

Parallels RAS Simplify Remote Learning and Teaching

Parallels® Remote Application Server (RAS) is an **all-in-one** remote learning and teaching solution that delivers applications and virtual desktops to **any device, anytime, anywhere.**



Why Parallels RAS?

Streamlined access to applications

IT teams in schools and higher education institutions need to provide students and teachers with secure remote access to educational applications and data. Parallels RAS delivers a remote learning and teaching solution that is quick to deploy and simple to manage. Academic, laboratory and research applications can be accessed anytime, on or off-campus and from any device. Its centralized architecture simplifies IT administration tasks such as OS/application deployment, patching, configuration, troubleshooting and monitoring.

Windows apps on Google Chromebook

Chromebooks offer students a more affordable, portable and secure alternative to PCs and laptops. Most Chromebooks do not support Windows applications, which can reduce productivity, as most educational, lab, and research software are Windows-based. Parallels RAS addresses this limitation by delivering full-featured Windows desktops and applications remotely, allowing Windows applications to run on Chromebooks without being directly installed. This provides students with a secure, reliable, high-performance experience.

Supports blended and hybrid learning

Many students need to shift between in-person and online learning environments. Parallels RAS helps students and educators shift seamlessly between these two environments and, in turn, improve productivity by delivering a consistent user experience (UX). It enables students to interact with the same desktop and applications regardless of what device they are using or where they are: in the classroom, library, laboratory, or home.

Easy deployment of computer-based exams

When Universities or educational institutions wish to test student competency on certain software applications, it usually requires setting up the needed test environment on every single testing workstation. Parallels RAS simplifies this process by allowing staff to pre-prepare the test environments in a single virtual machine (VM) and then cloning it to the required number of machines. These can then be deployed remotely as virtual desktops in secure locked-down, kiosk mode thin clients or any target endpoint device.

Reinforces data security

Schools and higher education institutions collect, store and process large volumes of sensitive data. Maintaining this information can be at risk when stored in endpoint devices. Parallels RAS mitigates data security risks and adheres to regulatory compliance by centralizing the management and monitoring of all data. The risk of a data breach or data loss is reduced significantly with multifactor authentication, advanced filtering and customized policies.

Effortless delivery of virtual labs

To facilitate rich learning experiences, students are encouraged to build, test and break things in lab conditions. With Parallels RAS, computer-based virtual lab experiments can be a breeze to set up. Virtual labs consisting of preconfigured desktops and applications can be cloned and delivered to students on the fly and then returned to their original states as soon as the lab session is over. Parallels RAS makes it possible for these virtual labs to be accessible through a range of devices.



Outstanding user experience

Provides an intuitive and seamless user experience (UX) on any device, enabling students to access their apps and data wherever they are, on or off-campus.

- Accelerated file retrieval
- Drag-and-drop functionality
- Multitasking
- Quick keypad
- Full RemoteFX support
- Bidirectional audio
- White-labeling ability (customization)
- Effortless printing and scanning
- Ultra-fast login

Native gestures

Use native touch gestures—such as swipe, drag, tap to click and zoom- in—with any Windows application on mobile devices to provide a seamless learning and teaching experience.



Enhanced data security

Parallels RAS offers a wide range of features and tools to help educational institutions monitor and secure applications, desktops and data in multi-cloud environments.

- Advanced filtering
- Enforce client policy
- Client management
- Encryption protocols
- Multifactor authentication

SAML SSO

Streamline the management of user identities while providing single sign- on (SSO) capabilities. Allow students and educators to effortlessly switch between host-ed Windows, web and Software as a Service (SaaS) applications without being prompted to re-enter credentials.



IT agility and business readiness

The flexible and scalable architecture of Parallels RAS enables educational institutions to quickly adapt to continuous changes and demands for new applications or desktop types.

- Hypervisor agnostic
- Mix and match different Windows Server OSs
- Ready for hyperconverged solutions
- Multi-cloud ready
- Desktop-based VDI
- Server-based VDI
- Session-based VDI
- Remote PC
- RDSH & VDI local storage distribution

Windows Virtual Desktop

Extend and simplify the capabilities of Windows Virtual Desktop by integrating and managing all workloads and resources from a central point—the Parallels RAS Console. Integrate all deployments, delivering a single solution to end users.



Simple to deploy and maintain

Streamline the management of VDI and Microsoft RDS infrastructure by leveraging the broad range of tools and automation capabilities available in Parallels RAS.

- Auto-provisioning and auto-scaling
- Centralized management console with web-based Management Portal
- Wizard-based deployment
- FSLogix Profile Container integration
- Granular admin permissions
- Automated image optimizations
- Multi-tenant architecture
- High Availability Load Balancing (HALB)
- UX Evaluator and advanced session metrics
- PowerShell and REST APIs
- Client autoconfiguration
- Automated notifications and custom actions
- Server management tools
- Resource-based load balancing



Reduce TCO

Easy to deploy, configure and maintain, Parallels RAS enables educational institutions to reduce IT complexity while increasing staff and student productivity.

Parallels RAS is an all-inclusive single license model that includes all capabilities out of the box, providing enterprise-range features such as application and VDI delivery, load balancing, multi-cloud and 24/7 customer support.

- Fast learning curve
- No-expensive add-ons
- Concurrent user model
- Service Provider License Agreement (SPLA)
- Manage sub-licensing