



RSA SecurID Ready Implementation Guide

Last Modified: July 10, 2009

Partner Information

Product Information	
Partner Name	Apple Computer, Inc.
Web Site	http://www.apple.com/
Product Name	iPhone/iPod Touch
Version & Platform	3.0
Product Description	Apple iPhone is a mobile device that allows you to make a call by simply tapping a name or number in your address book, a favorites list, or a call log. It also automatically syncs all your contacts from a PC, Mac, or Internet service. And it lets you select and listen to voicemail messages in whatever order you want — just like email. Apple iPhone's VPN client is now SecurID Ready and can be configured to support two-factor authentication with RSA SecurID.
Product Category	Perimeter Defense (Firewalls, VPNs & Intrusion Detection)





Solution Summary

VPNs (virtual private networks) are often used within organizations to allow you to communicate private information securely over a non-private network. You may need to configure VPN, for example, to access your work email on iPhone.

The Apple iPhone/iPod Touch can connect to VPNs that use the L2TP or PPTP protocol. VPN works over both Wi-Fi and EDGE network connections.

Product Requirements

Partner Product Requirements: iPhone/iPod Touch	
Firmware Version	3.0

Additional Software Requirements	
Application	Additional Patches
Apple VPN Server (OS X 10.5)	All Path Levels Supported



Partner Product Configuration

Before You Begin

This section provides instructions for integrating the partners' product with RSA SecurID Authentication. This document is not intended to suggest optimum installations or configurations.

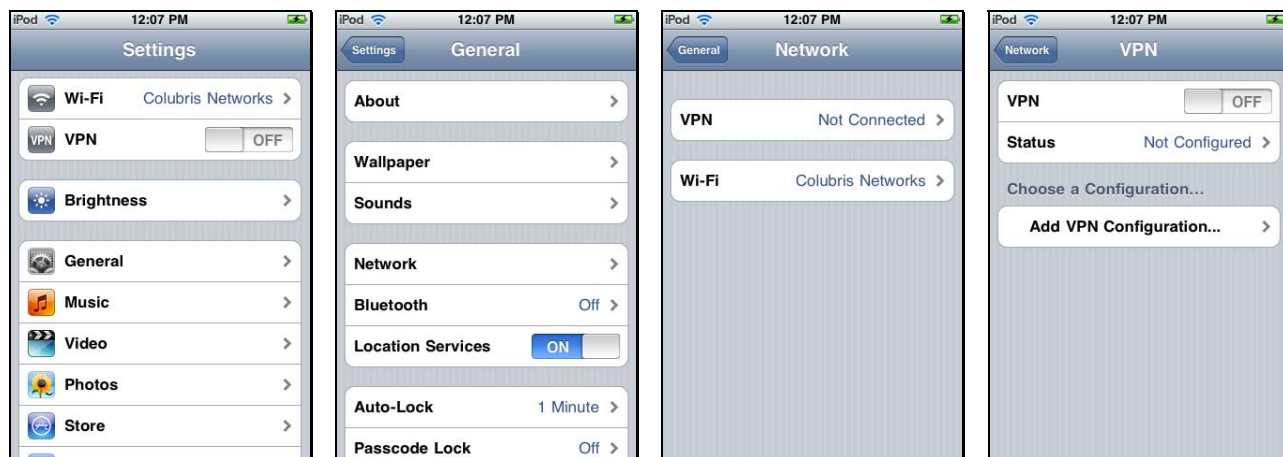
It is assumed that the reader has both working knowledge of all products involved, and the ability to perform the tasks outlined in this section. Administrators should have access to the product documentation for all products in order to install the required components.

All vendor products/components must be installed and working prior to the integration. Perform the necessary tests to confirm that this is true before proceeding.

Apple VPN Client Configuration

The Apple VPN client can be configured under the Settings for the iPhone/iPod Touch. Details for configuring the Apple VPN client can be found in the Apple iPhone/iPod Touch product documentation. Ask your administrator for any VPN related configuration information. To enable RSA SecurID authentication for the iPhone/iPod Touch, follow the instructions below.

1. Tap on **Settings**.
2. Tap on **General > Network > VPN > Add VPN Configuration...**



General

Network

VPN

Add VPN Configuration...



3. Select either **L2TP** or **PPTP**.
4. Complete the form by filling in the **Required** fields.

The screenshot shows the 'Add Configuration' screen for L2TP. The 'L2TP' tab is selected. The form includes the following fields and controls:

- Description**: Required
- Server**: Required
- Account**: Required
- RSA SecurID**: Slider set to OFF
- Password**: Ask Every Time
- Secret**: (empty field)
- Send All Traffic**: Slider set to ON

L2TP

The screenshot shows the 'Add Configuration' screen for PPTP. The 'PPTP' tab is selected. The form includes the following fields and controls:

- Description**: Required
- Server**: Required
- Account**: Required
- RSA SecurID**: Slider set to OFF
- Password**: Ask Every Time
- Encryption Level**: Auto >
- Send All Traffic**: Slider set to ON

PPTP

5. Drag the slider for **RSA SecurID** to **ON**.
6. Tap the **Save** button.

The screenshot shows the 'VPN' settings screen. The 'VPN' toggle is turned ON. The status is 'Connected: 0:50'. Under 'Choose a Configuration...', the 'RSA SecurID Custom' option is selected with a checkmark. There is also an 'Add VPN Configuration...' option.

7. Drag the slider for **VPN** to **ON**.



VPN Server Configuration

At the time of this writing, the Apple iPhone/iPod Touch VPN client is supported by the Apple and Microsoft VPN servers. Detailed instructions for configuring each server can be found at their respective product documentation. With respect to configuring RSA SecurID support, please see the appropriate RSA documentation.

Apple VPN Server Configuration

Refer to the [RSA Secured Partner Directory](#), keyword “Apple”. Select the SecurID Implementation Guide for **Apple VPN Service**.

Microsoft VPN Server Configuration

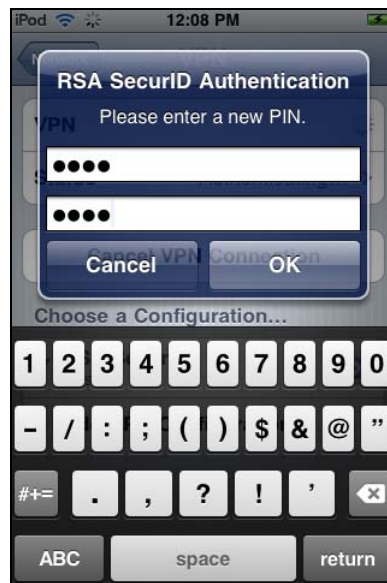
Refer to the RSA Authentication Agent for Windows Product Documentation. See the section on **Deploying Remote Authentication Using EAP with Microsoft IAS RADIUS Server**. At the time of this writing the version for the Authentication Agent was 6.1.

 **Note:** At the time of this writing, the Apple iPhone VPN client is supported by the Apple and Microsoft VPN servers **ONLY**.

End User Experience



End user is challenged for PASSCODE.



End user creates a new PIN.



Certification Checklist for RSA Authentication Manager

See the RSA Secured Implementation guide for the Apple VPN Service for certification testing information.

http://www.rsa.com/rsasecured/guides/imp_pdfs/Apple_VPN_Service_10.5_AuthMan7.1.pdf



Known Issues

User Selectable PIN mode

At the time of this writing there is a known defect in the Apple VPN client when users are set in the User Selectable PIN mode. The client will default to User Defined PIN instead of allowing the user to select a System Generated PIN.