

## IP DECT 10 and Cisco CUCM

Cisco has information on how to register non-cisco SIP phone on their web page:

[http://www.cisco.com/en/US/docs/voice\\_ip\\_comm/cucm/admin/8\\_0\\_1/ccmcfg/b09sip3p.html](http://www.cisco.com/en/US/docs/voice_ip_comm/cucm/admin/8_0_1/ccmcfg/b09sip3p.html)

Please see simplified instructions below for how to add a third-party SIP device in CUCM version 7.1.

Connect to your CUCM server (<http://mycucm/ccmadmin>) and go to **System->Security Profile->Phone Security Profile**. Search for profiles that contain the string "third-party" and copy the profile named "Third-party SIP Device (Basic) - Standard SIP Non-Secure Profile". Configure the new profile as follows:



**Phone Security Profile Configuration**

Save Delete Copy Reset Apply Config Add New

**Status**

Status: Ready

**Phone Security Profile Information**

**Product Type:** Third-party SIP Device (Basic)  
**Device Protocol:** SIP  
**Name\*** Third-party SIP Device Basic - Digest Required  
**Description** Third-party SIP Device (Basic) - Digest Required  
**Nonce Validity Time\*** 600  
**Transport Type\*** TCP+UDP  
 Enable Digest Authentication

**Parameters used in Phone**

SIP Phone Port\* 5060

Save Delete Copy Reset Apply Config Add New

Save your settings.

### Add the User

Go to **User Management->End User**. The information you need to configure (values shown are used in our example):

- User ID: (any user id but recommended to use extension)
- Password: (this is not used by our Sip endpoint but you should always have one)
- PIN: (this is not used by our sip endpoint but you should always have one)
- Last Name: (Any name)
- First Name: (Any name)
- Digest Credentials: \*\*\*\*\* (this is used as Password in SIP endpoint)

### Add the SIP Phone

Go to **Device->Phone**. Click on **Add** and select "Third-Party SIP Device (Basic)". At a minimum, you should configure the following settings (values shown are used in our example):

- MAC Address: (MAC address of phone)
- Description: Konftel 300IP conference room
- Device Pool: (You should use a device pool that makes sense in your environment.)
- Calling Search Space: HQ\_User-Std\_CSS (this should be a CSS that fits into your dial plan, just like a standard Cisco SCCP station)
- Device Security Profile: Third-party SIP Device (Basic) - Digest Required
- Owner User ID: (extension)
- Digest User ID: (extension)

On the Konftel IP DECT 10 you go to Servers in the web interface and fill out the data from above:

## Servers

### **Konftel:**

192.168.1.4

[Add Server](#)

[Remove Server](#)

### **Konftel:**

Server Alias:	Any Alias
NAT Adaption:	Enabled ▼
Registrar:	CCUM Subscriber
Outbound Proxy:	
Conference Server:	
Call Log Server:	
Reregistration time (s):	600
SIP Session Timers:	Disabled ▼
Session Timer Value (s):	1800
SIP Transport:	UDP ▼
Signal TCP Source Port:	Enabled ▼
Use One TCP Connection per SIP Extension:	Disabled ▼

CCUM subscriber should be the IP address

Now click on Extensions. In the Extensions section you need to click on for example Idx number 1 to go in to edit mode for that extension (You have 20 extension profiles to choose from):

**Edit extension**

Extension:	<input type="text" value="(Extension)"/>
Authentication User Name:	<input type="text" value="(Extension)"/>
Authentication Password:	<input type="password" value="*****"/>
Display Name:	<input type="text" value="(Extension)"/>
XSI Username:	<input type="text"/>
XSI Password:	<input type="password" value="*****"/>
Mailbox Name:	<input type="text"/>
Mailbox Number:	<input type="text"/>
Server:	<input type="text" value="Konftel: 192.168.1.4"/>
Call waiting feature:	<input type="text" value="Enabled"/>
BroadWorks Feature Event Package:	<input type="text" value="Disabled"/>
UaCSTA:	<input type="text" value="Disabled"/>
Forwarding Unconditional Number:	<input type="text" value="Disabled"/>
Forwarding No Answer Number:	<input type="text" value="Disabled"/> <input type="text" value="20"/> s
Forwarding on Busy Number:	<input type="text" value="Disabled"/>

**Select Handset(s)**

Idx	IPEI
<input type="checkbox"/>	Add Handset
<input type="checkbox"/> 1	04930 0067448 8
<input type="checkbox"/> 2	12535 0155512 3
<input type="checkbox"/> 3	04932 0249064 1
<input checked="" type="checkbox"/> 4	12535 0156400 0

Authentication Password is the Digest Credentials from above.

Make sure that you have paired up the 300Wx to the IP DECT 10\* before you add the SIP account credentials. Once you have paired up the IP DECT 10 to the 300Wx you should have the unit added under handsets. Make sure that you tickbox the Units IPEI. In this example there are 4 300Wx handsets in the list and the one used for this specific extension is Handset nr. 4.

\*To pair the 300Wx to the IP DECT 10 you just must make sure that the IP DECT 10 is powered on and connected to a DHCP network. The led on the DECT base should be in steady green mode. On the 300Wx you now go to MENU → SETTINGS → DECT → REGISTER → BASE 1 → Enter 0000 as pincode and confirm with OK. This should be followed by "Success" if the units have paired up successfully.