



Education

Increase Accessibility, Reduce IT Costs

The Challenges

In the Education sector, two important goals are extending educational outreach to students, and maximizing IT efficiencies to lower costs. This holds true whether the institution is K-12 or higher education. By deploying a V3 appliance, organizations get the fastest, most flexible computing solution in the marketplace today, allowing educational organizations to meet key business objectives including:

- Increasing the reach and accessibility of education for students (geographically or through off-hour availability)
- Enabling the Education System to do more with less money
- Providing a consistent and familiar computing environment across multiple devices
- Protecting student and faculty privacy and data
- Ensuring regulatory compliance, such as COPPA (Children's Online Privacy Protection Act of 1998), via strong access controls
- Enforcing security policies and forcing critical software updates
- Widening access to educational resources for the public
- Simplifying the management of complex IT solutions while delivering high-quality services
- Ensuring scalability and easy, nimble deployment to get a new installation up and running quickly
- Delivering high availability, performance and scalability
- Saving money on both operational and capital expenses

iPro IT understands these needs, and addresses them with our technology and V3 appliance solutions.

The Solution

Our **Desktop Cloud Computing Appliances** deliver 25 – 200 virtual Windows® desktops per unit, with guaranteed performance that is 2x – 8x faster than physical desktops. The drop-in server appliances elegantly integrate into an existing VMware infrastructure (whether at the customer site or the datacenter), providing the computing and local storage needed for hosting virtual desktops. The V3 Desktop Cloud Orchestrator software simplifies creating, managing and moving dedicated virtual desktops, including failover policy. This desktop management software aggregates key features that a desktop administrator would need from VMware's vCenter and View into a single, centralized console.

What does this mean for you?

- For school administrators, a V3 appliance reduces demand on constrained school budgets with high-density appliances that economically deliver 25-200 high-performance virtual desktops from a single unit. Educational outreach and student accessibility are increased through around-the-clock virtual desktop delivery to a wide variety of endpoint devices, including

desktops, smartphones, laptops and tablets. The net result is to help reduce overhead on desktop management, saving time and money.

- For students and faculty, a V3 appliance solution improves personal productivity with easy access to educational resources through high-performance virtual desktops available any time, from anywhere, from virtually any device.
- For IT desktop administrators, a V3 appliance solution offers simple deployment and centralized management with increased performance. This means Windows updates and software patches can be pushed out to all virtual desktops in minutes (not days or weeks), saving on overhead costs. Optimized management tools save the IT department time and money. IT can provide a consistent computing environment to students across a wide range of devices.

The Results:

- Increased productivity through high-performance virtual desktops — fast application and document loads save time for students and faculty
- Improved data security because sensitive data is not stored on end points
- Ability to work during all hours, from anywhere and from any device
- More controlled access and easier management
- Minimized downtime for administrative operations, upgrades, and maintenance
- Decreased support costs through central management of software versioning, product upgrades and software patches
- Extended desktop hardware replacement cycle, since thin and zero clients become obsolete less quickly than PCs or laptops
- Scalability is as easy as adding another V3 Appliance, or allocating a new appliance to a new location. V3 appliances scale at predictable cost structures, avoiding unforeseen costly infrastructure upgrades
- Single point of contact for all support needs, saving time and money
- On-the-fly flexible resource allocation
- Keeping within budgets by using cost-effective zero or thin clients for labs
- Supporting the “Green IT Initiative” with V3 virtual desktops that are up to 80% more energy efficient than physical desktops
- Providing students with a consistent set of data and applications from any device
- Drop-in solution that is easy to install and manage. Appliances are pre-provisioned and preconfigured for optimal performance