



# The Casper Suite:

## Evolution of the 8 Series

The Casper Suite simplifies the lives of system administrators with a comprehensive platform to manage Mac OS X computers and iOS mobile devices. The Casper Suite increases the efficiency of your IT staff, reduces the cost of ownership, and minimizes liability by providing a framework that enforces software licensing compliance, security standards, energy usage, and other organizational rules and requirements.

## Version 8.0

### Mobile Device Management

The Casper Suite adds comprehensive Mobile Device Management (MDM) capabilities for iOS devices in key areas including inventory, configuration, security management, and app distribution. Adding the full breadth of MDM allows administrators to manage iOS devices using the same console they use to manage their Macs, benefitting from deep integration with the Apple ecosystem while leveraging their existing technology. The Casper Suite's intuitive approach allows administrators to quickly bring large volumes of devices under management and into compliance, while integrating into their existing infrastructure for reporting and configuration.

**Self Service interface:** Self Service management is a concept well known to administrators who use the Casper Suite. Self Service is extremely popular with end users, who enjoy the ability to install applications to their machines on demand and without interaction from IT departments. The Casper Suite brings this same concept to iOS app distribution, allowing administrators to distribute App Store apps and in-house apps to individuals or groups of end users.

**Security:** Administrators can remotely wipe, lock and reset passcodes in the event a mobile device is lost or stolen.

**Web-based interface:** Allows the administration of Configuration Profiles directly from a browser using the JSS.

**Enforce security settings:** Require data encryption, restrict Wi-Fi access, disable the camera, revoke access permissions for secure networks, and alert administrators if devices are out of compliance.

**Instant app access for newly enrolled devices:** As new devices are enrolled, the appropriate apps are automatically offered based on smart mobile device group settings, ensuring that end users immediately have access to all in-house apps and Provisioning Profiles with a single tap install. As existing in-house apps are updated or new in-house apps are released, users can install updates through the same interface.

**App inventory:** Automated reporting on installed app inventory.

**Integration with Apple's Global Service Exchange (GSX):** Gather purchasing and warranty information for all iOS devices.

**Bulk app purchasing:** While distributing apps to mobile devices was previously a time-intensive proposition requiring hands-on management, Apple has recently introduced the Volume Purchase Program (VPP) which allows schools, universities and colleges to purchase apps in bulk. Automating the process of managing and distributing VPP codes, the Casper Suite gives IT administrators the ability to easily manage apps and licensing compliance across thousands of devices from a single console, a unique offering in the mobile device management landscape.

**JSS Mobile for iPad and iPhone:** Administrators can send data security commands to iOS devices from their own mobile device - wherever they may be - or conveniently configure devices and distribute apps with a web browser, in addition to native JSS Mobile apps for iPad and iPhone.

**Enrollment:** Provides a simple enrollment process via URL, email, SMS, or tethering to iPhone Configuration Utility.

**Optional built-in SCEP server:** Organizations that do not have required infrastructure in place may choose to use the built-in SCEP server and Certificate Authority in the JSS.

### Integration with Microsoft SCCM

Microsoft's SCCM lifecycle management solution allows IT administrators to automate deployment and management of their Windows resources. When combined with the Casper Suite using the SCCM Plug-In, administrators can view and report on inventory data for all of their Windows machines, Macs, and iOS devices. This approach allows administrators to use the Casper Suite's robust tools to manage the growing numbers of Macs and iOS devices in their organization, while facilitating centralized reporting in the familiar SCCM console.

## Version 8.1

**Recon** A completely refreshed version of Recon features a new user interface and a number of improvements that make life that much easier.

**Configuration Profiles** Additional Configuration Profile settings can now be specified in the JSS.

**Acquire a single remote computer** By popular demand, the ability to specify a single computer for acquisition has been added back into the JSS interface.

**Edit Computer interface** This has been simplified, allowing you to edit computer details directly within a single interface.

**Log purging directly in the JSS** You can purge logs directly from within the JSS web interface, which may often be more convenient than using the JSS Setup Utility.

## Version 8.2

**Compatibility with Mac OS X Lion** The Casper Suite has been fully tested against Mac OS X Lion, and all components should function as expected. We've also included a few extra enhancements that utilize the new capabilities of OS X Lion.

**JSS Installer packages For Mac, Linux and Windows servers** The installation functionality of the JSS Setup Utility has been replaced by a standard MPKG install for many server platforms including Mac OS X Server, Red Hat Enterprise Linux and Windows Server. This new installer helps streamline large-scale projects and eliminate inaccuracies during initial setup of the JSS. Manual installation is also possible for custom configurations.

**New Self Service application For Mac OS X** There is a new version of the Self Service application for Mac OS X. Self Service is now much easier to use and features a completely re-worked interface. There is also a flexible plug-in architecture that can be used to provide additional functionality in Self Service. Self Service can now display a wide variety of information, with the option to embed a web page or a custom plug-in. Self Service initially includes plug-ins for CrashPlan Pro, Symantec AntiVirus and Sophos Safeguard upon release, with more to come. In addition, the Self Service application can be automatically deployed to all managed computers using a simple setting in the JSS interface.

**Improvements to Self Service For iOS** You can now require users to log in before they can access Self Service on their iOS device. You can also make Configuration Profiles available in Self Service, allowing end users to configure their devices on demand.

**Screen sharing has been re-implemented** Casper Remote now utilizes the VNC screen sharing capabilities built into Mac OS X.

**Better clustering support** JSS clusters can now be set up directly through the JSS interface. You can also make many of the changes necessary to configure Apache Tomcat to run properly with a load balancer.

## Version 8.3

### Compatibility with iOS 5

The Casper Suite has been tested to function with iOS 5 and all components should function as expected. We've also utilized some of the new capabilities in iOS 5, allowing administrators to easily manage even more settings for iOS devices including settings related to iCloud.

### Manage, distribute and remove App Store apps

The Casper Suite is now able to automatically deploy App Store apps to iOS 5 devices. Paid apps may also be distributed using Volume Purchase Program (VPP) apps. Additionally, apps may be distributed as managed apps allowing administrators to configure security settings for apps and remove app data if MDM profiles are removed.

### Configuration Profiles for OS X Lion

The Casper Suite can now set computer-level and user-level Configuration Profiles for OS X Lion computers. Using a similar interface to the one used to manage iOS Configuration Profiles, the JSS can now set and deploy Configuration Profiles to OS X Lion computers.

### Compatibility with FileVault 2

The JSS can be used to simplify and facilitate the deployment of FileVault 2 on a large scale. The JSS now reports on FileVault 2 status for OS X Lion computers.

## Version 8.4

### APNs certificate generation

The JSS now allows you to generate an Apple Push Notification (APNs) certificate from the Apple Push Certificate Portal. Existing certificates from the iOS Development Program can be used with Casper Suite 8.4, or you may create a new one directly within the JSS at no cost.

### Flat packages

Composer now builds PKGs as flat PKGs by default. Flat packages provide many benefits, as they are more compact and have a simpler structure, allowing for easier distribution over a network.

### JSS Database Utility improvements

The JSS Database Utility can now manage settings for MySQL and Apache Tomcat.

## Version 8.5

### eBook distribution

The JSS allows you to distribute eBooks. The Casper Suite also allows you to upload, distribute, manage, and track Volume Purchase Program (VPP) codes for eBooks from the iBookstore. Supported file formats include iBooks files (.ibooks), ePub files (.epub), and PDF files (.pdf). Due to the rich, new capabilities of the latest iBooks app, many education organizations are transitioning from traditional textbooks to digital textbooks within the classroom. As education organizations continue to rapidly adopt iOS devices in their environments, the Casper Suite provides a solution for managing iOS devices on a small or large scale, and distributing digital content efficiently.

### Remote commands for OS X 10.7

Similar to the remote commands that can be applied to iOS devices, the JSS allows you to run remote lock, remote wipe, and remote unmanage commands on OS X 10.7 computers.

### iOS enrollment with Configurator

The JSS allows you to enroll and initially configure connected devices by using Apple Configurator. Using Configurator alongside the Casper Suite allows you to leverage the capabilities of Configurator in conjunction with the Casper Suite; augmenting your iOS management capabilities.

### Winclone 3 Support

You can now deploy a Winclone 3 image to a partition. Winclone allows for easy imaging of the Boot Camp partition on a Mac.

## Target Mode Imaging

The Casper Suite now supports Target Mode Imaging. Target Mode Imaging is a form of local imaging that uses a super-fast Thunderbolt (or Firewire) connection to image a computer more quickly than imaging over a network. This is achieved by booting the computer that is to be imaged in Target Disk Mode, then connecting to a single computer running Casper Imaging that is configured to act as an imaging station.

## Updated Self Service interface

The Self Service interface now has an updated interface. Self Service also displays the policy description before an end-user installs an application, leaves installed items in the downloads list until an end-user closes out of them, and shows error messages in the downloads list after a failed install. Additionally, you can now customize the name of the Self Service application from the JSS.

# Version 8.6

## OS X Mountain Lion support

The Casper Suite includes support for OS X Mountain Lion (v10.8).

## FileVault 2 disk encryption management

With OS X Mountain Lion comes management capabilities for full disk encryption using FileVault 2. With this tool, the Casper Suite can automate encryption of an entire hard drive and provide centralized management for institutional encryption keys. This allows IT administrators to control the encryption process, as well have access to the keys that are generated. Using FileVault 2 for full disk encryption reduces cost of ownership by taking advantage of a built-in application available on every Mac running OS X Mountain Lion.

## User-initiated enrollment of Mac OS X devices

Now both iOS and OS X devices can be enrolled directly into the JSS, by sending end users an email invitation or providing them with an enrollment URL. Enrolling a Mac OS X device using these methods automatically associates the user to their device by tying into the organization's directory services (such as Active Directory) during the enrollment process. This is a powerful capability for "bring your own device" (BYOD) and one-to-one programs in the enterprise. In these cases, end users can be sent the enrollment URL to run through the setup procedure—allowing the JSS to collect their inventory and tie into directory services—which requires less manual interaction from the IT department.

## Sign Flat PKGs

Composer allows you to create signed, flat PKGs compatible with the Gatekeeper feature in OS X Mountain Lion. Recon also allows you to create signed QuickAdd packages that are compatible with Gatekeeper. Gatekeeper is a new security feature that protects end users from installing malicious software on their Macs, requiring a valid Apple Developer ID signature before the installation of packages or applications.

## More Information

We offer several resources to learn more about JAMF Software products. First, our **Video Library** contains a number of videos showing our product in action. Next, our **PDF Library** contains case studies, product documentation, feature checklists and more to aid you in your investigation.

Finally, we offer weekly live demonstrations of our solutions. Casper Suite for OS X demos occur every Monday at 2:00 pm Central Time. Casper Suite for iOS demos occur every Tuesday at 2:00 Central Time. Demos are excluded on certain holidays. To register for these demos, please visit [www.jamfsoftware.com/demo](http://www.jamfsoftware.com/demo).

