

Using Polycom® KIRK® Wireless Server
600v3 with Cisco Unified
Communication Manager
(SIP protocol)

Technical Bulletin

Using Polycom[®] KIRK[®] Wireless Server 600v3 with CUCM

Introduction

This document provides introductory information on how to use a Polycom[®] KIRK[®] Wireless Server 600v3 DECT system with the Cisco Unified Communication Manager PBX. It offers answers to frequently asked questions along with feature configuration examples for both Cisco Unified CM and Polycom KIRK DECT Systems. Find the Cisco Unified CM wiki at:

<http://www.cisco.com/en/US/products/sw/voicesw/ps556/>

This document assumes that you have an installed and functioning Cisco Unified CM server. If you do not have a functioning Cisco Unified CM server, check the support page from Cisco website.

Terms and Definitions:

- The term KWS 600v3 refer to the Polycom KIRK DECT System KIRK Wireless Server 600v3.
- Cisco Unified CM or CUCM server refers to a functioning Cisco Unified Communication Manager PBX installation.

The examples in this document were tested with Polycom KWS 600v3 IP Firmware 09-60700.89 and Radio Firmware PCS05Ag (available from http://www.polycom.eu/support/voice/dect/dect_ws_600v3.html), and with CUCM server version 7.1.2.20000-2.

If there is an issue with a configuration that is specific to a particular software release, the issue is noted.

Please ensure that you have read and understood our Admin Guide and set up the KWS System before following the advice given below:

KWS 600v3

http://www.polycom.eu/global/documents/support/setup_maintenance/products/voice/KWS600v3_insta_config_guide.pdf

Using Polycom[®] KIRK[®] Wireless Server 600v3 with CUCM

The topics in this document include:

- [Creating a Basic SIP Configuration](#)
- [Phone License Units](#)
- [Bulk Administration Tool \(BAT\)](#)
- [Additional Resources](#)

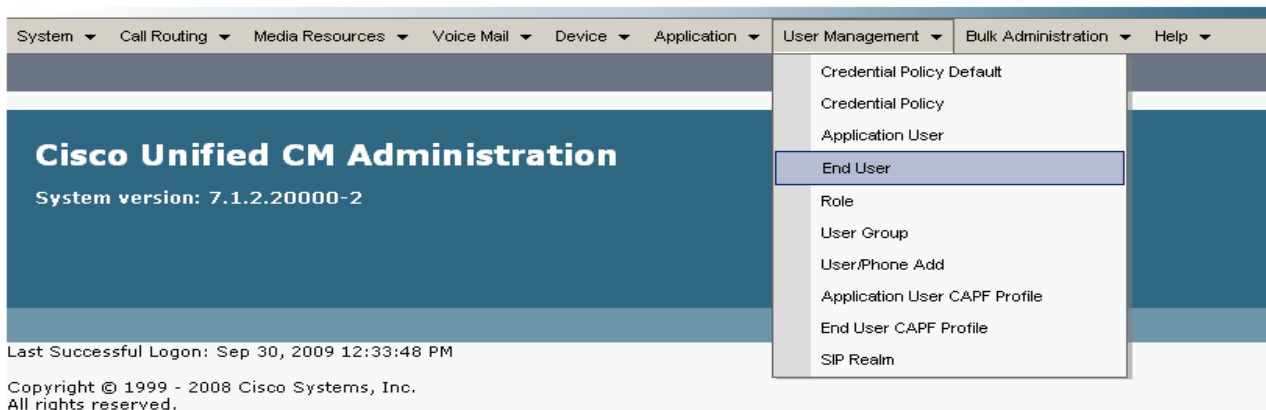
The configuration file fragments in the figures of this document show the basic settings required to configure both CUCM server and the KWS 600v3 to successfully interoperate. Note that these settings are minimal configurations and only show changes from default factory settings on the KWS.

Creating a Basic SIP Configuration

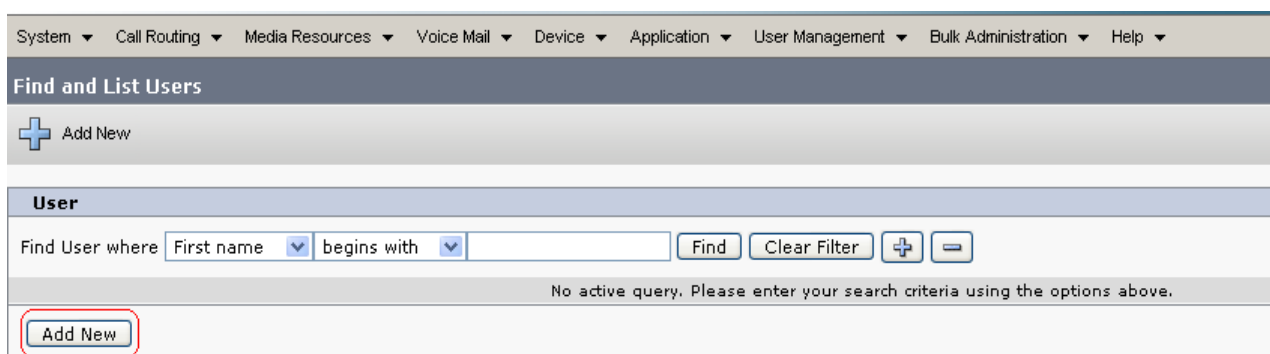
To create a basic SIP configuration:

For each phone to be connected, follow the steps below:

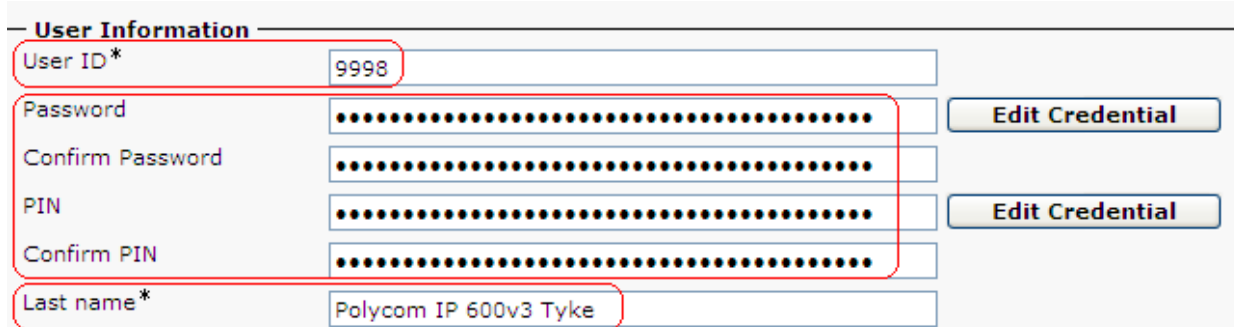
1. On the Cisco Unified CM Administration page click on User Management and select End User



A page similar to the one below will be displayed.



Click on **Add New** to add a new user:



The User ID reflects the SIP DDI (direct dial-in) that will be assigned to the Polycom Kirk Handset.

- A Password should be used for security reasons. This Password is used only internally. In above example is 12345.
- The same Value is used for the PIN.
The Pin is the Password used on the Polycom Kirk Handset.

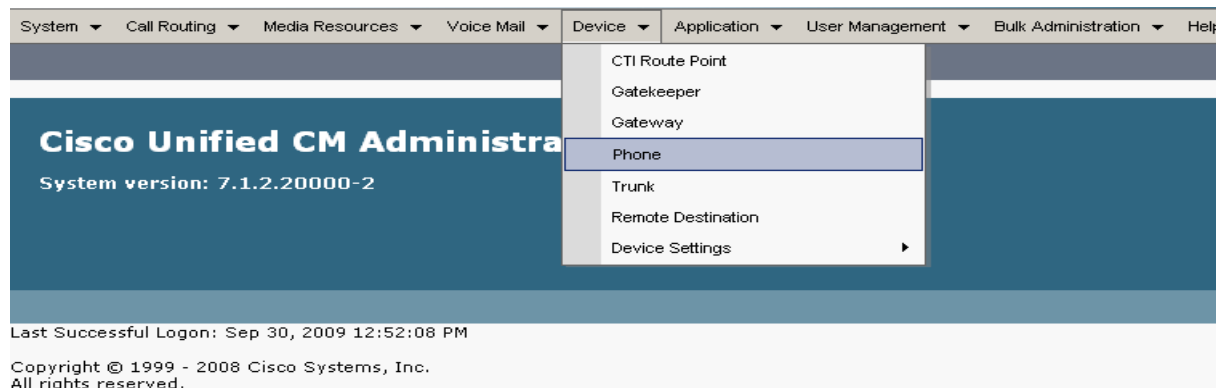
Using Polycom® KIRK® Wireless Server 600v3 with CUCM

- The *Last Name* entry is used to identify this User and it is mandatory

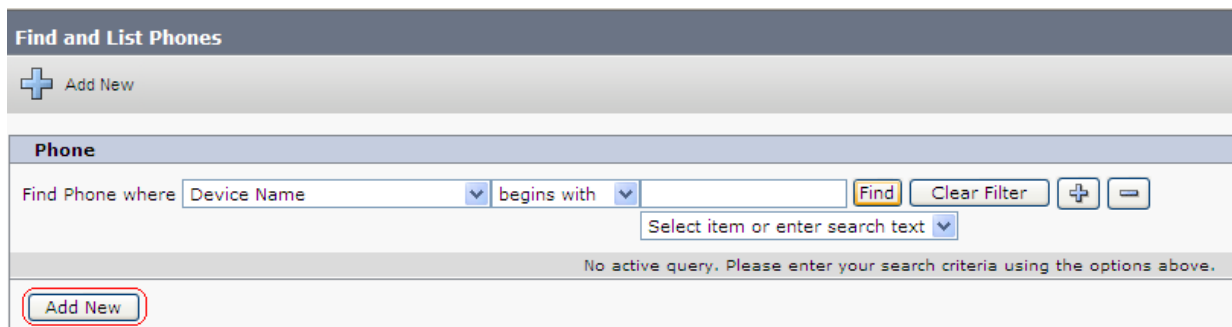
After making these settings, click on the Save Icon to store the information.

The operation described above must be repeated for every SIP DDI that will be added to the Cisco Unified CM.

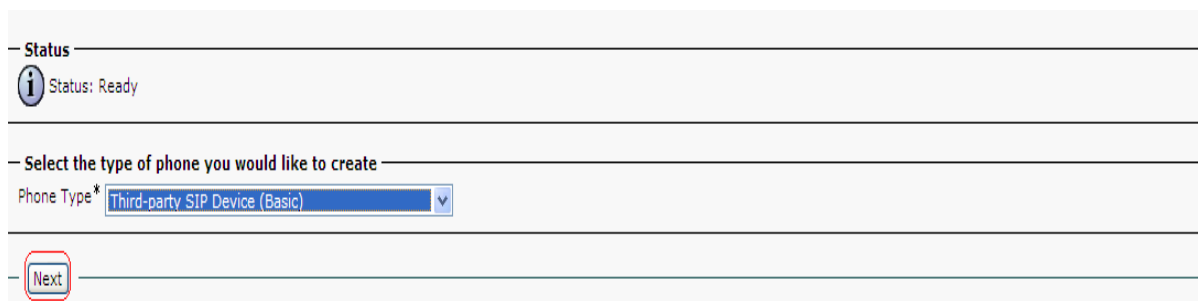
2. On the Cisco Unified CM click on Device and select Phone



A page similar to the one below will be displayed.



Click on Add New and select a Third-Party SIP Device(Basic) from the drop down list, then click Next to proceed.



In the **Device Information** area, add the *Mac Address (IPEI)* of the Polycom Kirk Handset and ensure that *Device Pool* and *Phone Button Template* are selected as highlighted. Notice the *Owner User ID* which must reflect the SIP DDI that has been assigned to the User. Also make sure that *Is Active* button is checked.

Using Polycom® KIRK® Wireless Server 600v3 with CUCM

Device Information

Is Active

MAC Address*

Description

Device Pool* [View Details](#)

Common Device Configuration [View Details](#)

Phone Button Template*

Common Phone Profile*

Calling Search Space

AAR Calling Search Space

Media Resource Group List

Location*

AAR Group

Device Mobility Mode* [View Current Device Mobility Settings](#)

Owner User ID

Use Trusted Relay Point*

Always Use Prime Line*

Always Use Prime Line for Voice Message*

Calling Party Transformation CSS

Geo Location

Use Device Pool Calling Party Transformation CSS

Ignore Presentation Indicators (internal calls only)

Logged Into Hunt Group

Remote Device

In the **Protocol Specific Information** area chose the *Device Security Profile*, *SIP Profile* and the *Digest User* as highlighted below and press save to store this information within the CUCM server.

Protocol Specific Information

Presence Group*

MTP Preferred Originating Codec*

Device Security Profile*

Rerouting Calling Search Space

SUBSCRIBE Calling Search Space

SIP Profile*

Digest User

Media Termination Point Required

Unattended Port

Require DTMF Reception

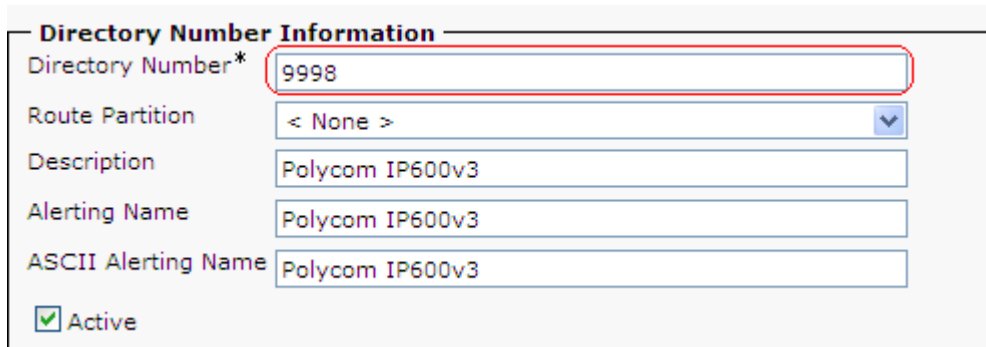
In **Association Information** area click on *Add a new DN* Button in order to assign the selected SIP DDI.

Association Information

1

Using Polycom® KIRK® Wireless Server 600v3 with CUCM

In the **Directory Number Information** area write the desired SIP DDI and the *Alerting Name* (This number will be added as the Name within the User data for the Handset on the KWS 600v3 Web Interface)



Directory Number Information

Directory Number*

Route Partition

Description

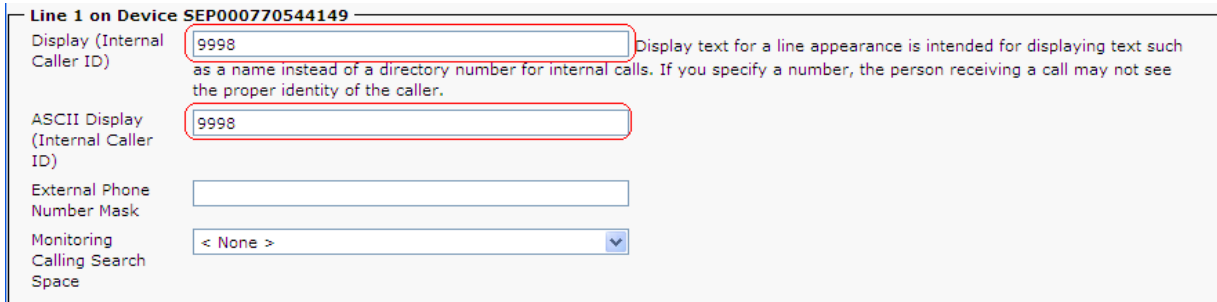
Alerting Name

ASCII Alerting Name

Active

- The description is used only internally.
- Alerting name is displayed whilst a SIP Device rings another Device. Once connected the Display (Internal Caller ID) is shown.

The Display (Internal Caller ID) and ASCII Display (Internal Caller ID) is a feature that displays the added entry on Cisco Phones when they receive a call from a Kirk Handset.



Line 1 on Device SEP000770544149

Display (Internal Caller ID) Display text for a line appearance is intended for displaying text such as a name instead of a directory number for internal calls. If you specify a number, the person receiving a call may not see the proper identity of the caller.

ASCII Display (Internal Caller ID)

External Phone Number Mask

Monitoring Calling Search Space

- The Display (Internal Caller ID) is displayed on outgoing Calls on the ringing End
- External Phone Number Mask is for Cisco Phones only.

The process is finalized by clicking on Save Button.

Using Polycom® KIRK® Wireless Server 600v3 with CUCM

- Once the Cisco Unified CM configuration is completed, KWS 600v3 has to be configured as well. Browse to your Primary KWS 600v3 Administration page and then select IP -> Settings menu:

KIRK Wireless Server 600v3

Configuration	Settings	NAT	H.323-NAT	PPP-Config	PPP-State	Routing
General						
IP	TOS Priority - RTP Data 0xb8 0xb8					
ETH0	TOS Priority - Signalling 0x68 0x68					
ETH1	First UDP-RTP Port	Number of Ports	First/Last 16384 / 32766			
LDAP	First UDP-NAT Port	Number of Ports				
DECT	Local Networks					
Administration	Address Mask					
DECT						
Download	Private Networks					
Upload	Address Mask					
Diagnostics						
Reset	OK Cancel					

- Change the **TOS Priority – RTP Data** field to 0xb8
- Change the **TOS Priority – Signalling** field to 0x68
- Click **OK** to save your configuration

Next go to *DECT -> Master* menu page (under Configuration menu):

KIRK Wireless Server 600v3

Configuration	System	Master	Features	Radio
General				
IP	Mode	Active		
ETH0	Protocol	SIP		
ETH1	SIP-Proxy	192.168.10.20		
LDAP	SIP-Domain			
DECT	Disable broadcast delay	<input type="checkbox"/>		
Administration	SIP Interop Tweaks			
DECT	Registration time-to-live (expires)		sec	
Download	STUN Server			
Upload	Hold Signaling	inactive		
Diagnostics	Hold before Transfer	<input type="checkbox"/>		
Reset	Accept INVITE's from anywhere	<input type="checkbox"/>		
	Name for Authentication	<input type="checkbox"/>		
	OK Cancel			

- From the **Protocol** list, select SIP
- In the **SIP-Proxy** field, type the IP address of the CUCM server.
- Click **Ok**
- Click **Reset** (under Administration menu) to save your configuration.

Using Polycom® KIRK® Wireless Server 600v3 with CUCM

Go to *DECT* -> *System* menu page (under Configuration menu):

KIRK Wireless Server 600v3

Configuration	System	Master	Features	Radio
General	Name: <input type="text" value="DECT"/>			
IP	Pwd: <input type="password" value="••••••"/>			
ETH0	••••••			
ETH1				
LDAP	Sys-Mask: <input type="text"/>			
DECT	AC: <input type="text"/>			
Administration	Subscriptions: <input type="text" value="With System AC"/>			
DECT	Tones: <input type="text" value="EUROPE-PBX"/>			
Download	<input checked="" type="checkbox"/> Enbloc Dialing			
Upload	<input checked="" type="checkbox"/> Local R-Key/Display Handling			
Diagnostics	<input checked="" type="checkbox"/> DTMF through RTP channel			
Reset	<input type="checkbox"/> No Transfer on Hangup			
	<input type="checkbox"/> No Display of Date and Time			
	Coder Preferences			
	General Coder Preference	<input type="text" value="G729A"/>	Framesize [ms]	<input type="text" value="60"/>
			Silence Compression	<input type="checkbox"/> Exclusive <input type="checkbox"/>
	Local Network Coder	<input type="text" value="G711A"/>	Framesize [ms]	<input type="text" value="30"/>
			Silence Compression	<input type="checkbox"/>
	<input type="button" value="OK"/> <input type="button" value="Cancel"/>			

- Select the **Enbloc Dialing** check box.
- Select the **DTMF through RTP channel** check box.
- Click **OK** to save your configuration

Next go to *DECT* -> *Users* menu page (under Administration menu) and select **new**. A new page will open:

KIRK Wireless Server 600v3

Configuration	Statistics	Users	Unknown	Radios	Master-Calls
General					
IP	<input type="text"/> show				
ETH0	<input type="text"/> new				
ETH1					
LDAP					
DECT					
Administration					
DECT					
Download					
Upload					
Diagnostics					
Reset					

Using Polycom® KIRK® Wireless Server 600v3 with CUCM

Long Name = type any name
Name = The Directory number that has been added in the CUCM.
Number = local number used in CUCM
Auth. Name = User ID that has been used when the user was created in the CUCM menu.
Password = The PIN that has been used when the User was created in the CUCM menu.
Display Text = is not mandatory (may be overwritten by the SIP call handler)
IPEI = The 12 digit serial Number of the Kirk Handset

A successful registration may be verified on CUCM; it is shown in the CUCM *Device* → *Phone* selection.

Device Name(Line)	Description	Device Pool	Device Protocol	Status	IP Address	Copy
SEP000770544145	SEP000770544145	Default	SIP	Registered with CUCM	192.168.10.21	

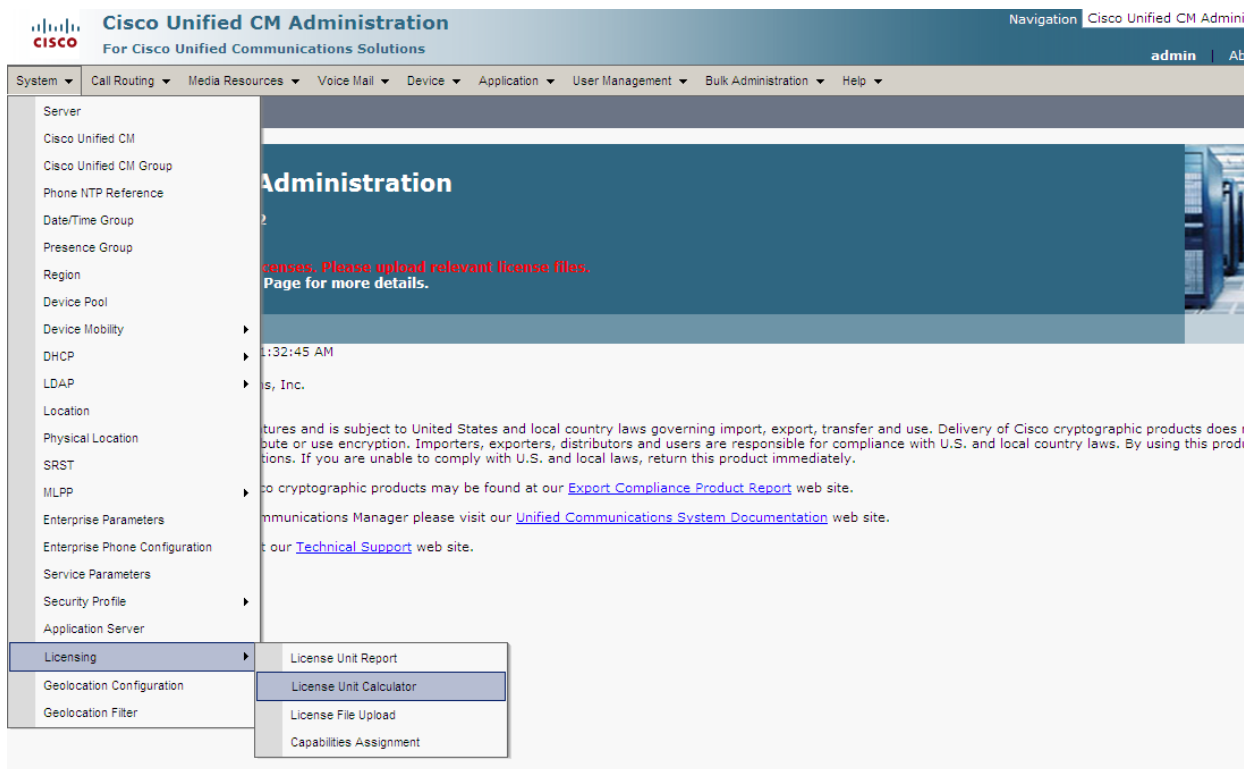
And on the Kirk KWS 600v3 *DECT* → *Users* web interface (under Administration menu):
KIRK Wireless Server 600v3

Long Name	Name	No	Display	IPEI	AC Registration
9998	9998	9998	Cisco	9998	000770544145 192.168.10.20

Users: 1, Registrations: 1

Phone License Units

In order to be able to register Kirk Handsets with Cisco Unified CM, license units are needed. To calculate the amount of license units required for a specific number of Handsets, go to *System -> Licensing -> License Unit Calculator* page from CUCM administration webpage.



A new page similar to the one below is displayed. Scroll down until Third-Party SIP Device (Basic) appears and fill in the box with the specific number of handset required to register with Cisco Unified CM, then press Calculate. The total Phone License Units needed will be displayed:

Cisco Unified Presence Server End User Feature License	1	0	0	0	<input type="text" value="0"/>
Cisco VGC Phone	0	0	0	0	<input type="text" value="0"/>
Cisco VGC Virtual Phone	0	0	0	0	<input type="text" value="0"/>
H.323 Client	2	0	0	0	<input type="text" value="0"/>
IP-STE	6	0	0	0	<input type="text" value="0"/>
Mobility Enabled End Users	4	0	0	0	<input type="text" value="0"/>
Mobility Enabled End Users (Adjunct)	2	0	0	0	<input type="text" value="0"/>
Other Phone	5	0	0	0	<input type="text" value="0"/>
Third-party SIP Device (Advanced)	6	0	0	0	<input type="text" value="0"/>
Third-party SIP Device (Basic)	3	1	3	0	<input type="text" value="123"/>
Transnova S3	4	0	0	0	<input type="text" value="0"/>
Total Phone License Units Used:				3	
Total Phone License Units Needed:					<input type="text" value="369"/>

i *- indicates required item.

Bulk Administration Tool (BAT)

The Cisco Unified CM Bulk Administration Tool (BAT) lets you add, update or delete a large number of similar phones and users at the same time. In order for BAT to work, you need first to activate Bulk Provisioning Service (BPS) from Cisco Unified CM Serviceability.

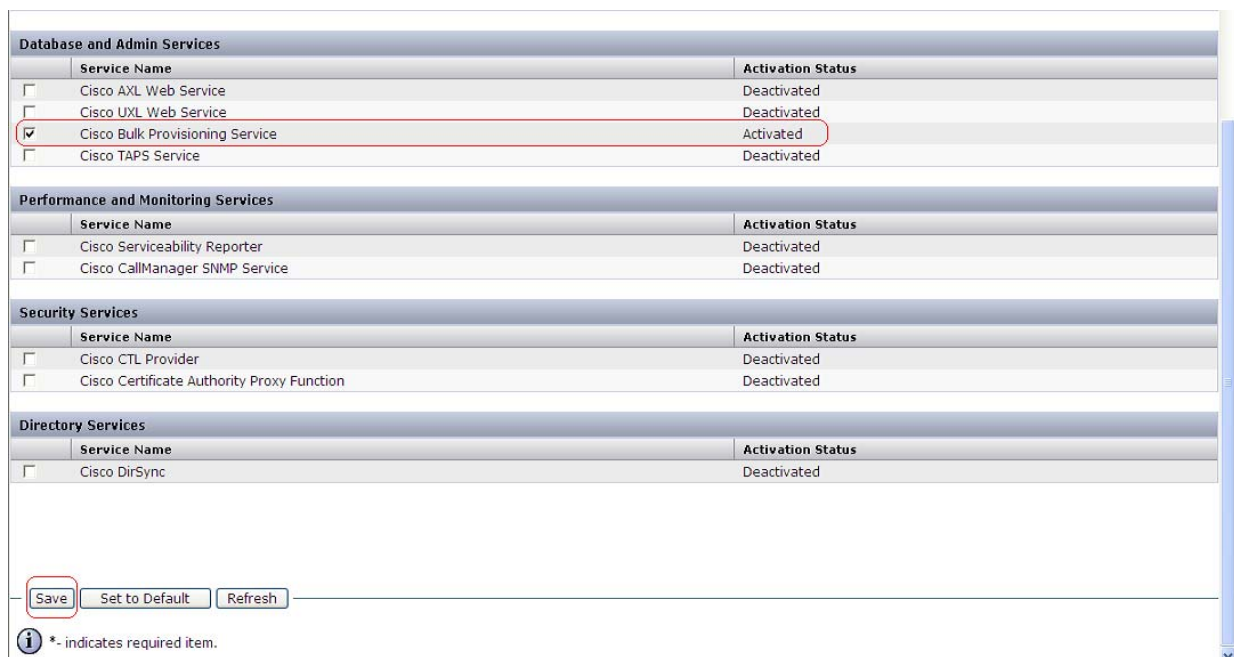
Log-on to Cisco Unified Serviceability from the Navigation Tab, as shown in the screen dump below:



Go to *Tools* -> *Service Activation*:

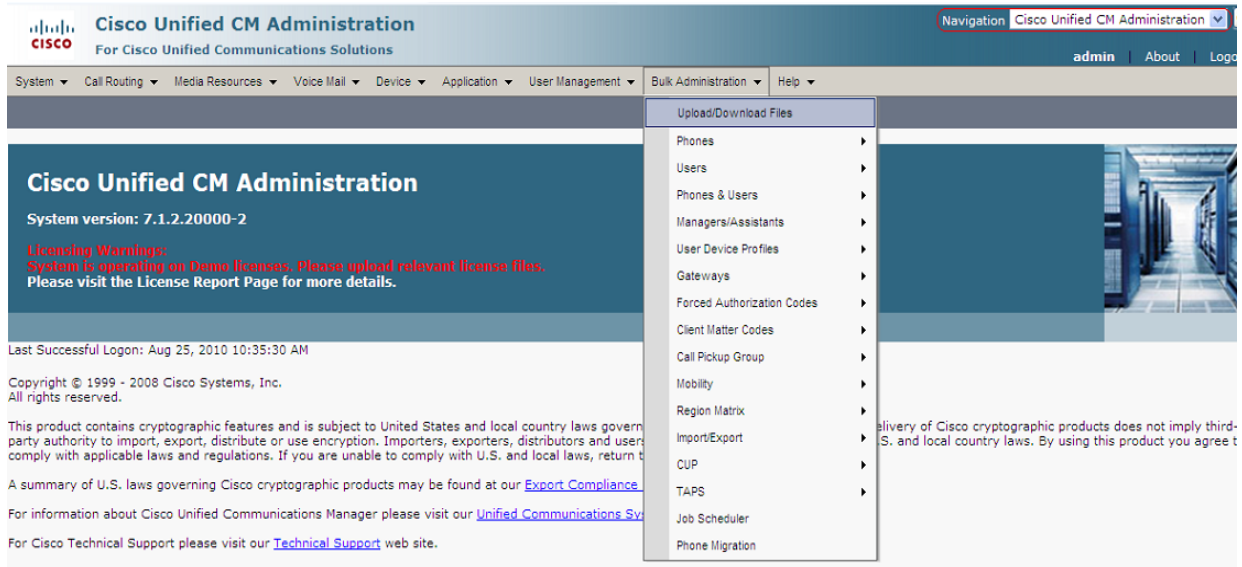


A new page similar to the one below is displayed. Go to *Cisco Bulk Provisioning Service* (found in Database and Admin Services category) and activate it (by checking the box) then click on *Save* to store the information. Activation status should change to Activated.

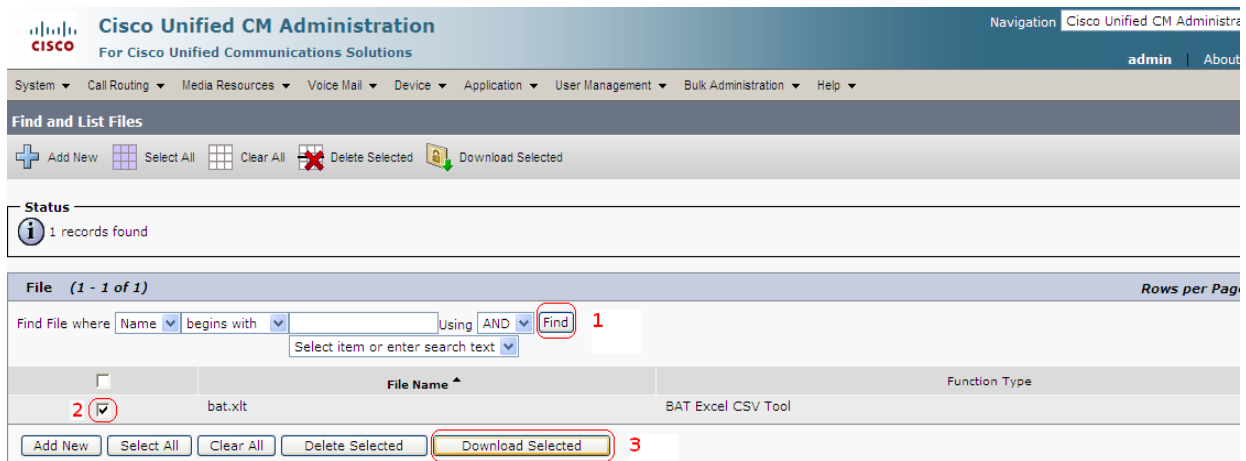


Using Polycom® KIRK® Wireless Server 600v3 with CUCM

Once the service is activated, logon into Cisco Unified CM Administration page and go to Bulk Administration -> Upload/Download Files:

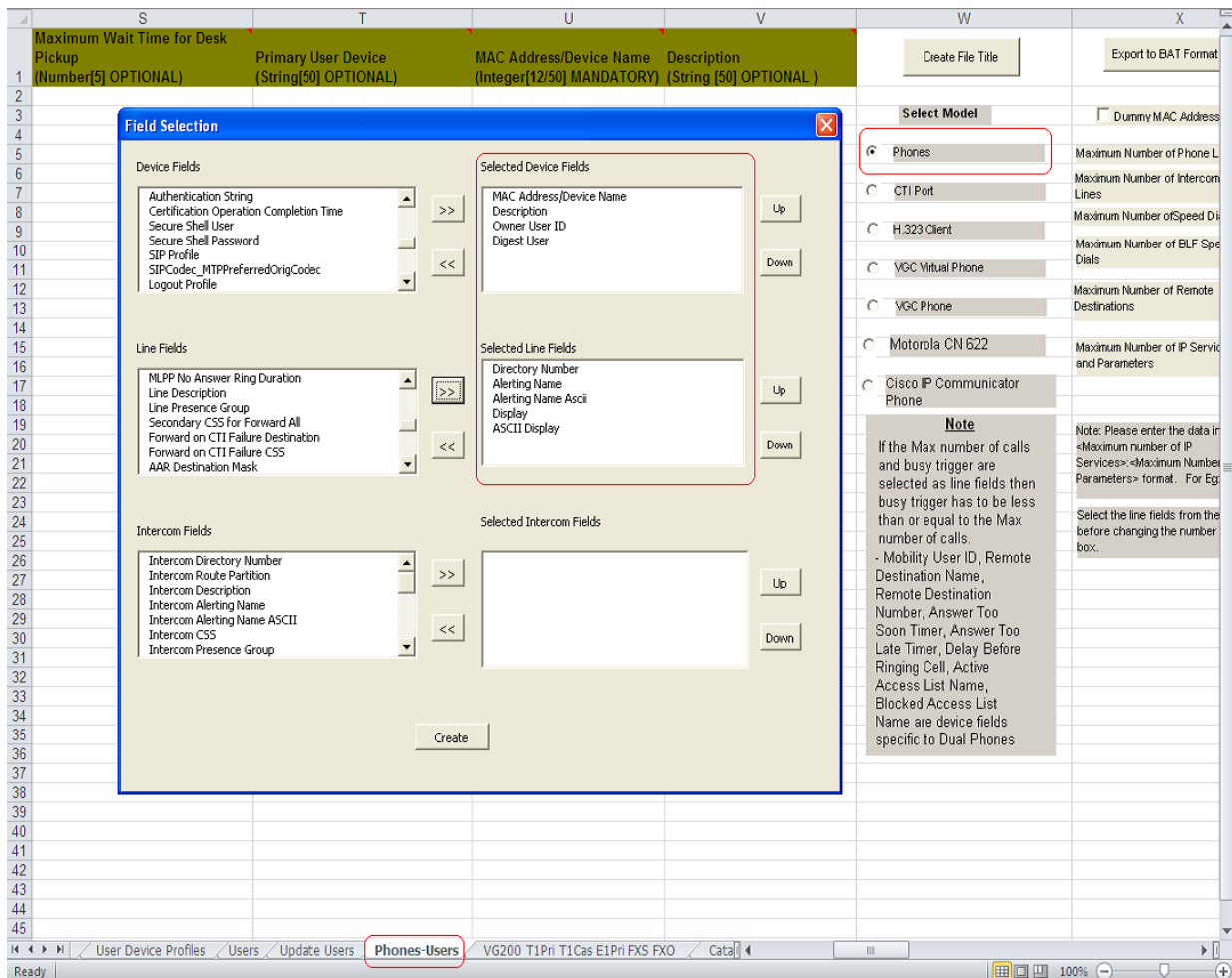


A new page as the one below is displayed. Click on *Find* and search for bat.xlt in the list. Check left side the box and click on Download Selected. Save the file on your hard drive.



- Open the bat.xlt spread sheet you just saved on your machine.
- When prompted, click **Enable Macros** to use spread sheet capabilities.
- Click on **Phones-Users** tab at the bottom of the spread sheet.
- Make sure that Selected Model is on Phone and click on **Create File Title** button. A new page appears as shown in the picture below
- Add Owner User ID and Digest User to appear in Selected Device Fields
- Add Directory Number, Alerting Name, Alerting Name ASCII, Display and ASCII Display to appear in Selected Line Fields.
- Click on Create and Yes when prompted

Using Polycom® KIRK® Wireless Server 600v3 with CUCM



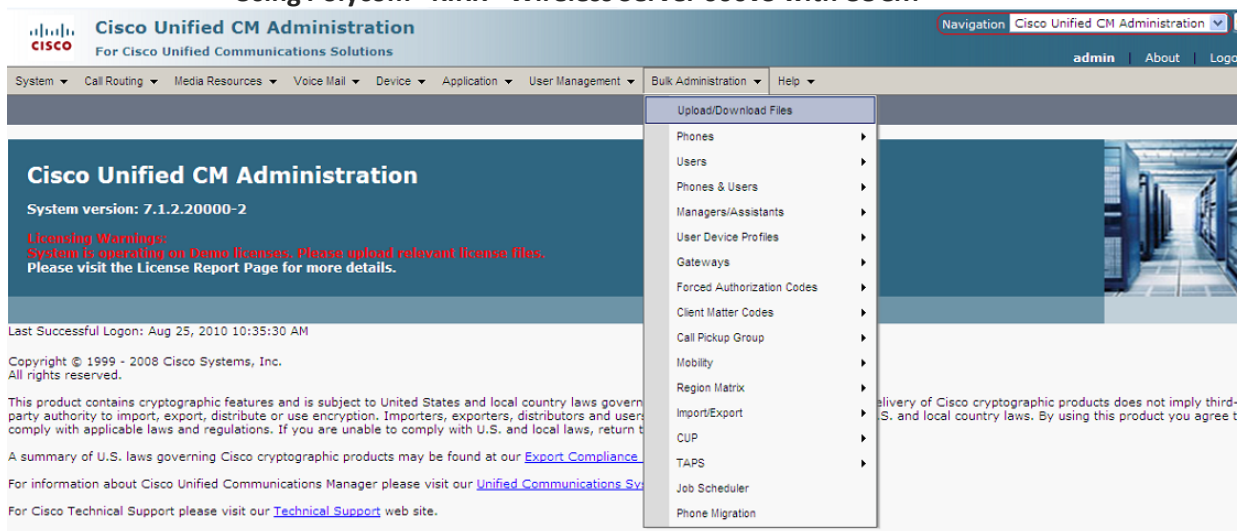
The screenshot shows a spreadsheet interface with a 'Field Selection' dialog box open. The dialog box has three sections: 'Device Fields', 'Line Fields', and 'Intercom Fields'. Each section contains a list of fields and a 'Selected' list. The 'Selected Device Fields' list includes: MAC Address/Device Name, Description, Owner User ID, and Digest User. The 'Selected Line Fields' list includes: Directory Number, Alerting Name, Alerting Name Ascii, Display, and ASCII Display. The 'Selected Intercom Fields' list is currently empty. The 'Select Model' dropdown menu is set to 'Phones'. A note is visible on the right side of the spreadsheet, stating: 'Note: Please enter the data in <Maximum number of IP Services>-<Maximum Number Parameters>-format. For Eg: Select the line fields from the before changing the number box.' The spreadsheet has columns S, T, U, V, W, X. The 'Field Selection' dialog box has a 'Create' button at the bottom.

Now you have to fill the following fields which contain minimal information about users:

- **Last Name:** used to identify the user. Ex: Polycom IP 600v3 Slough
- **User ID:** reflects the SIP DDI that will be assigned to the Polycom Kirk Handset. Ex: 9998
- **Password:** is recommended to use a pass for security reasons.
- **PIN:** is the Authentication Password used on the Polycom Kirk Handset
- **MAC Address/Device Name:** the IPEI of the handset.
- **Owner User ID:** user ID of the assigned phone user. Ex: 9998
- **Digest User:** end user that is associated to the phone Ex:9998
- **Directory Number 1:** phone number (SIP DDI). Ex: 9998
- **Alerting Name 1:** is displayed whilst a SIP device rings another device. Once connected the Display1 is shown.
- **Alerting Name Ascii 1:** same as Alerting Name, but only ASCII characters
- **Display 1:** if blank the system will display the extension.
- **ASCII Display 1:** same as Display1.

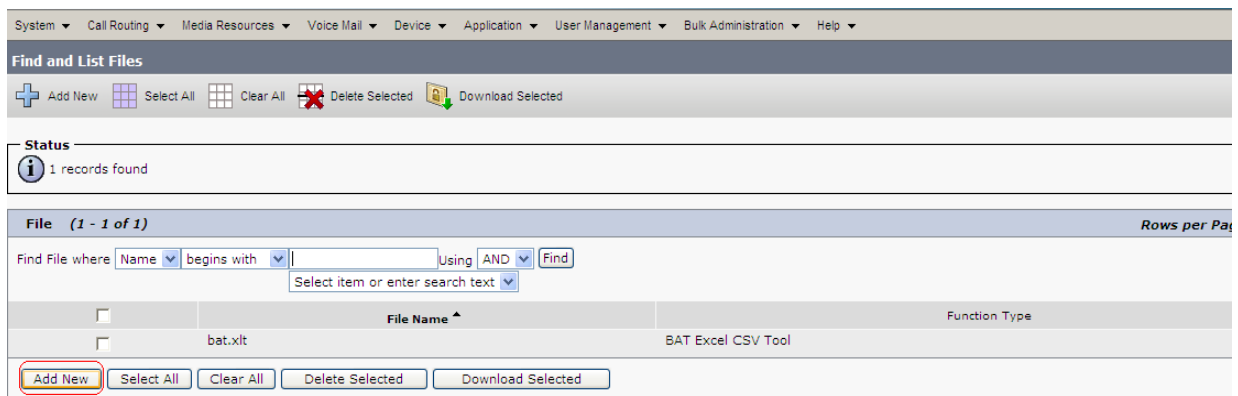
You can enter as many users as needed, each one on its separate row. After the spread sheet is filled with all the above info about the users, the file must be saved and then uploaded on the Cisco Unified CM. Click on *Export to BAT Format* and save the file on your local hard drive. Next go to Cisco Unified CM Administration Page, and from there to *Bulk Administration -> Upload/Download File* page:

Using Polycom® KIRK® Wireless Server 600v3 with CUCM



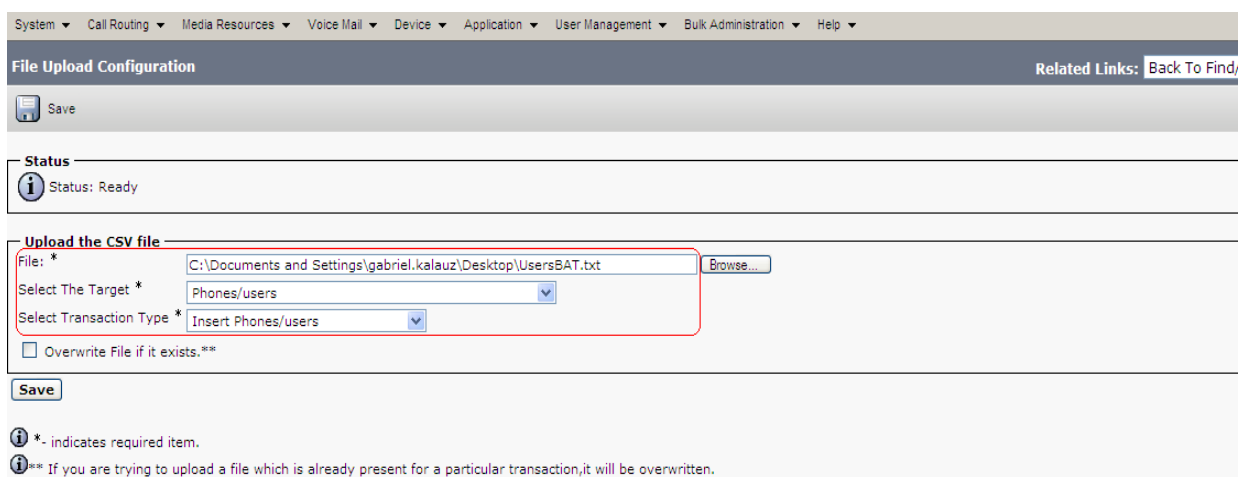
The screenshot shows the Cisco Unified CM Administration web interface. The navigation menu is open, highlighting the 'Upload/Download Files' option. The main content area displays system information, including the version (7.1.2.20000-2) and a licensing warning. The 'Bulk Administration' menu items include: Phones, Users, Phones & Users, Managers/Assistants, User Device Profiles, Gateways, Forced Authorization Codes, Client Matter Codes, Call Pickup Group, Mobility, Region Matrix, Import/Export, CUP, TAPS, Job Scheduler, and Phone Migration.

A new page similar to the one below should appear. From here you can upload the file created with bat.xlt spread sheet.



The screenshot shows the 'Find and List Files' page. It features a search bar with options for 'Name', 'begins with', and 'Using AND'. Below the search bar is a table with columns for 'File Name' and 'Function Type'. A single file, 'bat.xlt', is listed with the function type 'BAT Excel CSV Tool'. The 'Add New' button is highlighted with a red box.

Click on Add New to add the file created with bat.xlt to the CUCM server. A page similar to the one below should appear:



The screenshot shows the 'File Upload Configuration' page. It includes a 'Save' button and a 'Status' section indicating 'Status: Ready'. The 'Upload the CSV file' section contains a 'File:' field with the path 'C:\Documents and Settings\gabriel.kalauz\Desktop\UsersBAT.txt', a 'Browse...' button, a 'Select The Target *' dropdown menu set to 'Phones/users', and a 'Select Transaction Type *' dropdown menu set to 'Insert Phones/users'. There is also an unchecked checkbox for 'Overwrite File if it exists.**'. A 'Save' button is located below the form. A legend at the bottom explains the asterisk symbols: '*' indicates a required item, and '**' indicates that an existing file will be overwritten.

Make sure that **Select The Target** is set to Phones/users and **Select Transaction Type** is set to Insert Phones/users. Browse to the file created with bat.xlt from your local drive and then click save. To make sure the file is uploaded on the CUCM server, go to *Bulk Administration* -> *Upload/Download Files* and click on Find. The uploaded file should appear along with bat.xlt file, as shown below:

Using Polycom® KIRK® Wireless Server 600v3 with CUCM

System ▾ Call Routing ▾ Media Resources ▾ Voice Mail ▾ Device ▾ Application ▾ User Management ▾ Bulk Administration ▾ Help ▾

Find and List Files

+ Add New Select All Clear All Delete Selected Download Selected

Status

i 2 records found

File (1 - 2 of 2) Rows per Page

Find File where Name ▾ begins with ▾ Using AND ▾

Select item or enter search text ▾

<input type="checkbox"/>	File Name ^	Function Type
<input type="checkbox"/>	UsersBAT.txt	Insert Phones/users
<input type="checkbox"/>	bat.xls	BAT Excel CSV Tool

Next you have to create a Phone Template and a User Template.
To create a Phone Template, go to *Bulk Administration -> Phones -> Phone Template*.

Cisco Unified CM Administration For Cisco Unified Communications Solutions

Navigation Cisco Unified CM Administration ▾ Go

admin | About | Logout

System ▾ Call Routing ▾ Media Resources ▾ Voice Mail ▾ Device ▾ Application ▾ User Management ▾ Bulk Administration ▾ Help ▾

Cisco Unified CM Administration

System version: 7.1.2.20000-2

Licensing Warning:
System is operating on Demo licenses. Please upload relevant license files. Please visit the License Report Page for more details.

Last Successful Login: Aug 25, 2010 1:08:53 PM

Copyright © 1999 - 2008 Cisco Systems, Inc. All rights reserved.

This product contains cryptographic features and is subject to United States and local country laws governing party authority to import, export, distribute or use encryption. Importers, exporters, distributors and users comply with applicable laws and regulations. If you are unable to comply with U.S. and local laws, return to the manufacturer.

A summary of U.S. laws governing Cisco cryptographic products may be found at our [Export Compliance](#) page.

For information about Cisco Unified Communications Manager please visit our [Unified Communications System](#) page.

For Cisco Technical Support please visit our [Technical Support](#) web site.

- Upload/Download Files
- Phones
 - Phone Template
 - Phone File Format
 - Validate Phones
 - Insert Phones
 - Update Phones
 - Delete Phones
 - Export Phones
 - Add/Update Lines
 - Reset/Restart Phones
 - Generate Phone Reports
 - Migrate Phones
 - Add/Update Intercom
- Users
- Phones & Users
- Managers/Assistants
- User Device Profiles
- Gateways
- Forced Authorization Codes
- Client Master Codes
- Call Pickup Group
- Mobility
- Region Matrix
- Import/Export
- CUP
- TAPS
- Job Scheduler
- Phone Migrator

A page similar to the one below appears:

Cisco Unified CM Administration For Cisco Unified Communications Solutions

Navigation Cisco Unified CM Administration ▾ Go

admin | About | Logout

System ▾ Call Routing ▾ Media Resources ▾ Voice Mail ▾ Device ▾ Application ▾ User Management ▾ Bulk Administration ▾ Help ▾

Find and List Phone Templates Related Links: [Actively Logged In Device Reports](#)

+ Add New

Phone

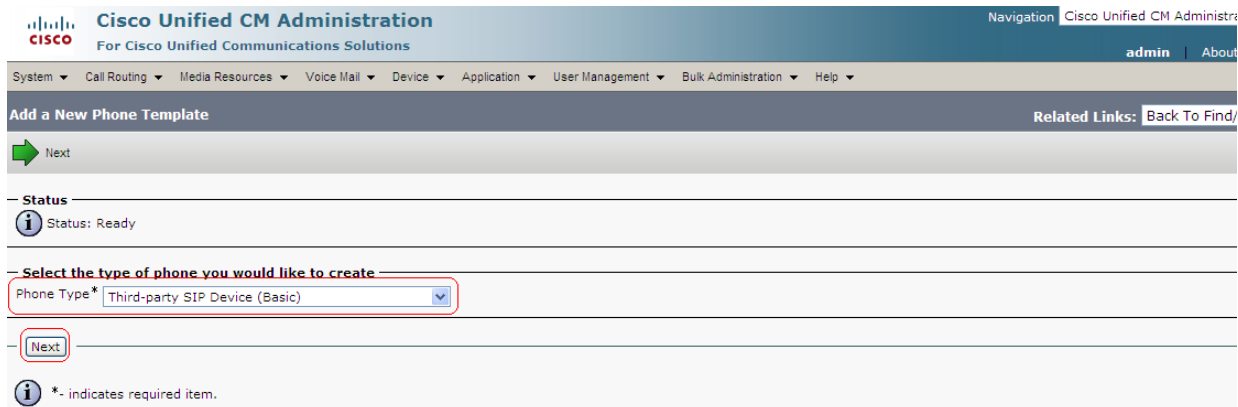
Find Phone where Device Name ▾ begins with ▾

Select item or enter search text ▾

No active query. Please enter your search criteria using the options above.

Click on Add New to add a new phone template. A new window appears as below. Make sure to select Phone type to be Third-Party SIP Device (Basic) and then click on Next.

Using Polycom® KIRK® Wireless Server 600v3 with CUCM



Cisco Unified CM Administration
For Cisco Unified Communications Solutions

Navigation Cisco Unified CM Administration admin About

System Call Routing Media Resources Voice Mail Device Application User Management Bulk Administration Help

Add a New Phone Template Related Links: Back To Find/

Next

Status
Status: Ready

Select the type of phone you would like to create
Phone Type* Third-party SIP Device (Basic)

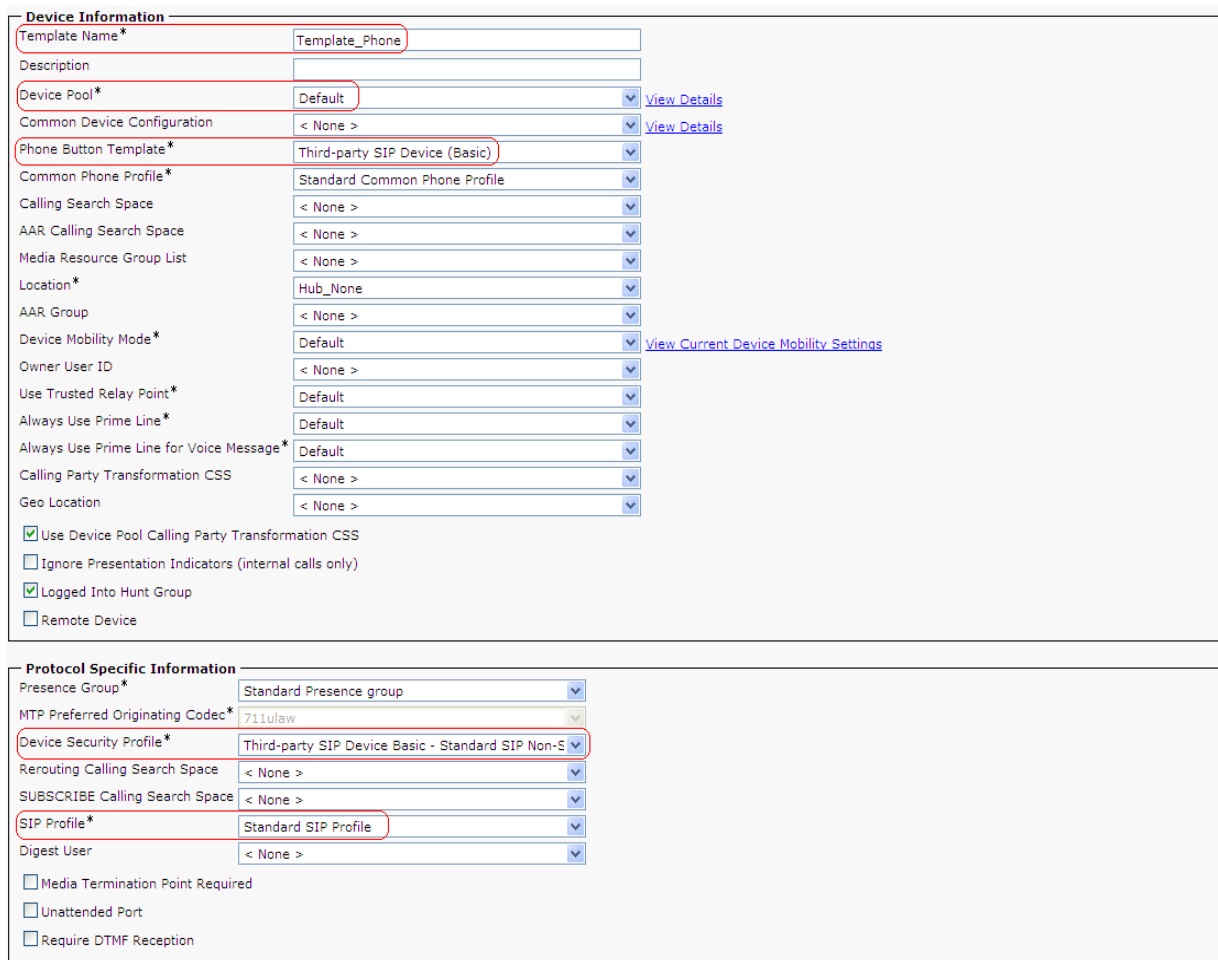
Next

*- indicates required item.

A new page is displayed as below. Make sure to fill the following fields as below:

- **Template Name:** a name of your choice. Ex: Template_Phone
- **Device Pool:** set to Default
- **Phone Button Template:** set to Third-party SIP Device (Basic)
- **Device Security Profile:** set to Third-party SIP Device Basic – Standard SIP Non-Secure
- **Sip Profile:** set to Standard SIP Profile

Click on Save after you finished storing the information.



Device Information

Template Name*	Template_Phone
Description	
Device Pool*	Default
Common Device Configuration	< None >
Phone Button Template*	Third-party SIP Device (Basic)
Common Phone Profile*	Standard Common Phone Profile
Calling Search Space	< None >
AAR Calling Search Space	< None >
Media Resource Group List	< None >
Location*	Hub_None
AAR Group	< None >
Device Mobility Mode*	Default
Owner User ID	< None >
Use Trusted Relay Point*	Default
Always Use Prime Line*	Default
Always Use Prime Line for Voice Message*	Default
Calling Party Transformation CSS	< None >
Geo Location	< None >

Use Device Pool Calling Party Transformation CSS
 Ignore Presentation Indicators (internal calls only)
 Logged Into Hunt Group
 Remote Device

Protocol Specific Information

Presence Group*	Standard Presence group
MTP Preferred Originating Codec*	711ulaw
Device Security Profile*	Third-party SIP Device Basic - Standard SIP Non-S
Rerouting Calling Search Space	< None >
SUBSCRIBE Calling Search Space	< None >
SIP Profile*	Standard SIP Profile
Digest User	< None >

Media Termination Point Required
 Unattended Port
 Require DTMF Reception

Using Polycom® KIRK® Wireless Server 600v3 with CUCM

Click on Add a new DN button:

Association Information

Modify Button Items

1 Line [1] - Add a new DN

Phone Type

Product Type: **Third-party SIP Device (Basic)**

Device Protocol: **SIP**

Device Information

Is Active

Template Name*

Description

Device Pool* [View Details](#)

Common Device Configuration [View Details](#)

Phone Button Template*

Common Phone Profile*

Calling Search Space

AAR Calling Search Space

Media Resource Group List

Location*

AAR Group

Device Mobility Mode* [View Current Device Mobility Settings](#)

Owner User ID

Use Trusted Relay Point*

Always Use Prime Line*

Always Use Prime Line for Voice Message*

Calling Party Transformation CSS

Geo Location

Use Device Pool Calling Party Transformation CSS

Ignore Presentation Indicators (internal calls only)

Logged Into Hunt Group

Remote Device

Protocol Specific Information

Presence Group*

MTP Preferred Originating Codec*

Device Security Profile*

Rerouting Calling Search Space


SUBSCRIBE Calling Search Space

SIP Profile*

Digest User

Media Termination Point Required

A page similar to the one below appears. Fill the Line Template Name with a name of your choice and make sure Active check box is enabled. Press Save to store the information.




Cisco Unified CM Administration
For Cisco Unified Communications Solutions

Navigation Cisco Unified


System ▾ Call Routing ▾ Media Resources ▾ Voice Mail ▾ Device ▾ Application ▾ User Management ▾ Bulk Administration ▾ Help ▾

Related Links: [Configure Device \(T](#)

Line Template Configuration

 Save

Status

 Status: Ready

Directory Number Information

Line Template Name* Template_Line1

Route Partition

Description

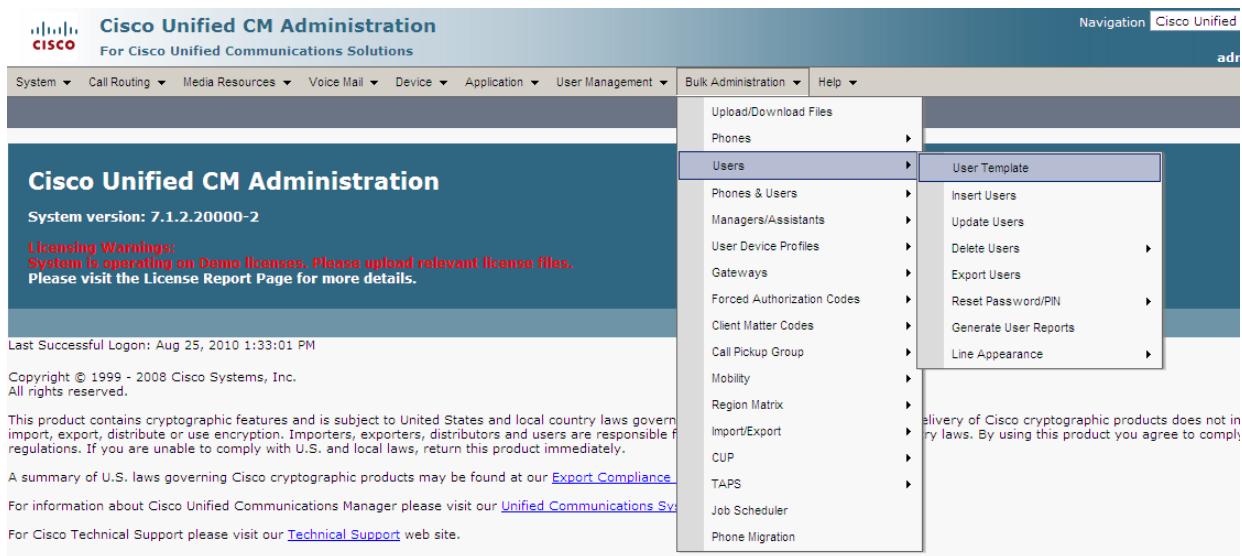
Alerting Name

ASCII Alerting Name

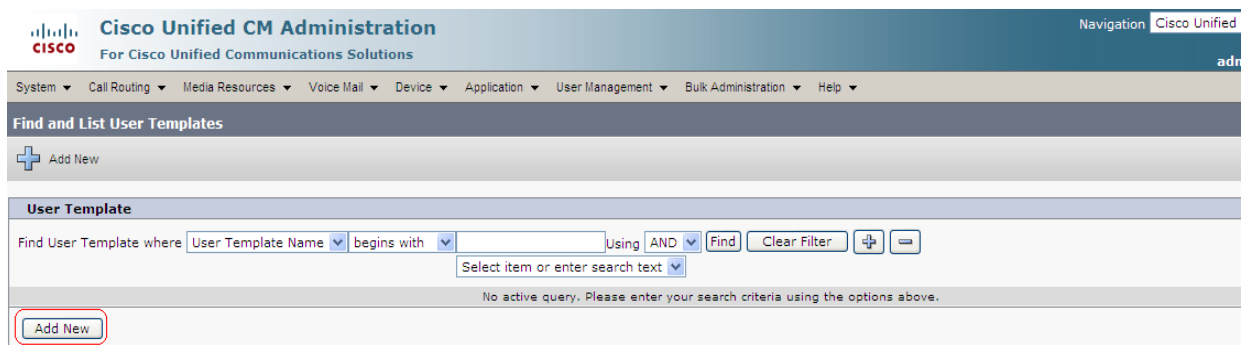
Active

Using Polycom® KIRK® Wireless Server 600v3 with CUCM

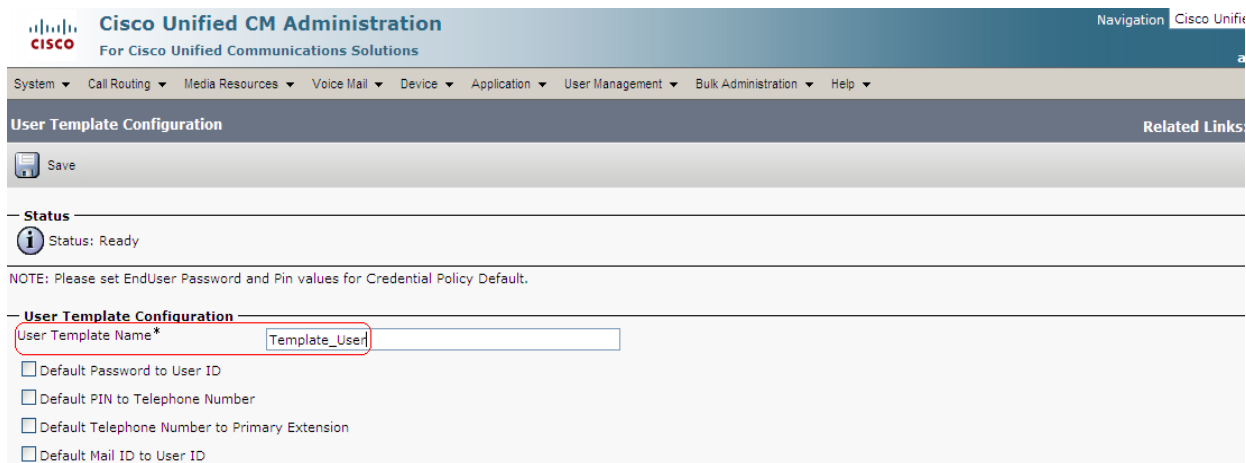
To create a Users Template, go to *Bulk Administration -> Users -> Users Template*:



A page similar to the one below appears:

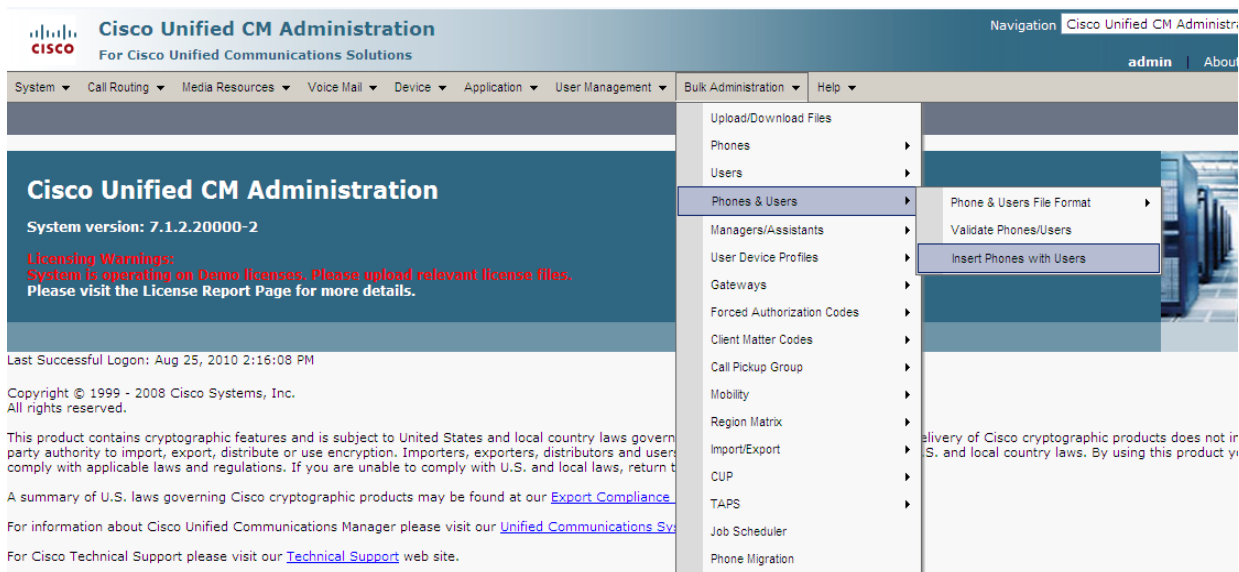


Click on Add New to add a new User Template. A page similar to the one below appears. Make sure to give a name in the User Template Name field and press Save to store the information.

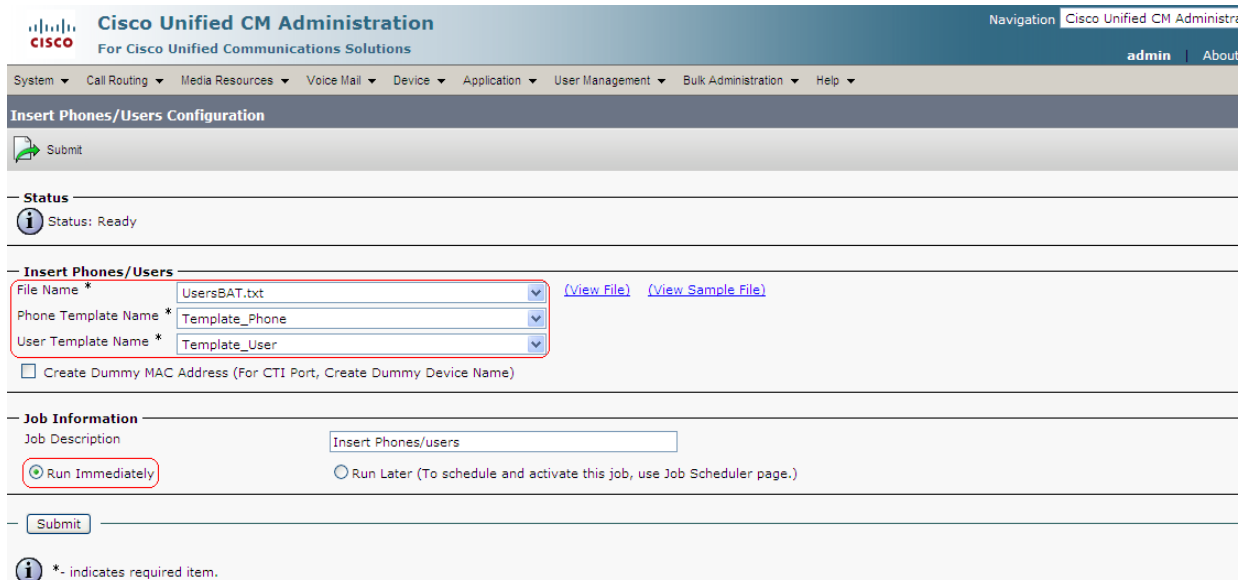


Next the Users and Phones are created from the Users Template, Phone Template by means of bat.xlt spread sheet. Go to *Bulk Administration -> Phones & Users -> Insert Phones with Users*, as shown in the picture below.

Using Polycom® KIRK® Wireless Server 600v3 with CUCM



A page similar to the one below should appear:

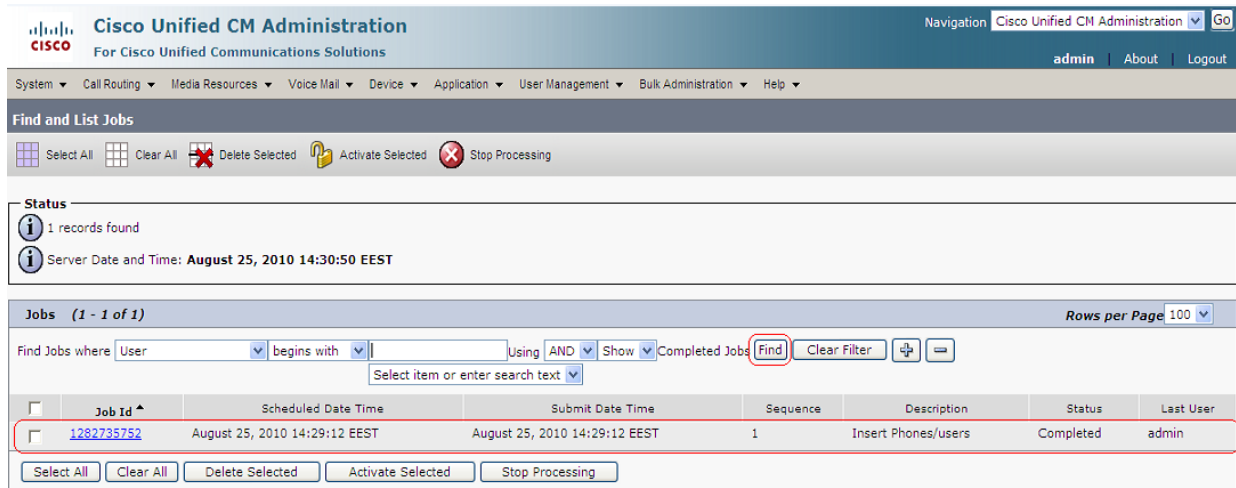


- **File Name:** the name of the file created with bat.xlt, which is a comma separated file containing all the users' information.
- **Phone Template Name:** the name of the phone template just created
- **User Template Name:** the name of the user template just created

Also make sure that the radio button **Run Immediately** is checked. Press Submit to complete the process.

To make sure that the process was completed successfully go to Bulk Administration -> Job Scheduler. A page similar to the one below should appear. Click on Find and the Insert Phones/users job should appear with the status Completed. This may take a while depending on the specific CUCM.

Using Polycom® KIRK® Wireless Server 600v3 with CUCM



The screenshot shows the Cisco Unified CM Administration interface. At the top, there is a navigation bar with the Cisco logo and the text "Cisco Unified CM Administration For Cisco Unified Communications Solutions". The user is logged in as "admin". Below the navigation bar, there is a menu with options like System, Call Routing, Media Resources, Voice Mail, Device, Application, User Management, Bulk Administration, and Help. The main content area is titled "Find and List Jobs" and includes several action buttons: Select All, Clear All, Delete Selected, Activate Selected, and Stop Processing. A status box indicates "1 records found" and "Server Date and Time: August 25, 2010 14:30:50 EEST". Below this, there is a search bar with the text "Find Jobs where User begins with" and a "Find" button. A table below the search bar shows a single job entry:

Job Id	Scheduled Date Time	Submit Date Time	Sequence	Description	Status	Last User
1282735752	August 25, 2010 14:29:12 EEST	August 25, 2010 14:29:12 EEST	1	Insert Phones/users	Completed	admin

At the bottom of the table, there are buttons for Select All, Clear All, Delete Selected, Activate Selected, and Stop Processing.

To configure the SIP and create users in the KWS 600v3 please see section 3 from [Creating a Basic SIP Configuration](#) chapter.

Additional Resources

KIRK Solutions General FAQ:

http://www.polycom.eu/products/voice/wireless_solutions/dect_communications/faq/general_faq.html

KIRK Handset FAQ:

http://www.polycom.eu/products/voice/wireless_solutions/dect_communications/faq/handset_faq.html

Trademark Information

POLYCOM[®], the Polycom “Triangles” logo and the names and marks associated with Polycom’s products are trademarks and/or service marks of Polycom, Inc. and are registered and/or common law marks in the United States and various other countries. All other trademarks are property of their respective owners. No portion hereof may be reproduced or transmitted in any form or by any means, for any purpose other than the recipient’s personal use, without the express written permission of Polycom.

© 2010, Polycom, Inc. All rights reserved