



# iPhone Device Configuration Overview

Deploying iPhone across your enterprise is easy with iPhone 2.0 software. iPhone devices can be configured via Configuration Profiles created and distributed by your IT department. Configuration Profiles are XML files that, when installed, provide information that iPhone can use to connect to and communicate with your enterprise systems.

## Configuration Profile Components



### Exchange settings

Include server, domain, and account information in a Configuration Profile so that your users simply provide a password to connect via Microsoft Exchange ActiveSync.



### Wireless settings

Whether you are configuring iPhone to connect to a private network, or for RADIUS authentication to enterprise wireless access points, Configuration Profiles can be deployed to streamline corporate access point connections.



### VPN settings

Configure VPN server settings, accounts, proxies, certificates, tokens, passwords, groups, and shared secrets for your corporate private networks.



### Email settings

Configure IMAP or POP mail settings, including incoming and outgoing mail servers.



### Passcode policies

Protect your enterprise data by configuring device passcode policies. Set the minimum number of characters, number of complex characters required, passcode expiration, device lock interval, and maximum failed attempts.



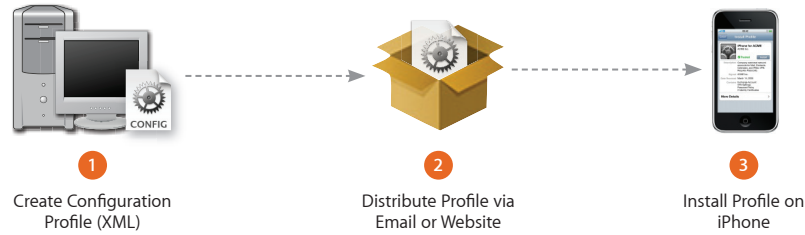
### Certificates

Ensure the identity of your users and control access to key enterprise services such as VPN and WPA2 Enterprise/802.1x networks on iPhone. Deploy certificates in raw formats PKCS1 (.cer, .crt, .der) and PKCS12 (.p12, .pfx).



### Signatures

Wrap your Configuration Profile with an identity so your users can be sure it's coming from a trusted source.



## 1 Creating Profiles

### iPhone Configuration Utility

A simple and intuitive application for IT administrators, the iPhone Configuration Utility gives you the ability to easily create Configuration Profiles. The iPhone Configuration Utility is available as a web application or as a native desktop application for Mac OS X.



## 2 Distributing Profiles

### Secure website

- Export the profile from the iPhone Configuration Utility.
- Add the appropriate MIME type to your web server.  
*application/x-apple-aspen-config mobileconfig*
- Host the Configuration Profile (uncompressed) on a secure site accessible to user(s).

### Email attachment

- Export the profile from the iPhone Configuration Utility.
- Attach the Configuration Profile (uncompressed) to an email and send to user(s).



## 3 Installing Profiles

### Installation on iPhone

- If the profile is web-hosted, navigate to the website using Safari on iPhone, and tap the file to initiate installation on iPhone.
- Configuration Profiles that are sent as an email attachment can be installed by tapping the file directly from the message body in Mail on iPhone.
- Tap Install to accept the settings. During installation, users are asked to enter any necessary information (such as account passwords) to complete the device configuration.