

Using Polycom® KIRK® Wireless Server
600v3 with Cisco Unified
Communication Manager
(SKINNY 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 SKINNY 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.

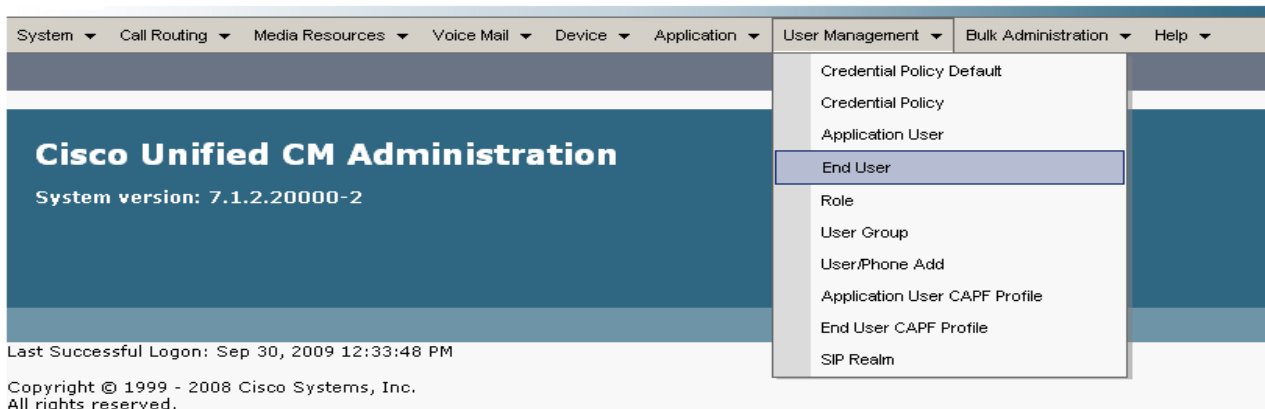
Creating a Basic SKINNY Configuration

To create a basic SKINNY configuration:

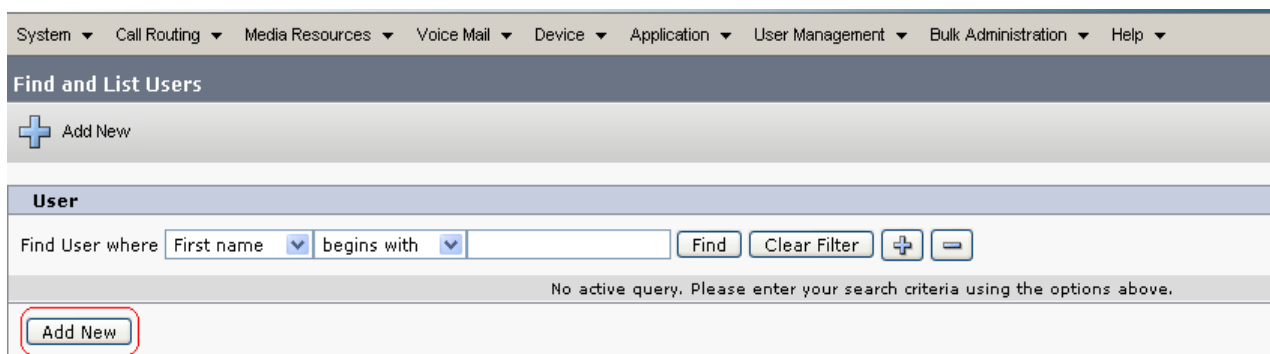
Note: Before you begin, it is necessary to obtain a CISCO SKINNY license from KIRK telecom.

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

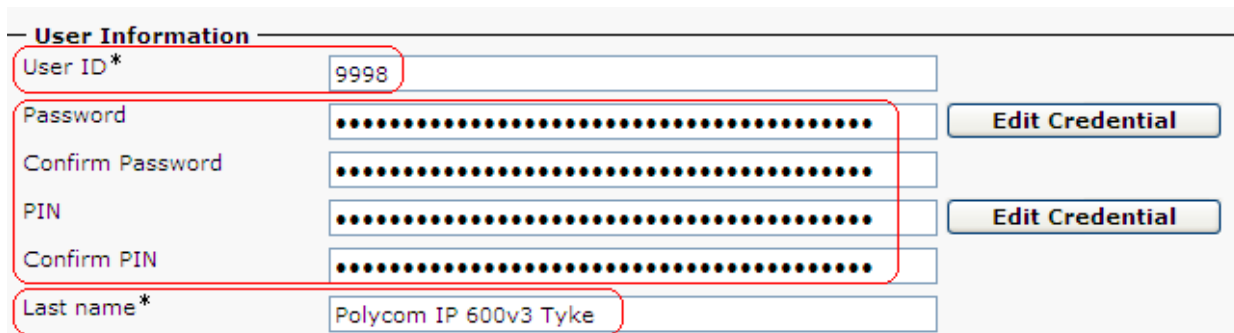
1. On the Cisco Unified CM Administration page click on User Management and select End User



A page similar to the one below will be displayed.



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



The screenshot shows the 'User Information' form. The 'User ID*' field contains '9998'. The 'Password' field contains '12345', and the 'Confirm Password' field also contains '12345'. The 'PIN' field contains '12345', and the 'Confirm PIN' field also contains '12345'. The 'Last name*' field contains 'Polycom IP 600v3 Tyke'. There are 'Edit Credential' buttons next to the Password and PIN fields. Red boxes highlight the User ID, Password, Confirm Password, PIN, Confirm PIN, and Last name fields.

The User ID reflects the SKINNY 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 CUCM internally. In above example password is 12345

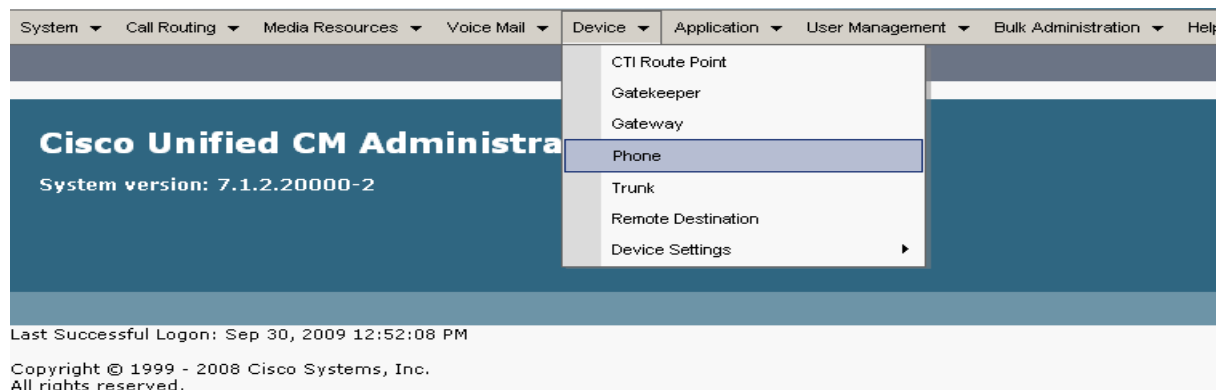
Using Polycom® KIRK® Wireless Server 600v3 with CUCM

- The same Value is used for the *PIN*.
The Pin is the Password used on the Polycom Kirk Handset.
- The *Last Name* entry is used to identify this User and it is mandatory

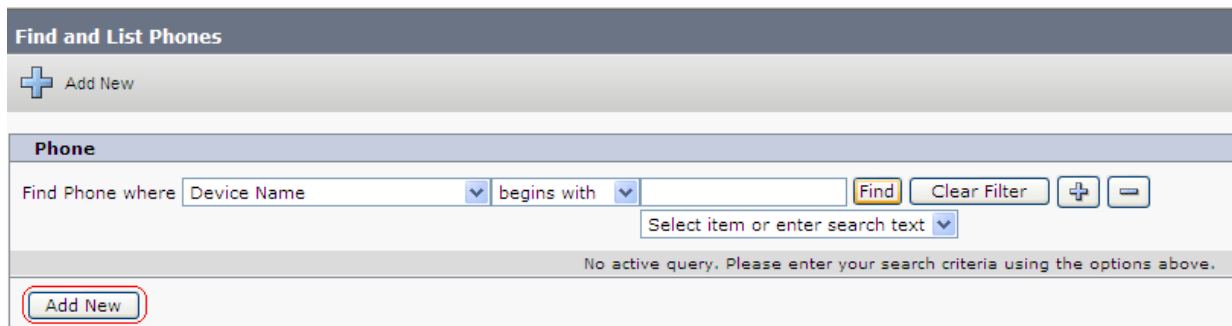
After making these settings, click on the Save Icon to store the information.

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

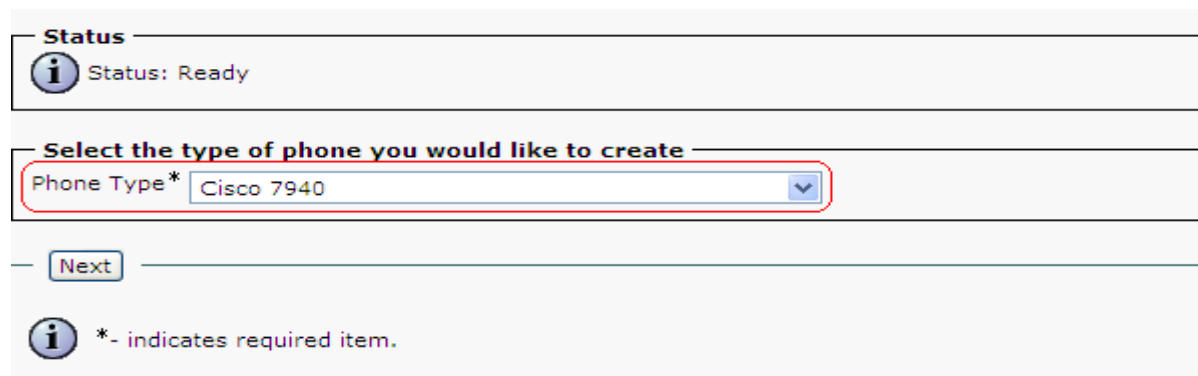
2. On the Cisco Unified CM click on Device and select Phone



A page similar to the one below will be displayed.




Click on Add New and select Cisco 7940 from the drop down list, then click Next to proceed.



Using Polycom® KIRK® Wireless Server 600v3 with CUCM


A new page similar to the one bellow appears.

Status

 Status: Ready

Select the type of phone you would like to create

Product Type: Cisco 7940

Select the device protocol: SCCP 

Next

Make sure that **SCCP** is selected as device protocol, 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 SKINNY DDI that has been assigned to the User. Also make sure that *Is Active* button is checked.

Phone Type

Product Type: Cisco 7940
Device Protocol: SCCP

Device Information

Is Active

MAC Address*	<input style="border: 1px solid red;" type="text" value="000770544145"/>	
Description	<input type="text" value="SEP000770544145"/>	
Device Pool*	Default 	View Details
Common Device Configuration	< None > 	View Details
Phone Button Template*	Standard 7940 SCCP 	
Softkey Template	< None > 	
Common Phone Profile*	Standard Common Phone Profile 	
Calling Search Space	< None > 	
AAR Calling Search Space	< None > 	
Media Resource Group List	< None > 	
User Hold MOH Audio Source	< None > 	
Network Hold MOH Audio Source	< None > 	
Location*	Hub_None 	
AAR Group	< None > 	
User Locale	< None > 	
Network Locale	< None > 	
Built In Bridge*	Default 	
Privacy*	Default 	
Device Mobility Mode*	Default 	View Current Device Mobility Settings
Owner User ID	9998 	
Phone Load Name	<input type="text"/>	
Join Across Lines	Default 	
Use Trusted Relay Point*	Default 	
BLF Audible Alert Setting (Phone Idle)*	Default 	
BLF Audible Alert Setting (Phone Busy)*	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

Using Polycom® KIRK® Wireless Server 600v3 with CUCM

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

Protocol Specific Information

Packet Capture Mode*

Packet Capture Duration

Presence Group*

Device Security Profile*

SUBSCRIBE Calling Search Space

Unattended Port

Require DTMF Reception

RFC2833 Disabled

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

Association Information

1 [Line \[1\] - Add a new DN](#)

2 [Add a new SD](#)

----- Unassigned Associated Items -----

3 [Add a new SD](#)

4 [Add a new SURL](#)

5 [Add a new BLF SD](#)

6 [Add a new BLF Directed Call Park](#)

7 Privacy

8 None

In the **Directory Number Information** area write the desired SKINNY DDI and the *Alerting Name*

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 Device rings another Device. Once connected the Display (Internal Caller ID) is shown.

Using Polycom® KIRK® Wireless Server 600v3 with CUCM

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 KWS 600v3 Handset.

Line 1 on Device SEP000770544145

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)

Line Text Label

ASCII Line Text Label

- 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.

3. Once the Cisco Unified CM configuration is completed, configuration of KWS 600v3 is also needed. 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

ETH0 TOS Priority - Signalling

ETH1 First UDP-RTP Port Number of Ports First/Last 16384 / 32766

LDAP First UDP-NAT Port Number of Ports

DECT

Administration

DECT

Download

Upload

Diagnostics

Reset

Local Networks

Address Mask

Private Networks

Address Mask

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 Radio

General

IP

ETH0

ETH1

LDAP

DECT

Administration

DECT

Download

Upload

Diagnostics

Reset

Mode

Protocol

GK

Alt-GK

GK-Id

Disable broadcast delay

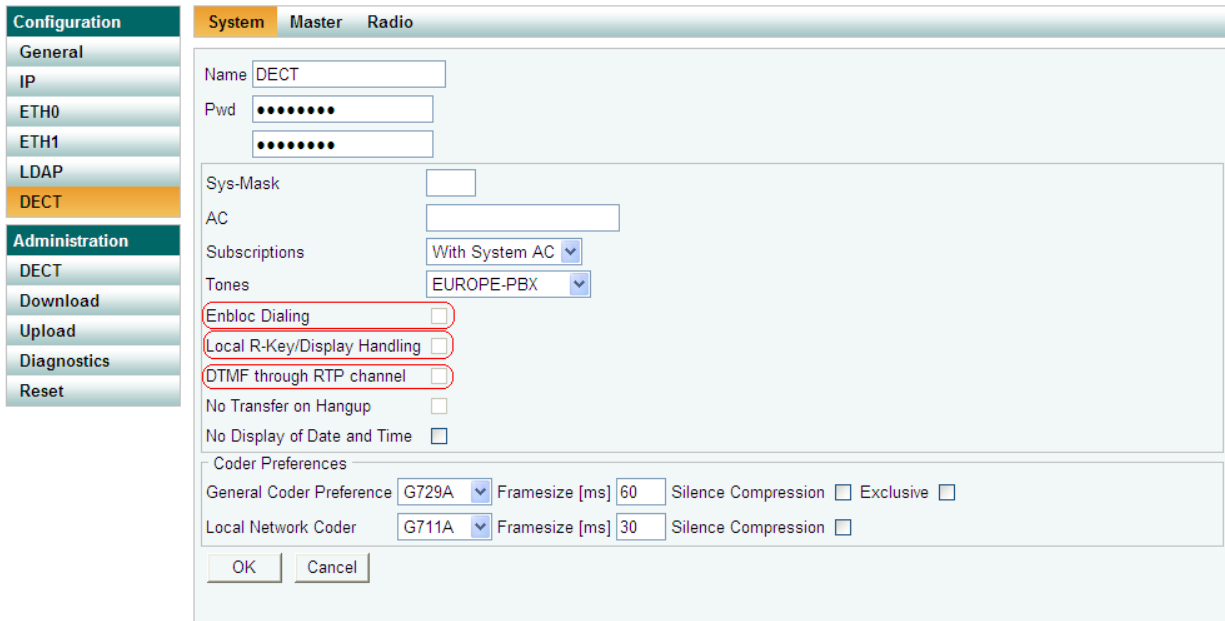
OK Cancel

Using Polycom® KIRK® Wireless Server 600v3 with CUCM

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

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

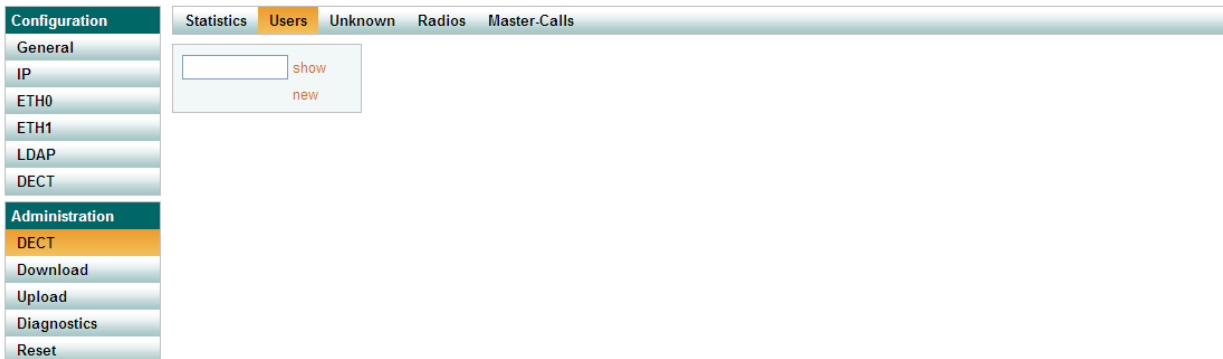
KIRK Wireless Server 600v3



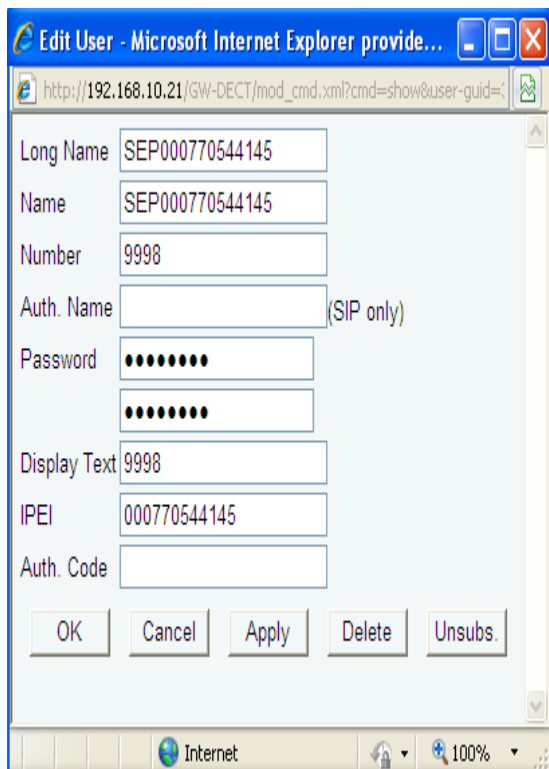
- The **Enbloc Dialing** check box is not to be selected.
- The **Local R-Key/Display Handling** check box is not to be selected.
- The **DTMF through RTP channel** check box is not to be selected.
- Click **OK** to save your configuration

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

KIRK Wireless Server 600v3

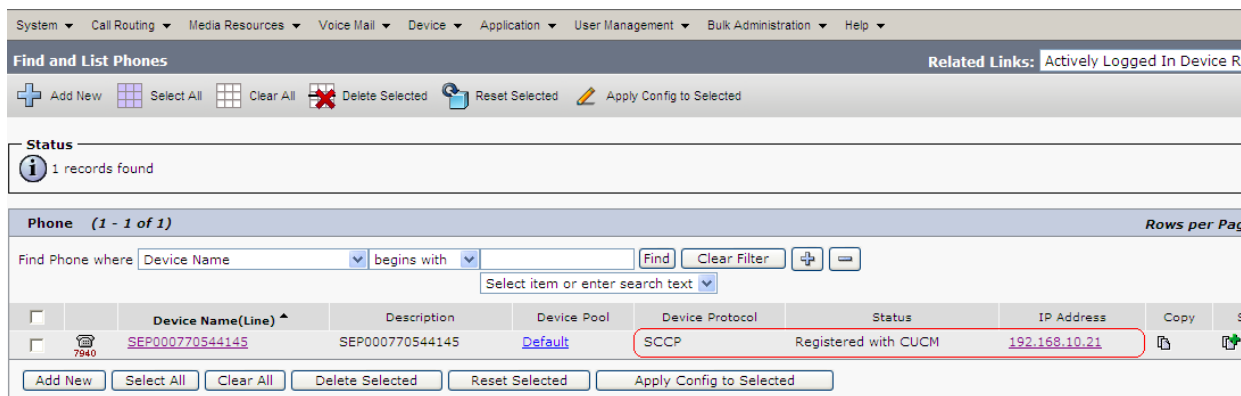


Using Polycom® KIRK® Wireless Server 600v3 with CUCM



Long Name = type SEP followed by the IPEI number of the handset.
Name = same as Long Name.
Number = local number used in CUCM
Auth. Name = not used (SIP and H323 only).
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 CUCM call handler)
IPEI = The 12 digit serial Number of the Kirk Handset

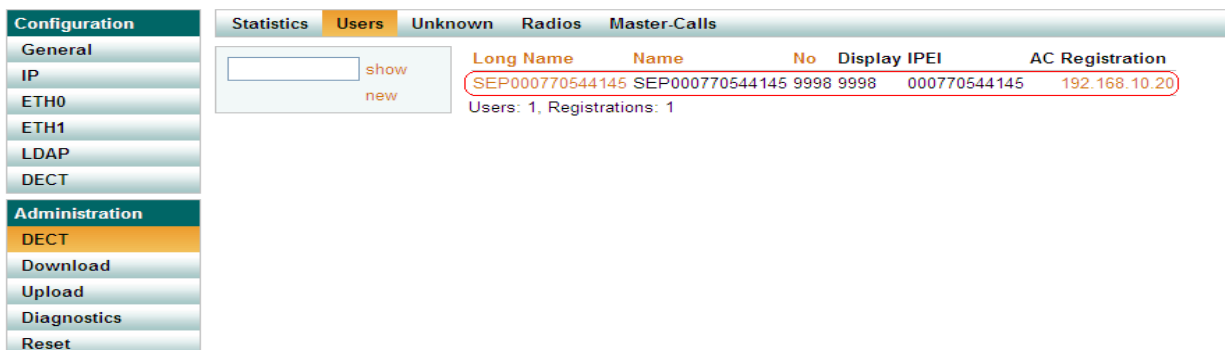
A successful registration may be verified on CUCM; it is shown in the CUCM *Device* → *Phone* selection.



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

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

KIRK Wireless Server 600v3

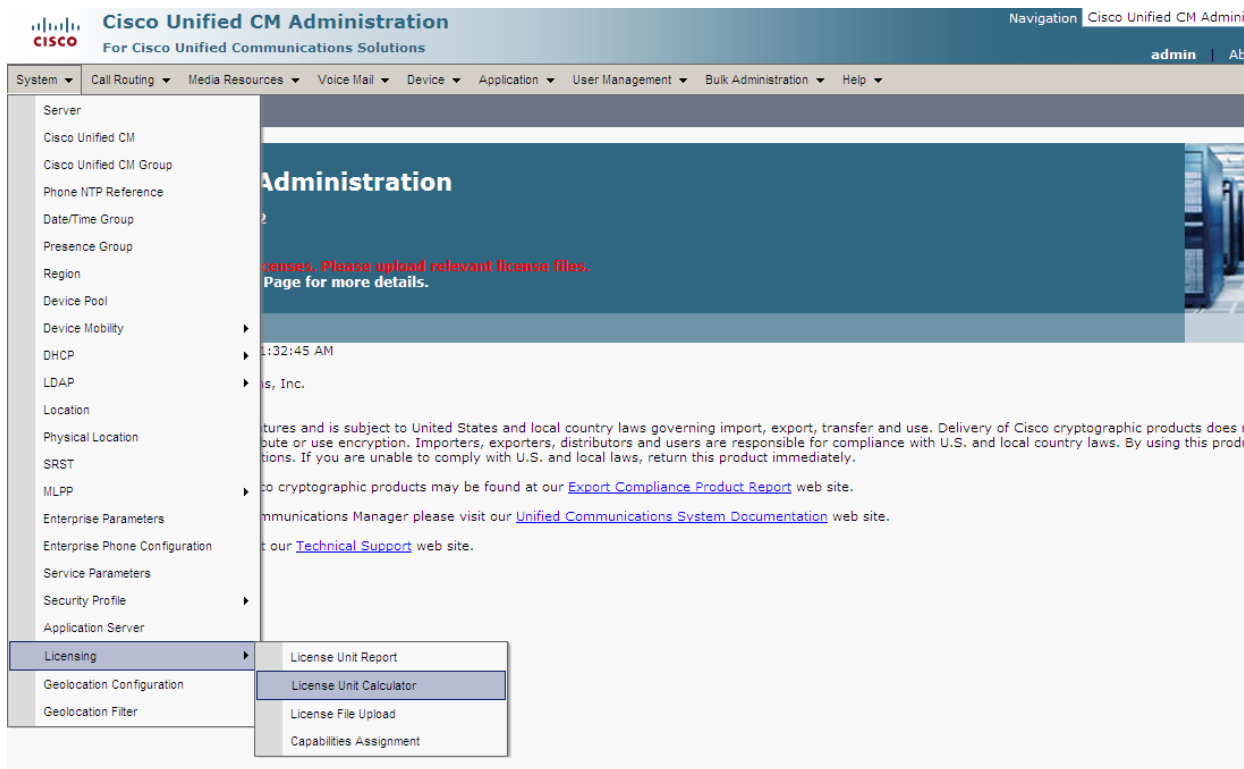


Long Name	Name	No	Display	IPEI	AC Registration
SEP000770544145	SEP000770544145	9998	9998	000770544145	192.168.10.20

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 Cisco 7940 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 7935	3	0	0	0	<input type="text" value="0"/>
Cisco 7936	3	0	0	0	<input type="text" value="0"/>
Cisco 7937	3	0	0	0	<input type="text" value="0"/>
Cisco 7940	4	1	4	0	<input type="text" value="123"/>
Cisco 7941	4	0	0	0	<input type="text" value="0"/>
Cisco 7941G-GE	4	0	0	0	<input type="text" value="0"/>
Cisco 7942	4	0	0	0	<input type="text" value="0"/>
Cisco 7945	4	0	0	0	<input type="text" value="0"/>
Cisco 7960	4	0	0	0	<input type="text" value="0"/>
Cisco 7961	4	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	0	0	0	<input type="text" value="0"/>
Transnova S3	4	0	0	0	<input type="text" value="0"/>
Total Phone License Units Used:				4	Total Phone License Units Needed: <input type="text" value="492"/>

 *. 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.

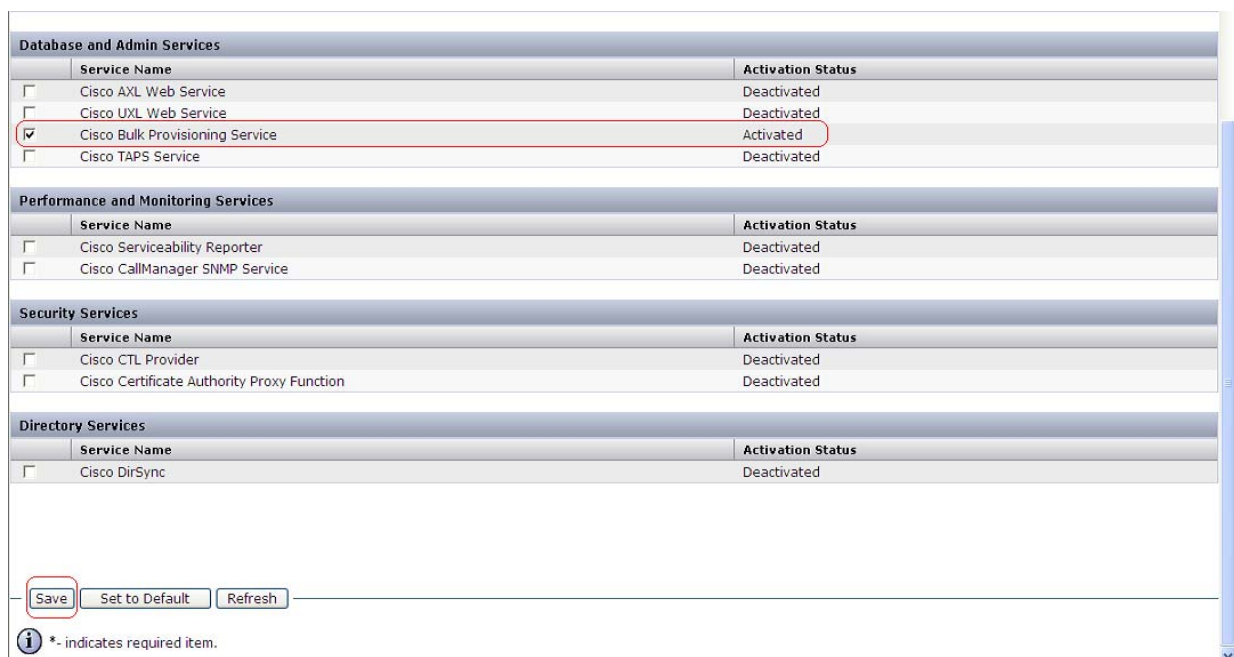
Log-on to Cisco Unified Serviceability from the Navigation Tab, as shown in the screen dump below:



Go to *Tools -> Service Activation*:

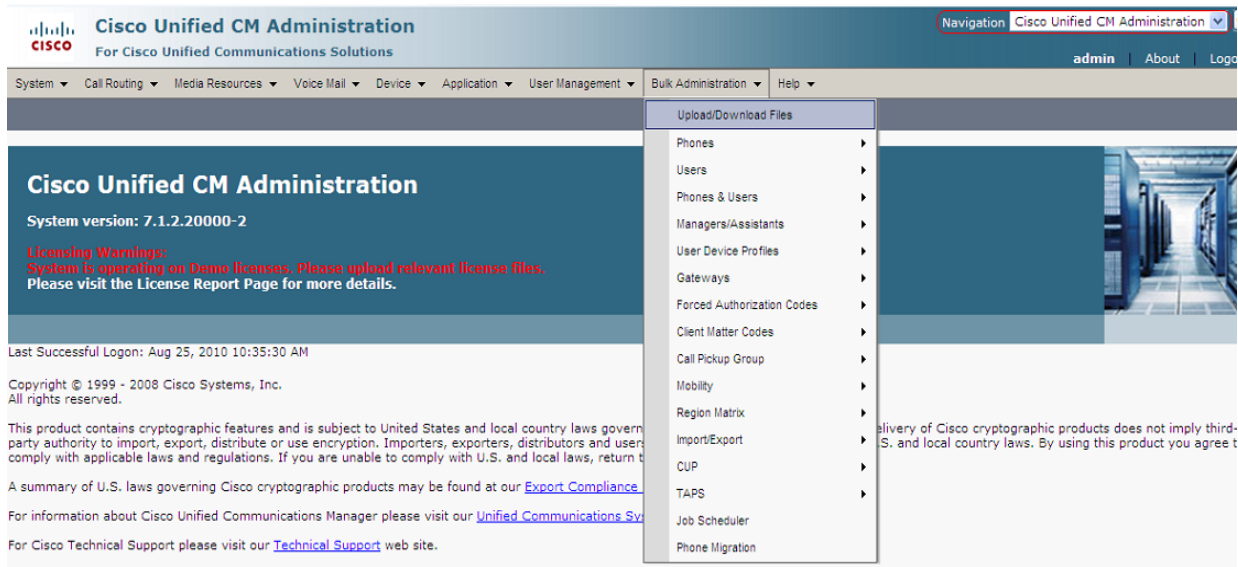


A new page similar to the one below is displayed. Go to *Cisco Bulk Provisioning Service* (found in Database and Admin Services category) and activate it (by checking the box) then click on *Save* to store the information. Activation status should change to Activated.

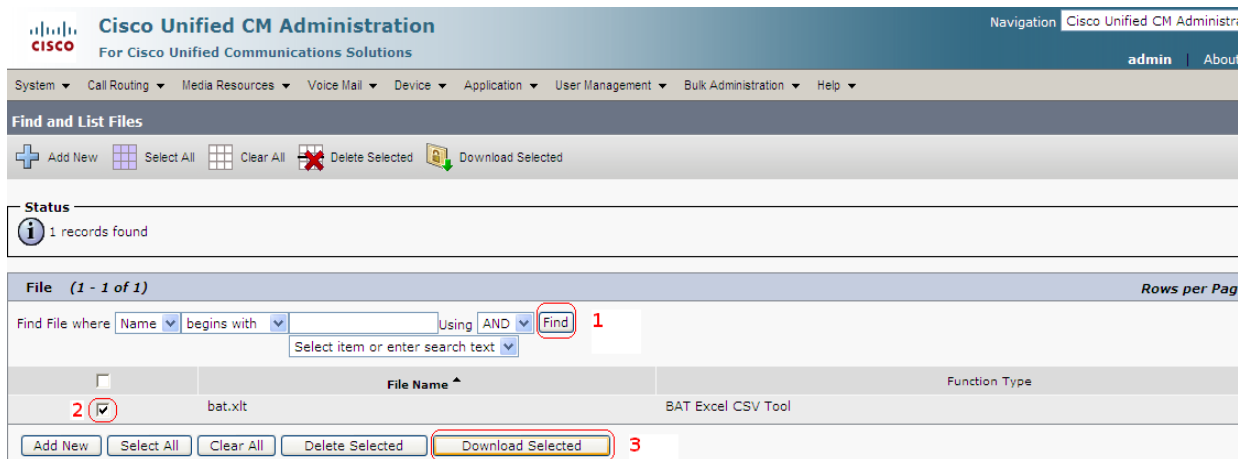


Using Polycom® KIRK® Wireless Server 600v3 with CUCM

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

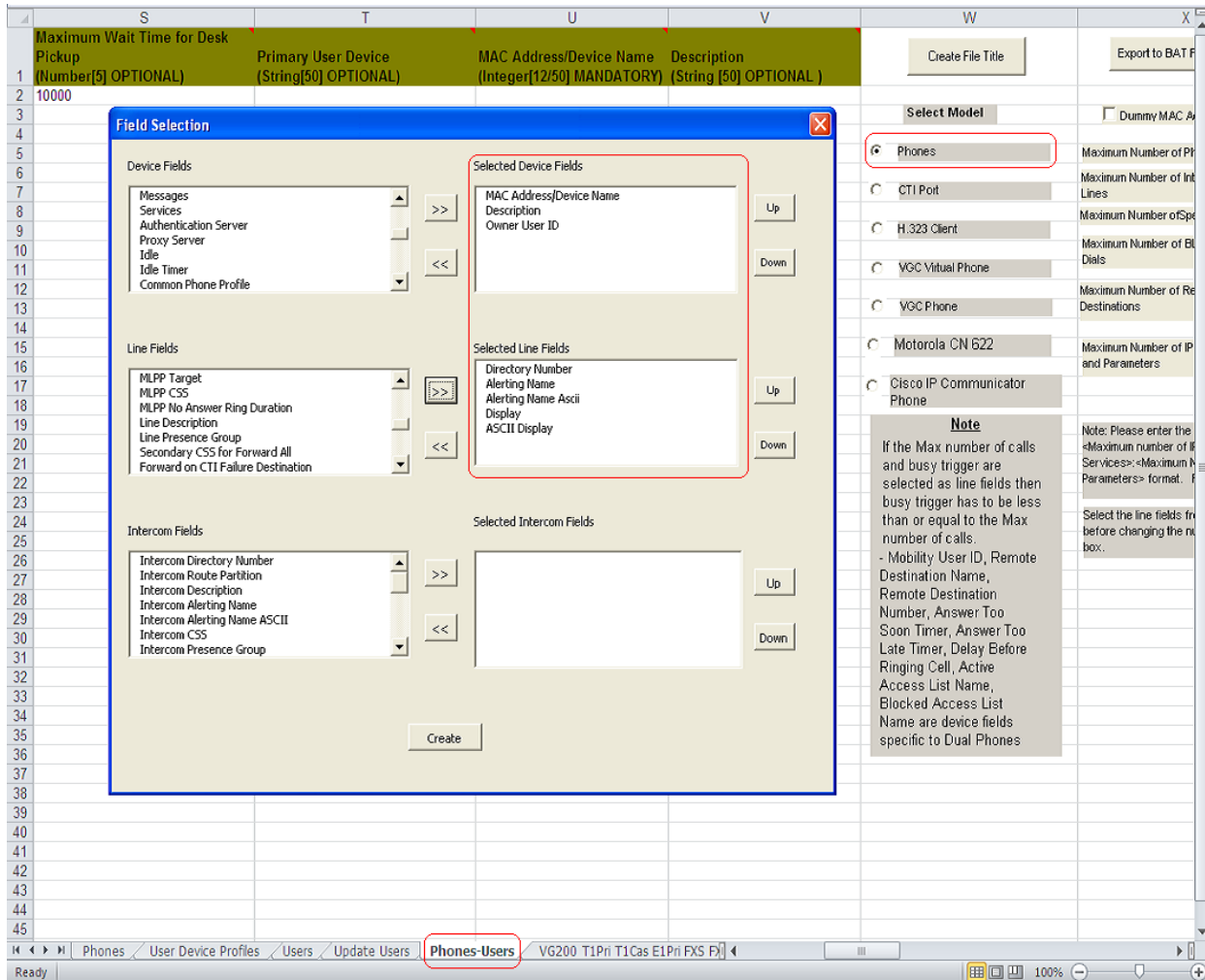


A new page as the one below is displayed. Click on *Find* and search for bat.xlt in the list. Check left side the box and click on Download Selected. Save the file on your hard drive.



- 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 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

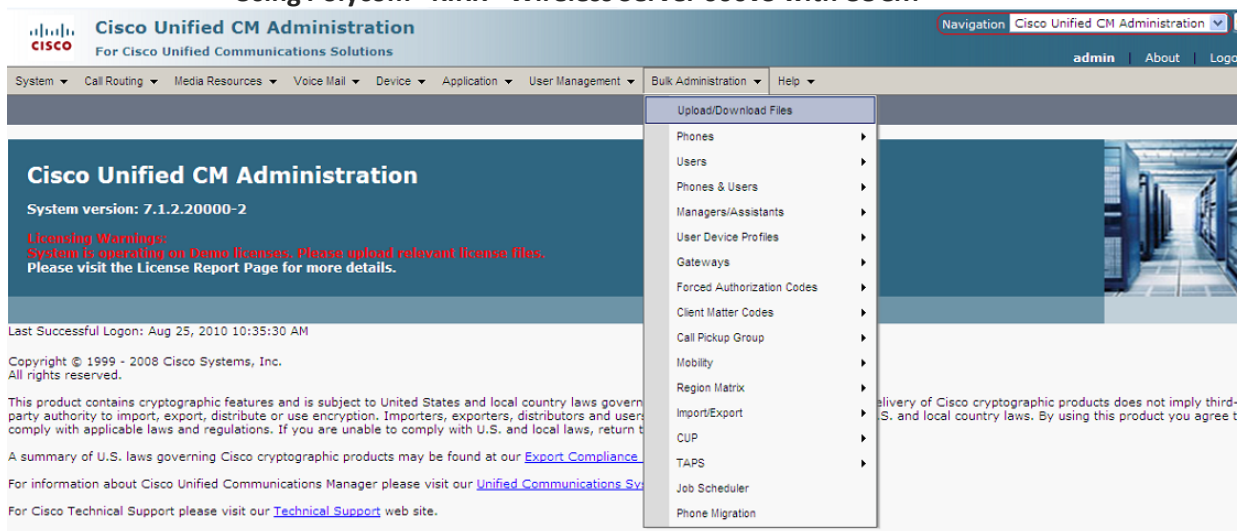


Now you have to fill the following fields which contain minimal information about users:

- **Last Name:** used to identify the user. Ex: Polycom IP 600v3 Slough
- **User ID:** reflects the SKINNY 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
- **Directory Number 1:** phone number (SKINNY DDI). Ex: 9998
- **Alerting Name 1:** is displayed whilst a 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.

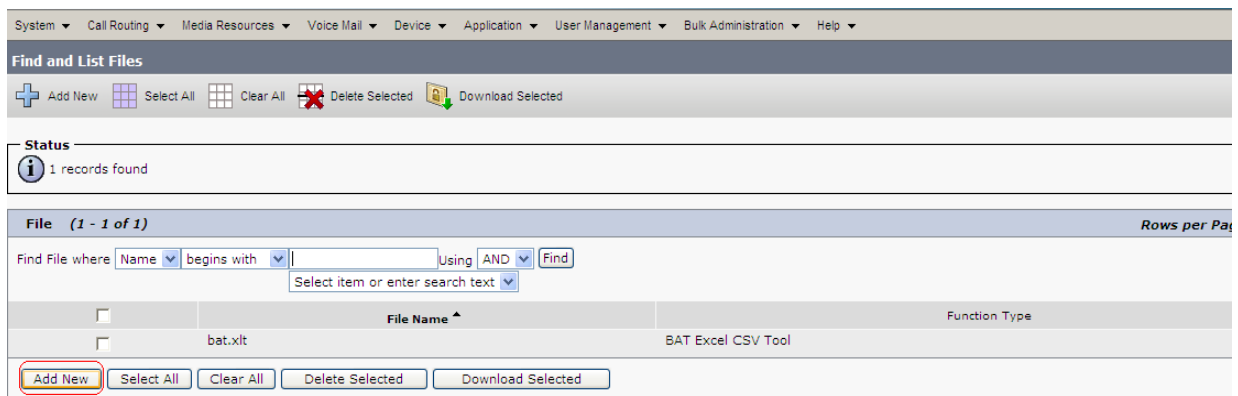
You can enter as many users as needed, each one on its separate row. After the spread sheet is filled with all the above info about the users, the file must be saved and then uploaded on the Cisco Unified CM. Click on *Export to BAT Format* and save the file on your local hard drive. Next go to Cisco 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 'Bulk Administration' section, which includes a sub-menu for 'Upload/Download Files'. The main content area displays system information, including the version (7.1.2.20000-2) and a licensing warning. The user is logged in as 'admin'.

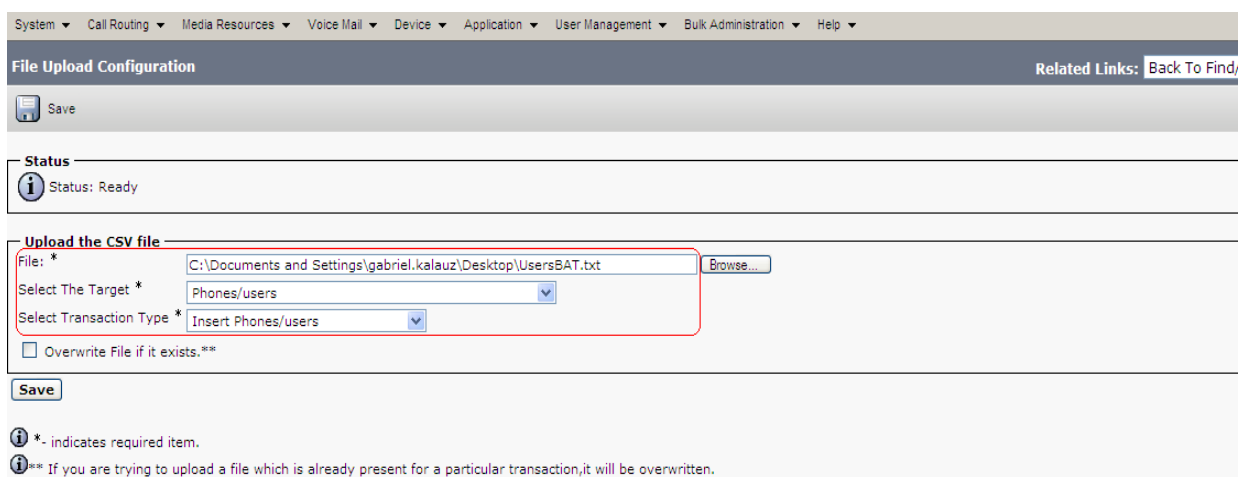
A new page similar to the one below should appear. From here you can upload the file created with bat.xlt spread sheet.



The screenshot shows the 'Find and List Files' page. It features a search bar with filters for 'Name' and 'begins with'. Below the search bar is a table listing files. The file 'bat.xlt' is listed with the function type 'BAT Excel CSV Tool'. The 'Add New' button is highlighted with a red box.

	File Name	Function Type
<input type="checkbox"/>	bat.xlt	BAT Excel CSV Tool

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 indicator showing '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, and dropdown menus for 'Select The Target' (set to 'Phones/users') and 'Select Transaction Type' (set to 'Insert Phones/users'). The 'Overwrite File if it exists.**' checkbox is unchecked. A 'Save' button is at the bottom.

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

Status

i 2 records found

File (1 - 2 of 2) Rows per Page

Find File where begins with Using

<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 Matter 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](#)

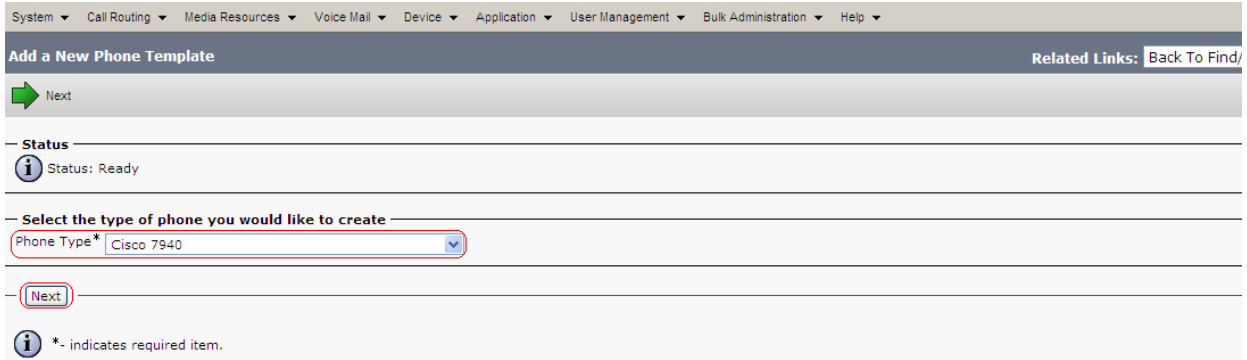
Phone

Find Phone where begins with

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 Cisco 7940 and then click on Next.


Using Polycom® KIRK® Wireless Server 600v3 with CUCM



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

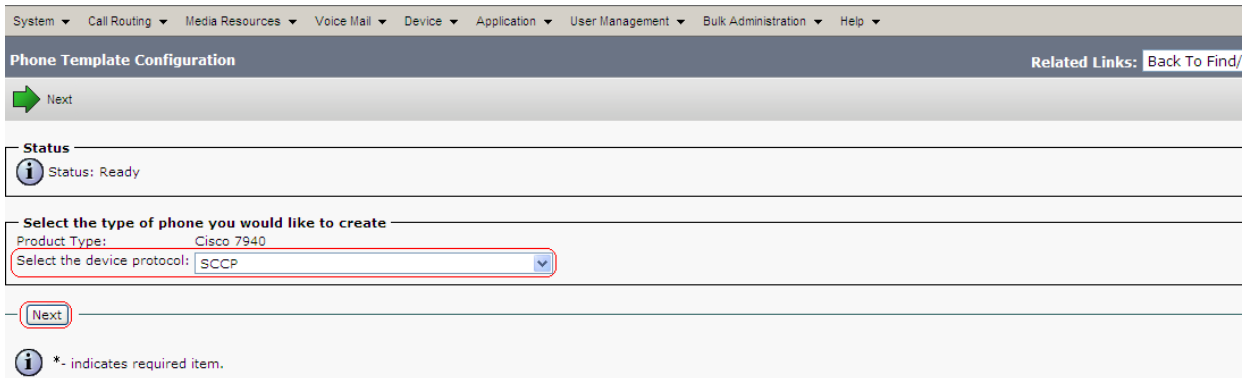
Select the type of phone you would like to create

Phone Type*

 Next


 *- indicates required item.


From the new page select SCCP as device protocol and click on Next:



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

Phone Template Configuration Related Links: [Back To Find/](#)


 Next


Status
 Status: Ready

Select the type of phone you would like to create

Product Type:

Select the device protocol:

 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 Standard 7940 SCCP
- **Device Security Profile:** set to Cisco 7940 – Standard SCCP Non-Secure Profile

Click on Save after you finished storing the information.

Using Polycom® KIRK® Wireless Server 600v3 with CUCM

Device Information	
Template Name*	<input type="text" value="Template_phone"/>
Description	<input type="text"/>
Device Pool*	<input type="text" value="Default"/> View Details
Common Device Configuration	<input type="text" value="< None >"/> View Details
Phone Button Template*	<input type="text" value="Standard 7940 SCCP"/>
Softkey Template	<input type="text" value="< None >"/>
Common Phone Profile*	<input type="text" value="Standard Common Phone Profile"/>
Calling Search Space	<input type="text" value="< None >"/>
AAR Calling Search Space	<input type="text" value="< None >"/>
Media Resource Group List	<input type="text" value="< None >"/>
User Hold MOH Audio Source	<input type="text" value="< None >"/>
Network Hold MOH Audio Source	<input type="text" value="< None >"/>
Location*	<input type="text" value="Hub_None"/>
AAR Group	<input type="text" value="< None >"/>
User Locale	<input type="text" value="< None >"/>
Network Locale	<input type="text" value="< None >"/>
Built In Bridge*	<input type="text" value="Default"/>
Privacy*	<input type="text" value="Default"/>
Device Mobility Mode*	<input type="text" value="Default"/> View Current Device Mobility Settings
Owner User ID	<input type="text" value="< None >"/>
Phone Load Name	<input type="text"/>
Join Across Lines	<input type="text" value="Default"/>
Use Trusted Relay Point*	<input type="text" value="Default"/>
BLF Audible Alert Setting (Phone Idle)*	<input type="text" value="Default"/>
BLF Audible Alert Setting (Phone Busy)*	<input type="text" value="Default"/>
Always Use Prime Line*	<input type="text" value="Default"/>
Always Use Prime Line for Voice Message*	<input type="text" value="Default"/>
Calling Party Transformation CSS	<input type="text" value="< None >"/>
Geo Location	<input type="text" value="< None >"/>
<input checked="" type="checkbox"/> Use Device Pool Calling Party Transformation CSS <input checked="" type="checkbox"/> Retry Video Call as Audio <input type="checkbox"/> Ignore Presentation Indicators (internal calls only) <input checked="" type="checkbox"/> Allow Control of Device from CTI <input checked="" type="checkbox"/> Logged Into Hunt Group <input type="checkbox"/> Remote Device	
Protocol Specific Information	
Packet Capture Mode*	<input type="text" value="None"/>
Packet Capture Duration	<input type="text" value="0"/>
Presence Group*	<input type="text" value="Standard Presence group"/>
Device Security Profile*	<input type="text" value="Cisco 7940 - Standard SCCP Non-Secure Profile"/>
SUBSCRIBE Calling Search Space	<input type="text" value="< None >"/>
<input type="checkbox"/> Unattended Port <input type="checkbox"/> Require DTMF Reception <input type="checkbox"/> RFC2833 Disabled	

Using Polycom® KIRK® Wireless Server 600v3 with CUCM

Click on Add a new DN button:

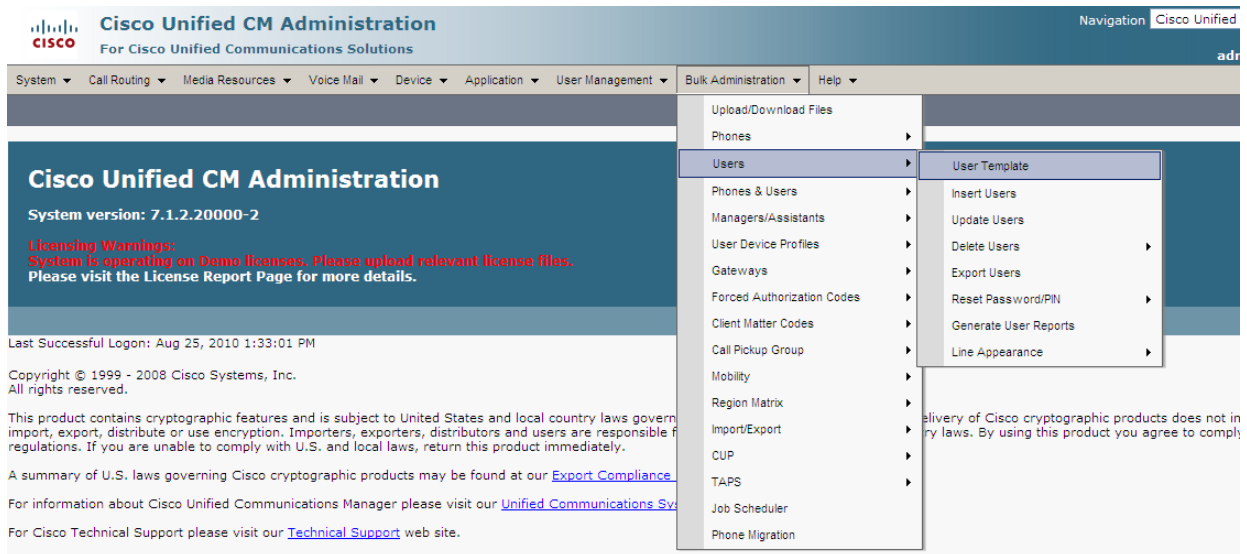
Association Information		Phone Type	
Modify Button Items		Product Type: Cisco 7940	
		Device Protocol: SCCP	
Device Information			
1	Line [1] - Add a new DN	<input checked="" type="checkbox"/> Is Active	
2	Add a new SD	Template Name*	Template_phone
----- Unassigned Associated Items -----			
3	Add a new SD	Description	
4	Add a new SURL	Device Pool*	Default View Details
5	Add a new BLF SD	Common Device Configuration	< None > View Details
6	Add a new BLF Directed Call Park	Phone Button Template*	Standard 7940 SCCP
7	Privacy	Softkey Template	< None >
8	None	Common Phone Profile*	Standard Common Phone Profile
		Calling Search Space	< None >
		AAR Calling Search Space	< None >
		Media Resource Group List	< None >
		User Hold MOH Audio Source	< None >
		Network Hold MOH Audio Source	< None >
		Location*	Hub_None
		AAR Group	< None >
		User Locale	< None >
		Network Locale	< None >
		Built In Bridge*	Default
		Privacy*	Default
		Device Mobility Mode*	Default View Current Device Mobility
		Owner User ID	< None >
		Phone Load Name	

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.

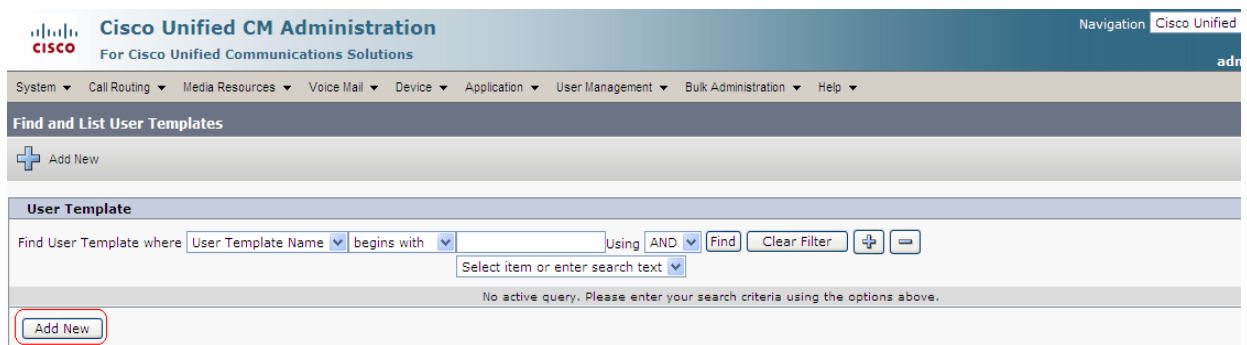
Cisco Unified CM Administration		Navigation
For Cisco Unified Communications Solutions		Cisco Unified
System ▾ Call Routing ▾ Media Resources ▾ Voice Mail ▾ Device ▾ Application ▾ User Management ▾ Bulk Administration ▾ Help ▾		
Line Template Configuration		Related Links: Configure Device (T
Save		
Status		
Status: Ready		
Directory Number Information		
Line Template Name*	Template_Line1	
Route Partition	< None >	
Description		
Alerting Name		
ASCII Alerting Name		
<input checked="" type="checkbox"/> Active		

Using Polycom® KIRK® Wireless Server 600v3 with CUCM

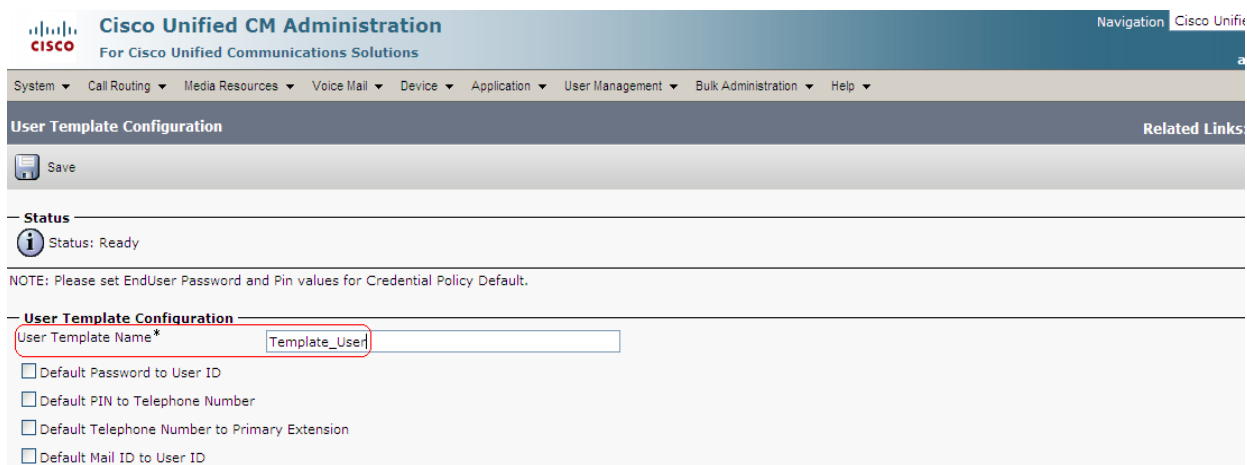
To create a Users Template, go to *Bulk Administration -> Users -> Users Template*:



A page similar to the one below appears:

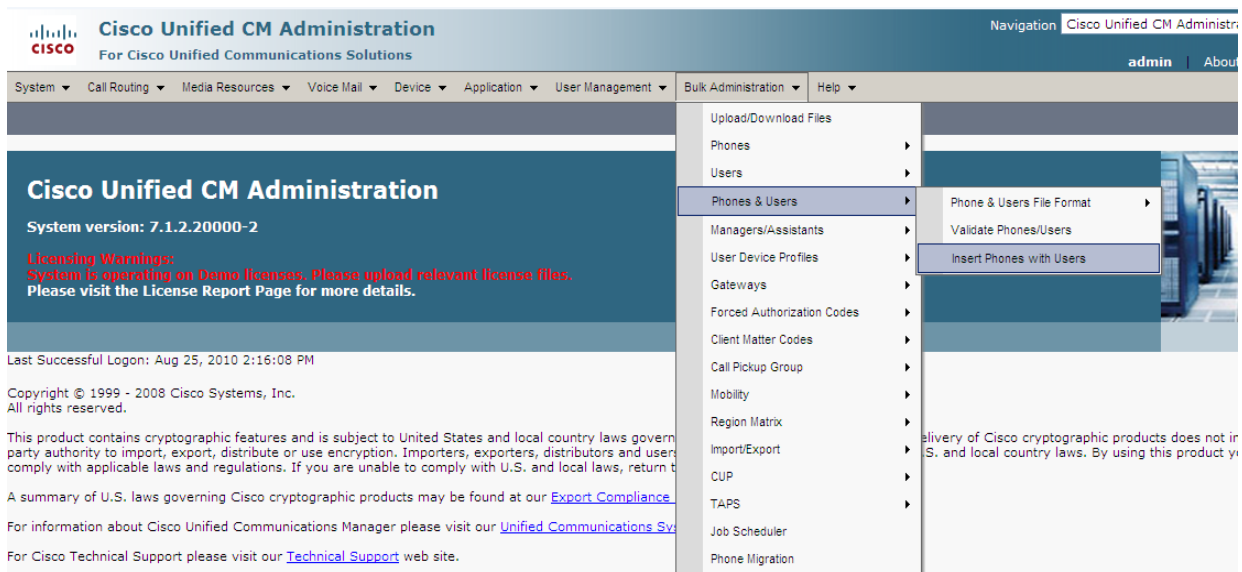


Click on Add New to add a new User Template. A page similar to the one below appears. Make sure to give a name in the User Template Name field and press Save to store the information.



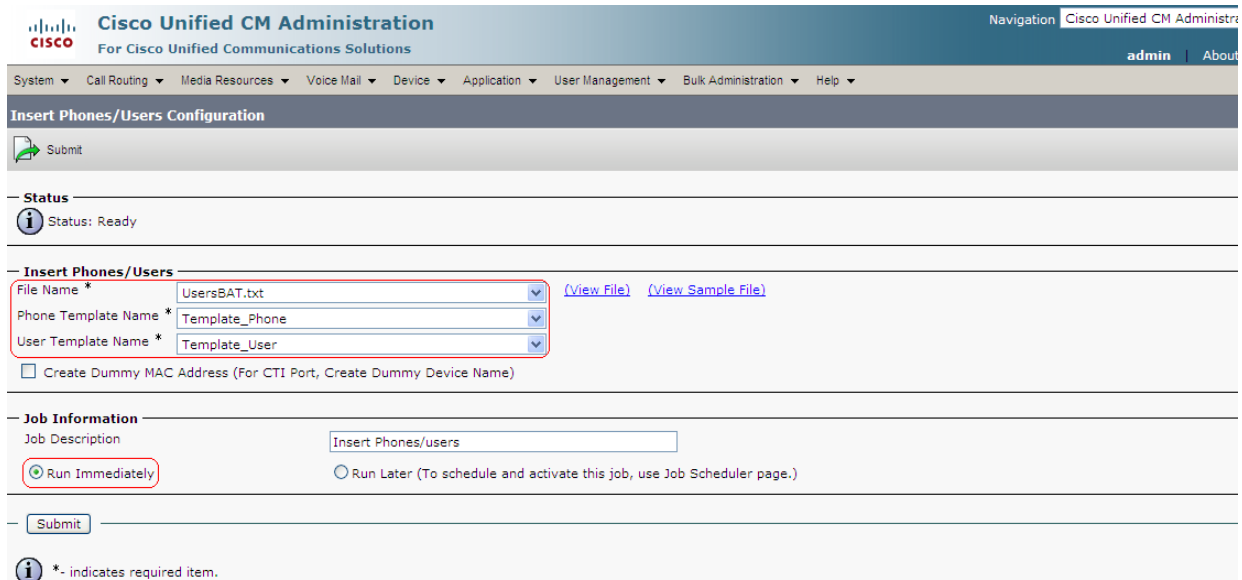
Next the Users and Phones are created from the Users Template, Phone Template by means of bat.xlt spread sheet. Go to *Bulk Administration -> Phones & Users -> Insert Phones with Users*, as shown in the picture below.

Using Polycom® KIRK® Wireless Server 600v3 with CUCM



The screenshot shows the Cisco Unified CM Administration web interface. The top navigation bar includes 'System', 'Call Routing', 'Media Resources', 'Voice Mail', 'Device', 'Application', 'User Management', 'Bulk Administration', and 'Help'. The 'Bulk Administration' menu is open, showing options like 'Upload/Download Files', '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'. The 'Phones & Users' sub-menu is expanded, highlighting 'Insert Phones with Users'. The main content area displays 'Cisco Unified CM Administration' with system version 7.1.2.20000-2 and a licensing warning.

A page similar to the one below should appear:



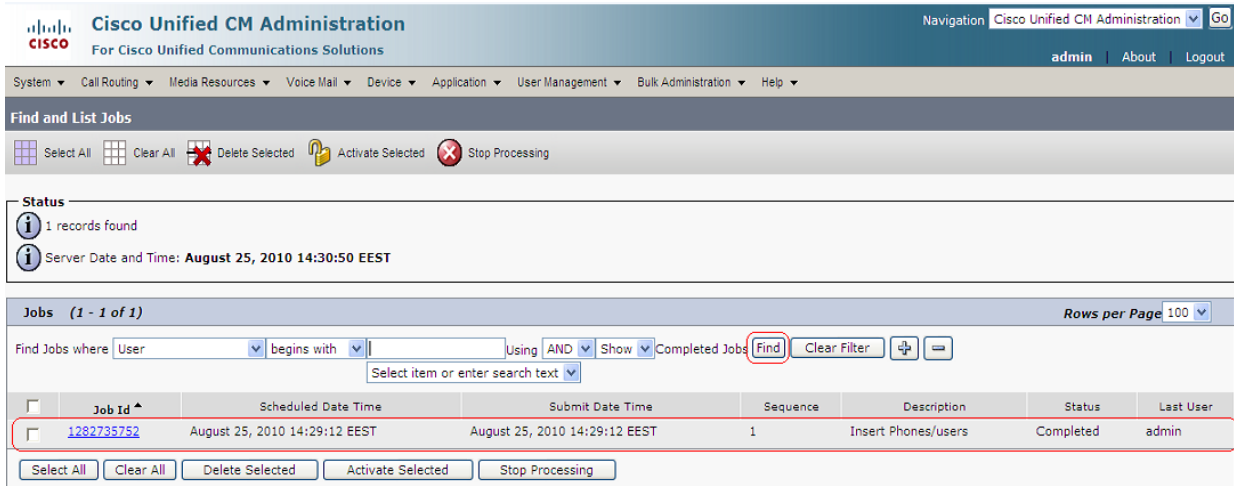
The screenshot shows the 'Insert Phones/Users Configuration' page. It includes a 'Submit' button, a 'Status' section showing 'Status: Ready', and an 'Insert Phones/Users' section with the following fields: 'File Name *' (UsersBAT.txt), 'Phone Template Name *' (Template_Phone), and 'User Template Name *' (Template_User). There are also links for '(View File)' and '(View Sample File)'. Below this is a 'Job Information' section with a 'Job Description' field containing 'Insert Phones/users' and two radio buttons: 'Run Immediately' (checked) and 'Run Later (To schedule and activate this job, use Job Scheduler page.)'. A 'Submit' button is at the bottom. A note at the bottom states '* - indicates required item.'

- **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 are several tabs: "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". It includes a toolbar with buttons for "Select All", "Clear All", "Delete Selected", "Activate Selected", and "Stop Processing". Below this, a "Status" section indicates "1 records found" and "Server Date and Time: August 25, 2010 14:30:50 EEST".

The "Jobs (1 - 1 of 1)" section shows a search filter for "User" and a "Find" button. Below the search filter is a table with the following data:

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 and create users in the KWS 600v3 please see section 3 from [Creating a Basic SKINNY 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