



# The Casper Suite and iOS 4: Mobile Device Management For the Apple platform

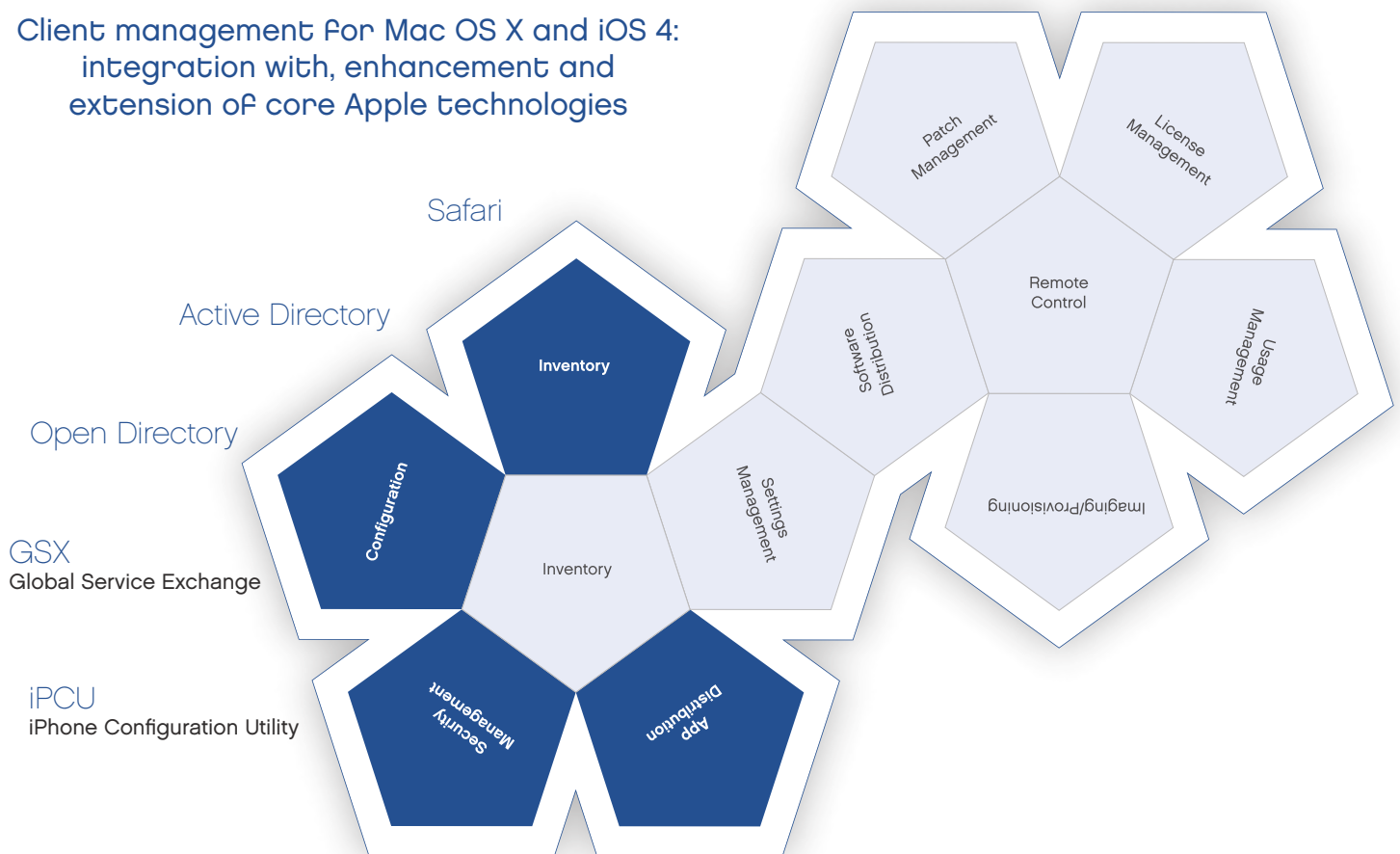
THE CASPER SUITE SIMPLIFIES MANAGEMENT FOR THE APPLE PLATFORM. The Casper Suite is the leading solution for lifecycle management on the Apple platform and has helped to make the Mac and Apple mobile devices equal citizens on the network by addressing the complexities of enterprise management.

With the introduction of iPads and the overwhelming adoption of iPhones in large organizations, IT administrators have been faced with an array of challenges in their quest to meet the needs of end users while offering enterprise management capabilities. Featuring deep integration with core

Apple technologies, the Casper Suite provides management capabilities for Mac OS X computers and iOS 4 mobile devices in a simple and graceful manner.

The Casper Suite has featured the full breadth of Apple mobile device management capabilities since iPhone OS 3, integrated with its comprehensive Mac OS X client management framework. As Apple has introduced additional Mobile Device Management (MDM) capabilities in iOS 4, the Casper Suite once again provides IT administrators with the simplest path to achieving full management capabilities for both Mac OS X computers and iOS 4 devices in their network.

## Client management For Mac OS X and iOS 4: integration with, enhancement and extension of core Apple technologies



## A simple, mature solution for management of Apple mobile devices

The Casper Suite extends the simplicity of the Apple experience to device management, providing a seamless experience for end users and administrators. Management of Apple mobile devices should reflect the simplicity users and administrators have come to expect, while allowing powerful control and deep capabilities.

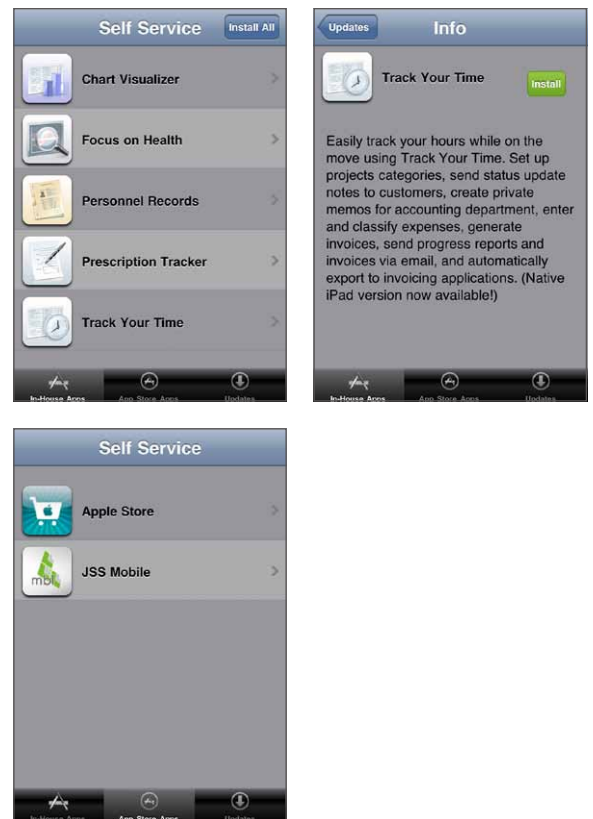
Using the Casper Suite's unique Self Service interface, users are able to install in-house apps with a single tap or select from a customized list of recommended apps. Using Self Service, administrators can easily suggest recommended apps to users based on smart groups or deploy Provisioning Profiles that allow them to install in-house apps on their own. Simple, practical, graceful.

Advanced iOS 4 management capabilities in the Casper Suite also include the ability to remotely manage Configuration Profiles and gather a full inventory of installed apps on devices, all from a single console in the JAMF Software Server (JSS). Thanks to the Casper Suite's deep integration with Apple technologies, administrators can reference purchasing and warranty information from Apple's Global Service Exchange (GSX) database, edit Configuration Profiles directly within the JSS and integrate with LDAP.

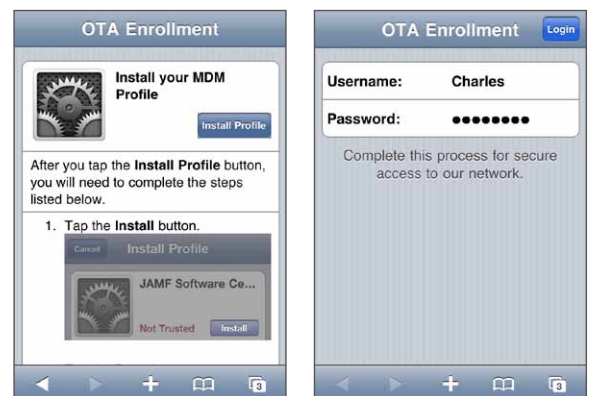
The Casper Suite also takes advantage of new security capabilities in iOS 4 to perform remote device locking, secure remote data wipes and passcode administration.

From beginning to end, the Casper Suite simplifies Apple mobile device management.

## User-Friendly experience



Highlight important apps through the familiar Self Service interface

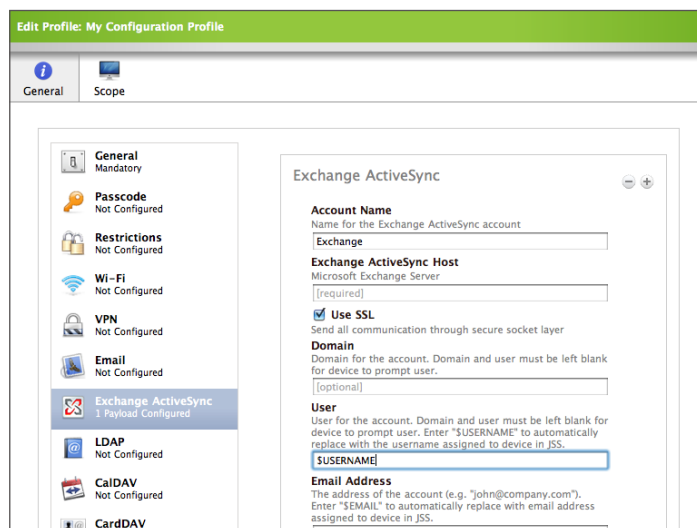
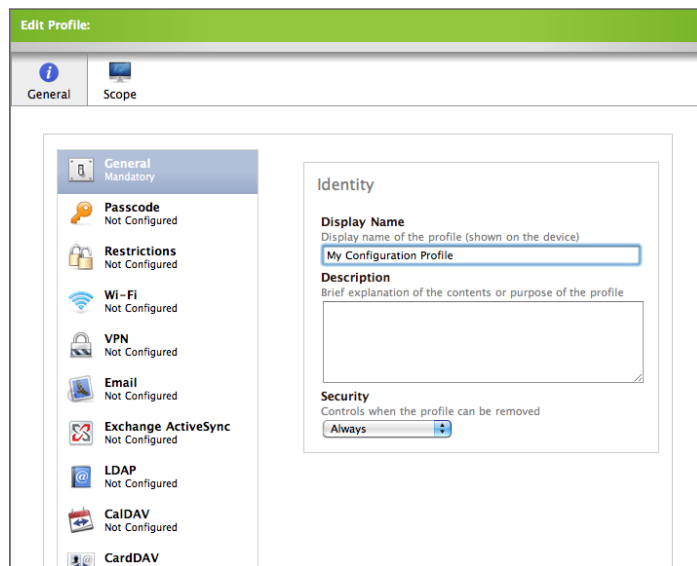
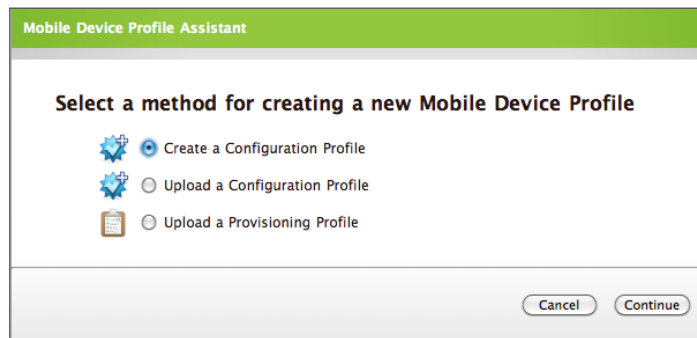


Simple and customizable OTA enrollment process using LDAP

# Simple administrator interface

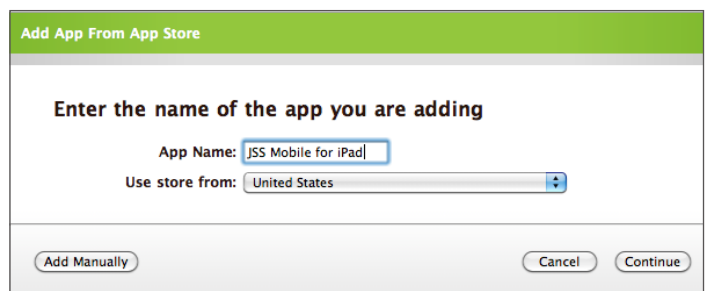
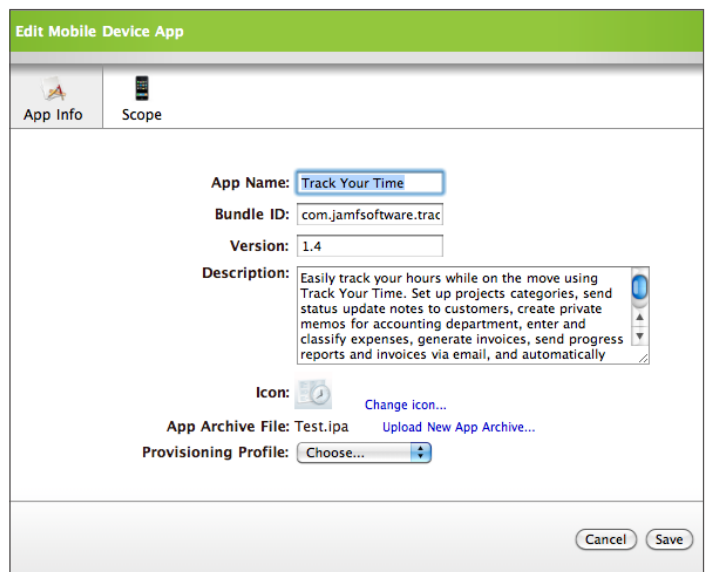
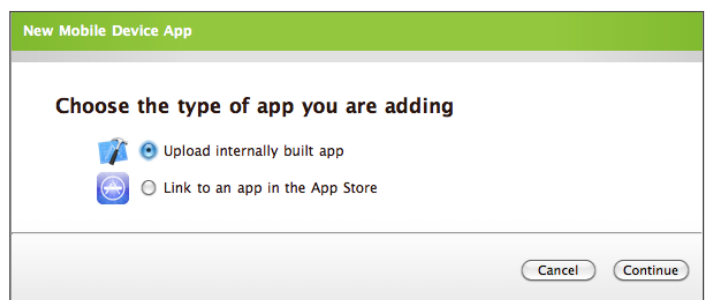
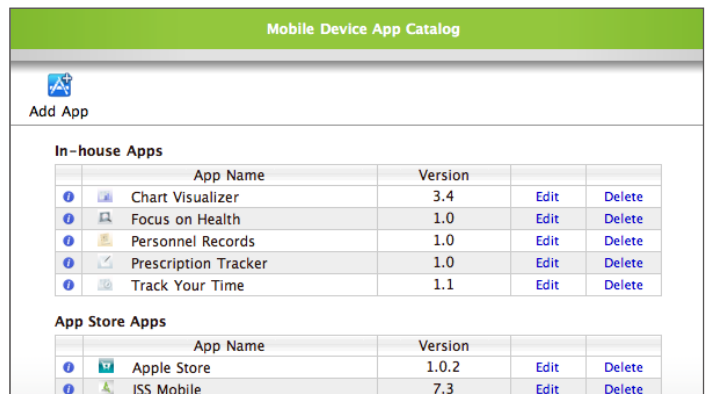
## CONFIGURATION

Configure hundreds of Configuration Profiles from within a web-based interface.



## APP DISTRIBUTION

Suggest recommended apps for users or deploy Provisioning Profiles allowing them to install in-house apps on their own.



## SECURITY MANAGEMENT

Remotely lock and wipe devices or clear passcodes to allow users to access their devices.

The screenshot shows the 'Mobile Device Remote Command Assistant' interface. At the top, there is a progress bar with three steps: 'Command', 'Mobile Devices', and 'Verify'. The 'Command' step is currently active. Below the progress bar, the question 'What do you want to do?' is displayed. There are three radio button options: 'Remotely lock a mobile device' (selected), 'Remotely clear a passcode from a mobile device', and 'Remotely wipe a mobile device'. At the bottom right, there are 'Cancel' and 'Continue' buttons.

The screenshot shows the 'Mobile Device Remote Command Assistant: Lock Device' interface. The progress bar now has 'Mobile Devices' as the active step. The question is 'What mobile devices do you want to send the command to?'. Below this, there is a text prompt: 'Type the name of the mobile device below. To browse a list of devices, click the Browse Mobile Devices link.' There is a text input field labeled 'Device Name:' and a link 'Browse Mobile Devices...'. At the bottom, there are 'Back', 'Cancel', and 'Continue' buttons.

## INVENTORY

Receive device inventory reports and detailed device records within a web browser.

The screenshot shows the 'Inventory' page in a web browser. The page has a navigation bar with 'Inventory', 'Management', 'Logs', and 'Settings' tabs. Below the navigation bar, there is a search bar and a 'Logout admin' link. The main content area shows '2 Results (0.03 seconds)'. A table lists device records with columns for Name, Phone, Serial, and UDID. Below the table, there is a 'Take Action on Results:' dropdown menu and a 'Go' button.

Name	Phone	Serial	UDID		
Zach's iPhone	+17153797775	79026N6JA45	f601fdb7abc5a9fcbc77c21b025313a779ff297e	<a href="#">Details</a>	<a href="#">Edit</a>
Dec-Zach-iPad		V5017MSQETV	36f69f559e7cae7c138615385676873d9d2ebe44	<a href="#">Details</a>	<a href="#">Delete</a>

The screenshot shows the 'Details for Dec-Zach-iPad' page. The page has a navigation bar with 'Details for Dec-Zach-iPad'. Below the navigation bar, there is a sidebar with a list of categories: 'Device Information', 'Location', 'Purchasing', 'Apps', 'Certificates', 'Profiles', 'Provisioning Profiles', and 'Attachments'. The main content area shows 'Device Information' details for the device 'Dec-Zach-iPad'. The details include: Capacity: 59.14 GB, Available: 58.82 GB, Software Version: 4.2 (8C5091e), Serial Number: V5017MSQETV, UDID: 36f69f559e7cae7c138615385676873d9d2ebe44, Phone Number: ICCID: 8901 4104 2432 2161, IMEI: 01 222300 762001, WiFi MAC Address: d8:30:62:7d:c9:ad, Bluetooth MAC Address: d8:30:62:7d:c9:ac, Model: iPad (MC497LL), and Managed: Yes.

The screenshot shows the 'Details for Dec-Zach-iPad' page, specifically the 'Purchasing' section. The sidebar on the left is the same as in the previous screenshot. The main content area shows 'Purchasing' details for the device 'Dec-Zach-iPad'. The details include: Purchased/Leased: Purchased, PO Number: PO Date: April 30, 2010, Vendor: Warranty Expires: April 29, 2012, AppleCare ID: Lease Expires: N/A, OS AppleCare ID: Purchase Price: Life Expectancy: 0 years, Purchasing Account: and Purchasing Contact:.

# Evolution of MDM capabilities in the Casper Suite

	7.x	8.x
<b>Configuration</b>		
<b>Capabilities</b>		
Over the air (OTA) and SCEP (Simple Certificate Enrollment Protocol) Enrollment		●
Device acquisition handled by management invitation delivered via a choice of multiple methods: SMS, email, URL		●
Create iPhone Configuration file	●	●
Upload iPhone Configuration profile	●	●
Download iPhone Configuration file onto a device	●	●
Apply iPhone Configuration file to a device	●	●
Remote configuration of profiles on device	●	●
<b>Settings</b>		
VPN configuration	●	●
Wi-Fi settings	●	●
APN settings	●	●
Exchange account settings	●	●
Mail settings	●	●
Secure certificates for iPhone, iPad and iPod touch trust relationships		●
<b>Web-based iPCU editor</b>		
Create and edit iPhone Configuration profiles directly in the JSS		●
<b>Policies</b>		
Require passcode		●
Passcode settings - allow simple value, require alphanumeric value, passcode length, number of complex characters		●
Maximum passcode age		●
Time before auto-lock		●
Number of unique passcodes before reuse		●
Grace period for device lock		●
Number of failed attempts before wipe		●
Control Configuration Profile removal by user		●
<b>Restrictions</b>		
Application installation		●
Camera usage		●
Screen capture		●
Automatic sync of mail accounts while roaming		●
Voice dialing when locked		●
<b>Other settings</b>		
Certificates and identities		●
Web Clips		●
APN settings		●

	7.x	8.x
<b>App Distribution</b>		
<b>Capabilities</b>		
Self Service interface		●
Highlight important App Store apps		●
Automatically deploy Self Service web clip		●
Automatically deploy Provisioning Profiles		●
Scope app availability by device details and LDAP groups		●
<b>Security Management</b>		
<b>Capabilities</b>		
Remotely wipe device		●
Emergency device lock		●
Clear passcode remotely		●
<b>Inventory</b>		
<b>Capabilities</b>		
Update inventory information: directly from device, from iTunes	●	●
Inventory device	●	●
Populate user login information via LDAP	●	●
<b>Settings</b>		
Operating System	●	●
GUID	●	●
ICCID	●	●
IMEI	●	●
Applications installed on device	●	●
<b>Gather Device information</b>		
Network details		●
Device information		●
Application details		●
Compliance and security information		●