



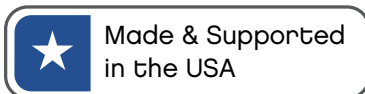
# The Casper Suite and Education

Simple support for the Apple platform



School systems host some of the largest populations of Apple computers and iOS devices in the world. School system administrators face the challenge of centrally managing thousands - or tens of thousands - of machines across multiple locations, with strict budgetary control. By choosing supporting technology wisely, school districts enable teachers, administrators and IT support staff to spend time on meaningful, interactive tasks like teaching and training instead of routine computer housekeeping. The Casper Suite enables your district or university to support Apple laptops, desktops, iPads, and iPod touch devices in compliance with school policies by automating maintenance tasks and streamlining large projects. With the Casper Suite in place, your IT department can remain supportive, flexible and reliable while increasing the number of computers you can easily support.

The only fully featured client management software solution developed exclusively for the Apple platform, the Casper Suite allows your IT department to provide affordable, enterprise level support for all your Macs and Apple mobile devices. Unifying the central functions of client management into an integrated system, it provides one window into your Mac support world. The Casper Suite includes all the tools to image and inventory Mac computers and iOS devices, track software licensing and usage, automate software updates, deploy new software, manage settings, provide remote support and much more. Your school district or university will be able to grow its population of fast, fun, and powerful Apple computers with the Casper Suite, without expanding your IT department.



## Pricing

JAMF Software offers significant purchasing discounts to higher education and K-12 organizations. The Casper Suite is licensed per managed Mac or iOS device with a 70% discount off the license cost for higher education and a 100% discount for K-12 education. K-12 educators pay only the per seat Annual Maintenance cost, which also includes volume discounts.

At JAMF Software, we believe in the benefits that Macs and iOS mobile devices can bring to education. We also think that educators and students using Macs and iOS devices deserve the first class technical support made possible by the Casper Suite. That's why we do everything we can to provide a solution designed for the Apple platform and scaled for large school systems, at a price that is affordable.

## Mac OS X Client Management

### Imaging

The Casper Suite includes all the tools you need to build packages, create package-based configurations and to image new machines from the ground up. This highly evolved toolset includes all the bells and whistles for imaging, including automated drive partitioning, bootcamp support, directory binding at imaging time, and much more. With the Casper Suite, IT can easily plan and execute imaging on a large scale.

### Patch Management

Applying updates to every computer on your network can be a time consuming task that needs to be done multiple times per year. The Casper Suite allows you to schedule releases during "off" hours in order to minimize the impact this process can have on your end users. In emergencies, administrators can also release or force patches immediately. The Casper Suite also integrates seamlessly with Apple's Software Update Server (SUS), whether your organization hosts an internal SUS or looks to an external server for updates.

### Software Distribution

Software distribution is easy with the Casper Suite, no matter what the situation. With multiple strategies to distribute applications to end users, the Casper Suite allows you to respond appropriately to every situation. The Casper Suite's Policy Engine allows you to schedule software deployments to any of your managed computers using a web browser. Casper Remote and VNC enables your helpdesk to respond immediately to end-user requests. End users can also use the Casper Suite's Self Service application to install their own software. Using Self Service, end users are not required to have administrative access to install software or printers and see only updates authorized by IT.

## Remote Control

CasperVNC allows technicians to control client machines remotely to provide issue resolution for machines in the next room or miles away. Remote control saves the organization time, staff and budget by minimizing end-user downtime, IT travel time and expenses, and by allowing each technician to resolve more incidents every day. CasperVNC is secure because it is encrypted, centrally authenticated and logs every transaction.

## Inventory

A school system's hardware and software purchases represent a significant investment. The Casper Suite provides a full, automatically updating inventory of Macs and PCs that is reportable and searchable. Inventory can be customized to report on important computer attributes in your environment – such as backup or anti-virus status. Because inventory is integrated into the full Casper Suite management framework, all this information can be used to notify administrators of system events, trigger automatic fixes or to scope out management tasks.

## Software License Management

Every organization needs to be able to easily maintain and prove software licensing compliance. The Casper Suite can track how many copies of a software title your school owns and how many copies are deployed onto school computers. If there are overages, IT is automatically notified to take action.

## Software Usage Tracking

Software is valuable and can be expensive. An easy way to control costs is to ensure that the school district is only purchasing the software that it needs. By tracking usage of certain software titles, administrators can easily determine where unused software is deployed and take action to lower seat counts or to allocate these assets to other users. Restricting the use of illegal or unauthorized applications is also made simple with the Casper Suite. IT can set Restricted Software settings that remove applications and notify IT when violations occur.

## Settings Management

With the ability to modify end-user environments and Managed Preferences from a central location, your IT department can respond to a variety of demands as rapidly as they arise. The Casper Suite manages both system and user-level preferences through a simple user interface, scoping preferences to Computer Groups, User Groups from a directory service, Buildings, or Departments. Managed Preferences (also known as MCX) allow you to natively enforce the individual settings on any client computer. Over 250 default preferences are included with the JAMF Software Server (JSS).

## Scalability

School systems manage some of the largest installations of Macs around. That's why the Casper Suite has developed and tested its large network performance within the K-12 environment. Thanks to these efforts, the Casper Suite has been proven to perform quickly and reliably in environments with tens of thousands of client machines.

## iOS Mobile Device Management (MDM)

### Inventory

With the vast numbers of iPads and iPod touch devices being used on a daily basis in the educational system, it is important to ensure you are keeping track of all your assets. The Casper Suite will help you monitor the status for every single device in your network. Integrated with Apple's Global Service Exchange (GSX), the Casper Suite will track purchasing and warranty information, gather a list of apps installed on each device, display network details and schedule regular check-ins to receive additional inventory information.

### Configuration

Manually maintaining and configuring individual iOS devices can be a time consuming process. With the Casper Suite's configuration features, IT administrators can manage Configuration Profiles, Wi-Fi settings, email accounts and VPN configurations, ensuring that all iOS devices are secure and protected. Administrators have the ability to maintain large populations of shared devices, which can be restored back to a default state after each use. The Casper Suite can help your IT department perform seamless maintenance of all iPads and iPod touch devices within your network.

### Security Management

Whether your mobile devices are staying on-campus or traveling off, you will have a sense of comfort knowing that the Casper Suite enables administrators to remotely lock or wipe a device in the event it is lost or stolen. Data protection is a top priority, and because the JSS is accessible from an iOS device or via web browser, IT administrators can follow through with proper security measures – wherever they may be.

### App Distribution

Using the Casper Suite, IT administrators are able to highlight important App Store apps, providing a flexible user experience while maintaining some control in the process. The Casper Suite's Self Service interface facilitates a single tap app install for the end user. With the convenience of Apple's Volume Purchase Program (VPP), educational organizations are able to purchase apps in bulk. This saves significant time and money in the license management process. Using VPP codes allows for centralized purchasing, keeping your accounting system organized when it comes to large-scale app purchases. With the Casper Suite's smart mobile device groups, highlighted apps are available automatically to newly enrolled devices, providing end users with the most simple and efficient experience possible.

## Solutions

### One to One Support

One computer or tablet for each student. This concept has gained ground with educators as a way to improve both student engagement in learning and standardized test scores. When the IT staff works with the district to design a one to one program there are many choices to be made in the technology plan and policy guidelines. The district needs to determine which policies can be automatically enforced by technology and which policies must be enforced through teacher and student behavior.

The Casper Suite can help administrators support large numbers of laptop computers by streamlining imaging projects, scheduling routine tasks based on client check-in schedules and maintaining an accurate, up-to-date inventory. If a school has opted to provide iPads to students, iOS device management is equally as important.

See <http://www.jamfsoftware.com/solutions/one-to-one> for additional information supporting the efficiency of the Casper Suite in educational one to one programs.

### Lab and Cart Management

The Casper Suite has a full range of tools for computer lab management that allows you to maintain preferred user preferences between logins, to heal software titles that may be damaged or erased and to re-image lab machines easily and automatically. To maintain healthy, current Mac labs, many schools use the Casper Suite to re-image machines automatically during off hours. Casper Suite administrators can also reset the user environment settings for machines with multiple users to make sure a computer is ready for each new user. If a student personalizes a machine during use, the next student gets a standard, refreshed look.

Educational organizations are rapidly expanding their use of iPads and iPod touch devices within the classroom. Keeping up with exciting technology brings the challenge of managing numerous devices as they are passed through many student hands. The concept of cart management is not only a way for devices to be restored to a default state when necessary, but also a solution for teachers to conveniently transport them from classroom to classroom. By using specially designed carts with a USB connection for each device, teachers are able to refresh and charge their iOS devices by plugging them in to one portable piece of equipment, without IT assistance. To learn more about lab and cart management strategies visit <http://www.jamfsoftware.com/sales/lab-management>.



### More Information

To learn more about the Casper Suite, visit [www.jamfsoftware.com](http://www.jamfsoftware.com) or email [info@jamfsoftware.com](mailto:info@jamfsoftware.com).