

**EC500 © for Apple iPhone**  
**Your Office Phone wherever YOU are!**  
Installation, and Administration Guide

Issue 5  
October 2011

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# Chapter 1: Getting Started

## Overview

With EC500© and your iPhone you can use Avaya™ *Extension to Cellular* very simple. Dial through your office or private. Pick a contact from your iPhone Address Book and take control over . This is the easiest way to take your office with you. **Wherever you are!**

EC500 © gives you the best mix of your iPhone and your *Office Phone*.

*The Phone* is your main instrument. Dial through your office or your mobile, it is your choice. *The Phone* includes main features; calling "Phone-Menu".

Direct access to your iPhone Address Book, with all well known features. Add/Edit/Delete a contact. Standard connection to the iPhone Apps, like Mail or Google Maps. You will not miss a thing. Promised!

*Call Log* and *Favorites* are another useful instruments. Get a fast view at your outgoing calls. Very easy to call them again. Build your own list of your favorite contacts. Just a click and you can call them. Everything is connected!

*The Menu* is the most powerful instrument on EC500 ©. With all the features they are possible to use with your iPhone the *Menu* will be your favorite. And for sure, everything is connected and still easy to use.

A cool experience in administration. Rolling out a huge range of EC500 © on your company iPhones? Not easy to set EC500 © up? Why not using the settings file? Easy to handle, upload it to your intranet server and let the users download them.

Large Enterprises with more than one DID-Prefixes are find a solution in EC500 ©. With no restrictions, you are able to add DID-Prefixes as many you want.

## What's New in This Version

EC500 © Version V1.2 introduces the following new enhancements:

- Complete iPhone Address Book integration with Add/Edit/Delete contacts, and groups
- Settings-XML File for an easier rollout and configuration
- Settings-Pin to make your configuration save for manipulation
- Features: Exclude Desk Set, Pick-Up Active Appearance

## Supported Languages

EC500 © supports the following languages:

- English
- German
- Japanese
- French

- Swedish
- Russian

## Supported iPhone

You can install and use EC500 © on the following iPhones and OS Versions:

- iPhone / iPhone 3G / iPhone 3G[S]
- iPhone OS 2.1 and later

## Requirements

Avaya™ Communication Manager Requirements:

- Avaya™ Communication Manager 3.1.2 or later
- license

## Mobile and Office Calls

EC500 © allows you to place a call use your cellular network or use your company's enterprise gateway (voice system). This gives you the flexibility to separate your mobile calls from your office calls.

**Note:** There is a charge for making local outgoing calls.

EC500 © allows you to use key office phone features such as transfer, block caller ID, forward calls to a number and park and pick-up a parked call. These features are not available from using mobile calls.

EC500 © also integrates with the native contacts application of your Apple iPhone. You are able to call numbers that are stored in your Apple iPhone Address Book.

# Chapter 2: Installing and Configuring EC500© on your iPhone

## Overview

This chapter describes how to install, and configure EC500© on your iPhone.

## Installing EC500©

You can install EC500© through iTunes AppStore. Before performing the procedure in this section, make sure you meet the following requirements:

- Apple iTunes (Windows / Mac OS X)
- Apple iPhone OS 2.1 or later
- Apple iTunes Account to buy software at the AppStore

To install EC500© through the AppStore, use following steps.

1. Start Apple iTunes on your PC/Mac
2. Go to iTunes Store and search for "EC500"
3. Click "Buy this App"
4. After downloading, sync your iPhone with your iTunes

## Downloading and Customizing the Settings-XML File

For an easier configuration of EC500 © it is recommend to use the Settings-XML File for EC500 ©.

To download the Sample File,

1. Visit <http://www.auraalliance.com/>
2. Downloading by right click on the available download link the file to your desktop.

To customize the settings file, use a common text editor (e.g. Smultron (Mac OS X <http://www.tuppis.com/smultron>) / SciTE (Windows <http://www.scintilla.org>)).

### ! Note:

Do not use a Word Processing Application like MS Word, OOo Writer or Apple Pages. Be sure to save the file in UTF-8

The settings file contains of a **Key** and a **String**. Do not change the key and fill out the string by using at your ACM following command:

```
# display off-pbx-telephone feature-extension-names
```

*Example:*

```
# <key>ACTIVE_APPEARANCE_SELECT</key>  
! <string></string>
```

```
#   Insert your configured number between the String:
#   <key>ACTIVE_APPEARANCE_SELECT</key>
!   <string>8417</string>
```

Upload the complete customized settings file to your intranet server or web server. After uploading it,

1. Start EC500 © on your iPhone and
2. Navigate to "Menu". Scroll down to "Settings"
3. Enter the URL where you are able to download the settings file.
4. Press "Download Settings-File".

After the download is finished, all your settings are configured in EC500© and you are able to start working.

### The Settings-Pin

Because of security reason or to make your settings on your iPhone save for manipulation. EC500 © comes with a Settings-Pin which is stored as a MD5 Hash. To pre-configure a Settings-Pin in the Settings-XML File you can visit the support page at <http://www.auraalliance.com>, where you find a little MD5 Hash tool written in PHP to help you to generate a MD5 Hash. Otherwise you can use HashToHash for your Apple iPhone which you can find at the iTunes AppStore for free.

**Note:**

The Settings-Pin has to be only numeric.

### Other Settings in the Settings-XML File

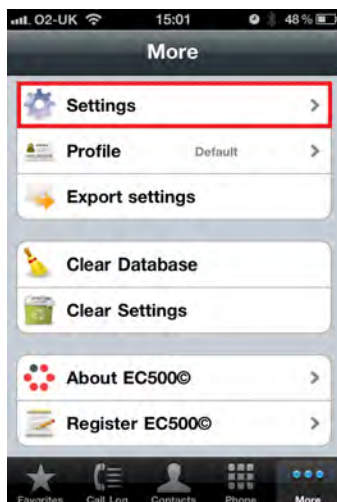
Not even the Feature Name Extensions can be used with the Settings-XML File. The following settings can be set also over the Settings-XML File:

LAST_STATE_KEY	<p>You are able to set with which part of EC500 © the App starts at any time. Use the following to set the key:</p> <pre>&lt;string&gt;X&lt;/string&gt;</pre> <p>Where <b>x</b> is:</p> <ul style="list-style-type: none"> <li><b>0</b> - Favorites</li> <li><b>1</b> - Call Log</li> <li><b>2</b> - Contacts</li> <li><b>3</b> - Phone</li> <li><b>4</b> - Menu</li> <li><b>5</b> - Save last state</li> </ul>
----------------	---

EXT_DIAL_PAUSE	<p>If your voice system is configured to dial a pause when you call a office extension, set this key to following string:  <code>&lt;string&gt;1&lt;/string&gt;</code>  otherwise:  <code>&lt;string&gt;0&lt;/string&gt;</code></p>
OPTIMIZE_DIAL	<p>EC500© is able to optimize the dialed number before calling. The number will be optimized to the best match.  Set this key to following string:  <code>&lt;string&gt;1&lt;/string&gt;</code>  otherwise:  <code>&lt;string&gt;0&lt;/string&gt;</code></p>
SOUND_OFF	<p>You can set on/off the sound of EC500© by using the following strings.  Sound on:  <code>&lt;string&gt;yesSound&lt;/string&gt;</code>  Sound off:  <code>&lt;string&gt;noSound&lt;/string&gt;</code></p>
ADD_DID_PREFIX	<p>If your company's voice system using additional DID-Prefixes insert all your DID-Prefixes comma seperated in the key:</p> <p><i>E.g.</i>  <code>&lt;string&gt;+5551257,+5551798&lt;/string&gt;</code></p> <p><b>Note:</b> Do not use spaces between the DID-Prefixes.</p>

## Manually configuration

You are able to set up EC500 © manually by going to *Menu->Settings*.



## Chapter 3: Example of Settings- XML File

This is a string example for Germany:

```
! <key>HOME_COUNTRY_DIAL_PREFIX</key>
! <string>+</string>
! <key>HOME_COUNTRY_DIAL_CODE</key>
! <string>49</string>
! <key>AREA_CODE</key>
! <string>30</string>
! <key>DID_PREFIX</key>
! <string>+4930????</string>
! <key>INTERNATIONAL_DIRECT_DIAL_PREFIX</key>
! <string>00</string>
! <key>NATIONAL_DIRECT_DIAL_PREFIX</key>
! <string>0</string>
! <key>ARS_CODE</key>
! <string>0</string>
! <key>EXTENSION_LENGTH</key>
! <string>4</string>
! <key>EXTENSION_PREFIX</key>
! <string>462</string>
! <key>OWN_EXTENSION</key>
! <string>185</string>
! <key>USERS_EMERGENCY_NUMBERS_1</key>
! <string>110</string>
! <key>USERS_EMERGENCY_NUMBERS_2</key>
! <string>112</string>
! <key>SETTINGS_PIN</key>
! <string></string>
! <key>ACTIVE_APPEARANCE_SELECT</key>
! <string>8421</string>
! <key>AUTO_CALL_BACK_TOGGLE</key>
! <string>8422</string>
! <key>CALL_FORWARDING_ALL_ACTIVATION</key>
! <string>8424</string>
! <key>CALL_FORWARDING_BUSY_NO_ANSWER_ACTIVATION</key>
! <string>8425</string>
! <key>CALL_FORWARDING_DISABLE</key>
! <string>8426</string>
! <key>CALLING_PARTY_NUMBER_BLOCK</key>
! <string>8430</string>
! <key>CALLING_PARTY_NUMBER_UNBLOCK</key>
! <string>8431</string>
! <key>CALL_PARK</key>
! <string>8427</string>
! <key>CALL_UNPARK</key>
! <string>8428</string>
! <key>EXCLUSION</key>
! <string>8435</string>
! <key>HELD_APPEARANCE_SELECT</key>
! <string></string>
! <key>IDLE_APPEARANCE_SELECT</key>
! <string>8410</string>
! <key>OFF_PBX_DISABLE</key>
! <string>8440</string>
! <key>OFF_PBX_ENABLE</key>
! <string>8441</string>
! <key>SEND_ALL_CALLS_DISABLE</key>
! <string>8416</string>
! <key>SEND_ALL_CALLS_ENABLE</key>
! <string>8415</string>
```

! <key>LAST\_STATE\_KEY</key>  
! <string>3</string>  
! <key>OPTIMIZE\_DIAL</key>  
! <string>1</string>  
! <key>EXT\_DIAL\_PAUSE</key>  
! <string>0</string>  
! <key>SOUND\_OFF</key>  
! <string>noSound</string>  
! <key>ADD\_DID\_PREFIX</key>  
! <string>+123456,+123789</string>