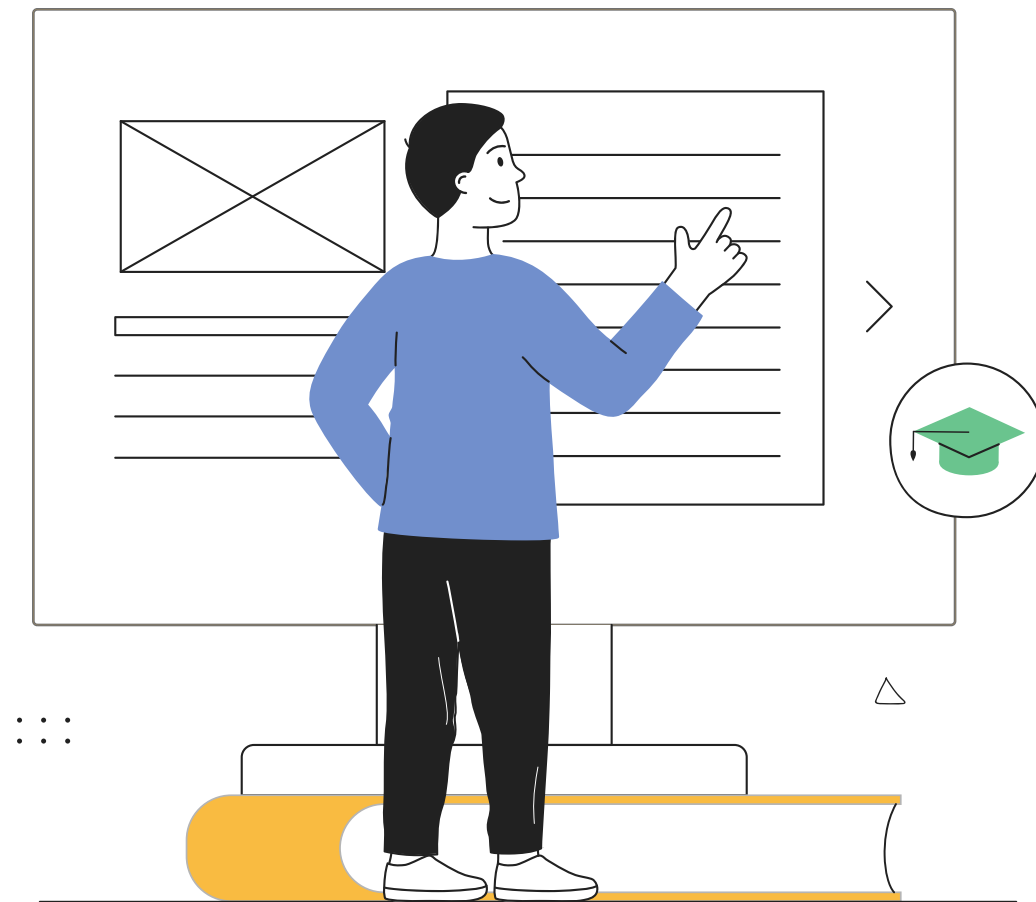
Building A Secure, Collaborative Learning Environment

An educational institution needs to be ready with the right virtual technology to ensure seamless operation during any disruption such as emergencies such as pandemics, earthquakes, tornadoes, and floods that directly or indirectly affect the operational processes. Providing secure access to educational resources on any device, from anywhere, eases this unexpected shift to remote learning.

Enabling students and faculty to have anywhere any device secure access to education tools opens doors to a cloud-ready digital environment. ACE'S **desktop virtualization solutions** for education can address the specific concerns of students, faculty, and staff by eliminating disruption, strengthening security, and supporting uninterrupted education. Managed virtual desktop solutions bring collaboration, communication, student support, secure learning, and knowledge sharing to educational institutions.



Unlock The Full Potential of Remote Learning with Cloud VDI solutions for Education



A key to a collaborative educational environment is student interactions and flexibility. Imagine how missed online classes can be devastating for students, particularly those courses that require mandatory amounts of lab or learning time.

Faculty and students find it challenging to be disconnected from on-site campus education.

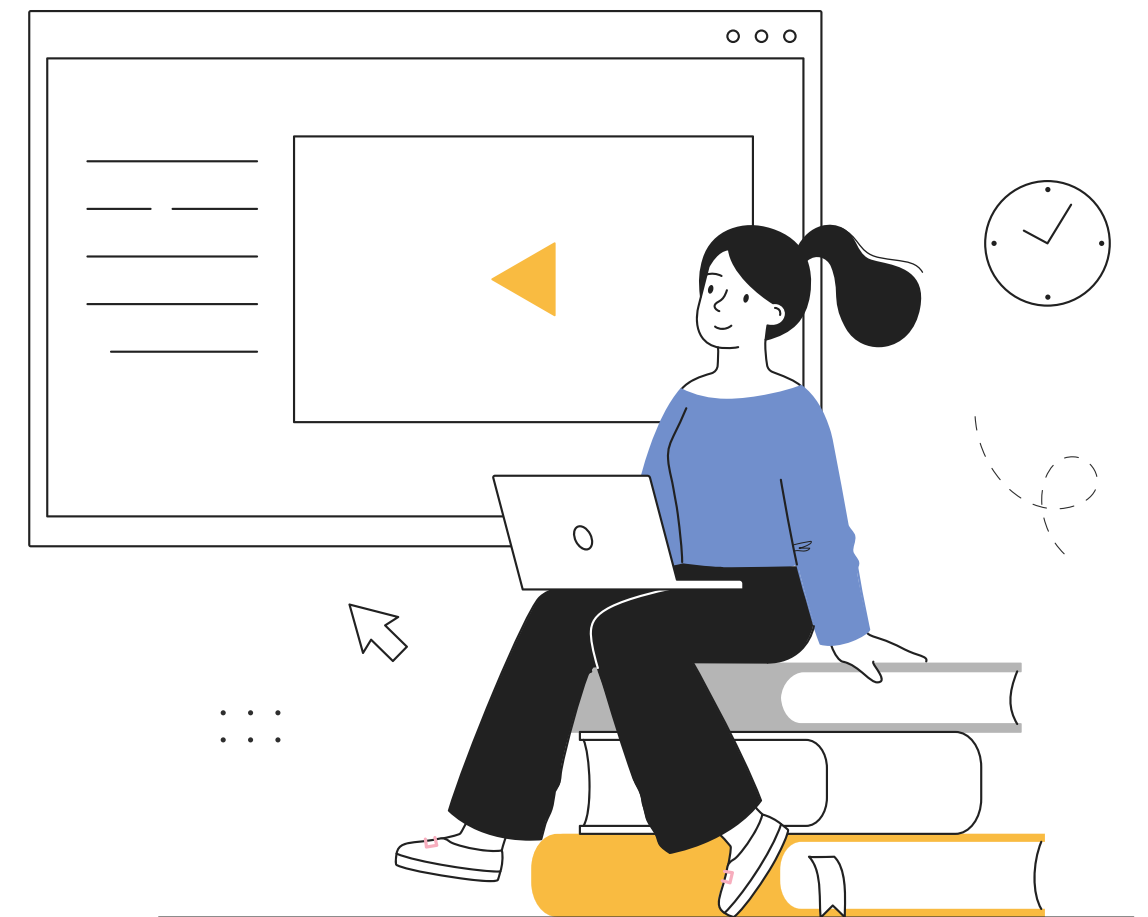
Thanks to online media such as instant messaging, chat, and video conferencing, students can leverage collaboration benefits. But to keep security in check, **virtual desktops can benefit universities by delivering a connected learning environment** without sacrificing security. With cloud VDI in place, universities can minimize deviations from the calendar and have a simplified and accelerated virtual learning model.

Enable Virtual Assessments Via Any Device and Network

Building and supporting a collaborative educational environment comes down to two critical aspects – user experience and learning that promote collaboration among staff and students. Moving to cloud is a major IT initiative. Now, exams can be delivered via any device through [virtual desktops for schools, colleges & universities](#). Instead of limiting PCs for tests, students can seamlessly access virtual desktops on their devices. An extra layer of security can also be added when delivering computer-based assessments over an isolated secure browser.

By switching to e-learning, institutions can **save over \$66** per hour.

So, imagine how much more you can save with a flexible, agile, and secure virtual desktop platform for e-learning.





Engaging, Collaborative User Experience on the Student's Demand

Easy to use, flexible education spaces employ VDI to deliver all apps—even compute and graphics- intensive to personal devices so that students don't have to travel to the institution to attend in-person. **VDI solutions for education** reinforce student success by enabling learners to take classes online. Students, educators, and administrators are no longer restricted to a device to save an important file. Thanks to virtualization, schools, universities, and colleges get a secure data sharing space wherein all your resources are synced across devices.

Protect Their Data—build Their Trust

Without users' trust, digital adoption cannot reach its full potential. Virtual learning adoption has increased universities' awareness about the need to deliver education to students from anywhere. Learning becomes easier with virtual desktops as they offer improved user experience. Moreover, they enable access on any device that benefits universities in the long run. On-demand data access with virtual desktops:

1. Prioritizes data security and confidentiality
2. Increases transparency concerning sensitive educational resources

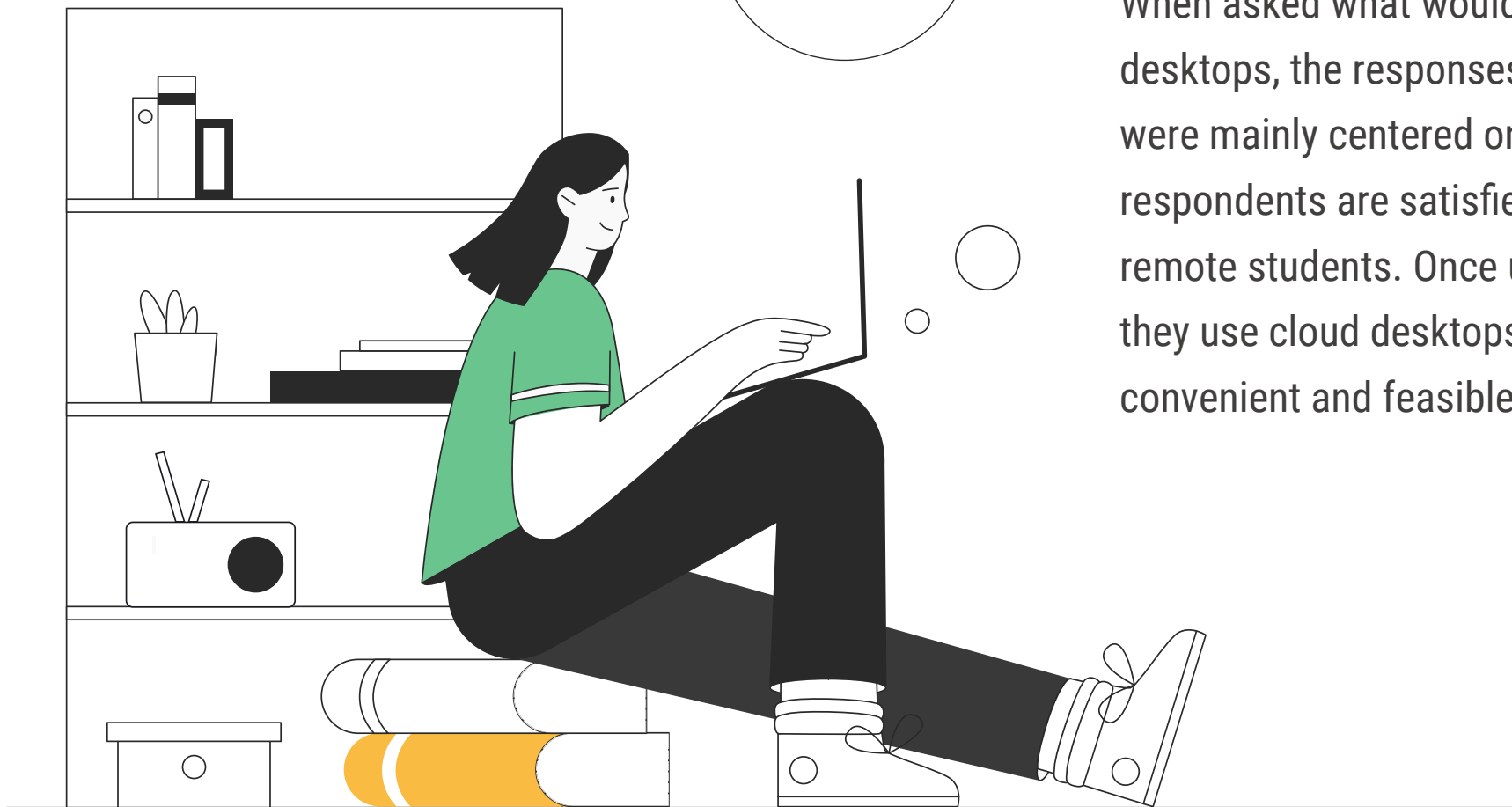
Institutions must fulfill end-user demands for data access in any virtual environment with data security and compliance. Unencrypted data or outdated file sharing methods can lead to a data breach. Henceforth, **the virtual desktop solution is the future of the education industry, enabling entire institutions to access on-demand and secure data everywhere.**



How Can the Education Industry Gain Trust in VDI solutions?



When asked what would increase the education industry's trust in virtual desktops, the responses were taken from **1500 teachers and administrators** who were mainly centered on digital learning and ed-tech tools. It's noted that 75% of respondents are satisfied with the cloud solutions they implemented for their remote students. Once users get that level of trust in data security and privacy, they use cloud desktops for education for various reasons—especially for convenient and feasible learning.



IT Essentials For a Collaborative Learning Environment



A Comprehensive Content Collaboration Solution

This solution imparts round-the-clock connectivity across all devices while authorizing enterprises to meet stringent security requirements. Students and educators can access and share all educational resources with people inside and outside the organization.



Advanced Security and Compliance Protocols

It is crucial to determine how confidential data is stored, accessed, and encrypted, including multi-factor authentication, Endpoint firewall, Brute Force Protection, Distributed Firewall, and compliance policies. Administrators should be able to have real-time analysis and log user activities to ensure there is no unauthorized entry into the system.



Multiple Data Repositories for Secure Storage

To meet specific compliance needs while eliminating additional costs, IT demands the freedom of storing data on-premises, public cloud, or in a hybrid cloud. Also, they centralize data access with a single secure point without time-consuming data migration.



Multi-device Collaboration

Virtual desktops for education foster a collaborative e-learning environment with seamless transitions from physical to digital migrations. Not only does this enable students to take online classes from anywhere on any device, but it also enables institutions to future-proof their security.

Virtual Desktop Solution for Today and Tomorrow

In the past, most institutions have relied on traditional training such as classroom sessions for video series. But unfortunately, classroom training is not sufficient anymore. The future is a collaborative learning environment: virtual desktops are essential to adopt new ways of imparting education.

ACE brings you a secure, flexible, and agile virtual desktop solution to meet today's students' demands while paving the way for a brighter future.

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