



# Anywhere Access for Students and Faculty with Virtual Labs from U2Cloud

Consolidate desktop and application virtualization for students and faculty into a single solution, delivering innovative technical instruction, rapid provisioning and anywhere access to virtual computer labs.

## Taking the classroom to the student!

**Repurpose and transform outdated computer labs to create flexible, collaborative learning spaces while reducing costs and embracing mobility.**

### Top education mobility initiatives at-a-glance:

- **Flexible learning experiences**

Deliver tailored and customizable learning experiences for all - anytime, anywhere.

- **Anywhere access**

Promote independent and exploratory learning by providing secure, anytime access to educational materials, resources and collaborative tools anytime – on and offsite.

- **BYOD**

Embrace freedom of device choice for a more flexible, cost effective solution that utilizes student owned devices and makes educational resources readily available for students, educators and staff.

- **Learning space redesign**

Transform traditional classroom and learning environments into collaborative, innovative workspaces that provide the freedom and flexibility to work and study from a variety of devices or locations.

- **Learning continuity**

Minimize learning disruptions and lost time with remote access technologies that facilitate mobile learning environments and keep students engaged – even if they can't get to class.

### The Challenge

Not enough computers within the physical university-owned lab to support the growing student population? Do your labs get crowded or do you see lines of students waiting for a seat at peak times? Are you unable to expand your real estate and looking for ways to get more functionality out of the space you have? If any of these questions are top-of-mind, you are not alone. Many schools have computer labs filled with rows of legacy computers that no longer work for today's students.

Existing labs require round-the-clock physical security, consume power, cooling and valuable real estate. Adding additional computer hardware and the onsite lab admin to assist with support issues and the costs skyrocket.

With students no longer tethered to desktops, there is more freedom to learn from anywhere, at any time. However, while students are embracing trends such as BYOD, IT departments, are struggling with how to best support and manage these new devices.

### The Solution

U2Clouds' Virtual Lab (Vlab) solutions consists of customized pay-as-you-go cloud services including DaaS, IaaS, SaaS, app stores & single sign-on to deliver the next generation of immersive lab environments.

Users simply launch a web browser and connect to these cloud services over a encrypted connection. Upon login, the user is then presented with the desktop(s) & applications for which they currently have access rights. Users may then choose to launch their desktops containing the required software titles or just simply launch the application independently of the desktop. The Vlab solution includes a custom built campus app store. Students and faculty have access to any application they need—even apps like AutoCad and ArcGIS—on whatever device they own or on a cost effective thin client in a lab.

With just a few mouse clicks, instructors can deploy a full computer lab environment all delivered securely and experienced seamlessly to any device, anywhere & anytime.

Instructors can seamlessly scale classroom resources independently while maintaining flexibility with multiple versions of apps and desktops using multi-site support.

Instructors self-select the cloud services they want, and can perform day-to-day management without calling for services. Workflow approval streamlines administration while retaining final approval rights and auditing.

**Top vLAB Applications:**

- **Adobe Illustrator**
- **Adobe InDesign**
- **Adobe Photoshop**
- **AutoDesk AutoCAD**
- **AutoDesk Maya**
- **AutoDesk Revit**
- **AutoDesk Inventor**
- **Dassault Catia**
- **Esri ArcGIS Pro**
- **IBM SPSS**
- **McNeil Rhinoceros**
- **Nanosoft nanoCAD**
- **PTC Creo**
- **Skyline TerraExplorer**
- **Siemens NX**
- **Solidworks**

**Key Benefits**

Educational institutions can centralize the management and delivery of Windows apps as well as student and staff desktops – with a high definition experience even for bandwidth intensive apps. Seamless roaming across locations, devices and networks ensures optimal convenience and productivity wherever students, teachers, researchers and administrators work, even off-site. Apps and associated data remain in the datacenter, helping to support compliance data protection and student privacy. IT can simplify operations and reduce costs while ensuring access to learning resources 24/7/365

Universities are able to consolidate physical workstations, virtualize graphics-intensive engineering and mathematics programs in a central datacenter, and deliver those programs to students with the same high-end 3D-graphics rendering experience they had in the physical labs.

Students can use virtualized instances of the applications and desktops previously only available at the physical lab sites.

U2Cloud enables secure access to apps and data so students can be successful, and teachers and administrators can deliver a curriculum based on student needs and improve outcomes.

Virtual Labs (Vlab) by U2Cloud empower educators and schools are able to reach students wherever they may be learning, on whatever device they use and whenever productivity may strike.



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**About U2Cloud**

U2Cloud enables users to access data from anywhere, and at any time with the same experience you have come to expect from your office desktop or laptop on the road. All your software, apps, data files and Email...securely operating in the Cloud. U2Cloud offers ultimate 24/7 portability and security, at reduced cost. No hassles, software updates to download or maintain, and simple to subscribe. With a variety of service levels appropriately scaled to government, private sector enterprise and a wide array of industries. U2Cloud is operating globally from a growing number of North American facilities on the East coast, Midwest and West coast.

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