Creating a Background image for a 7970

Images required.

If you want to create custom background images for a Cisco 7970 phone you need to create 2 images. One thumbnail and one full size image. The specification for both these are defined below,

The PNG files for background images must meet the following requirements for proper display on the Cisco IP Phone.

Full size image—320 pixels (width) X 212 pixels (height) saved as XXXXXXXXX.png

Thumbnail image—80 pixels (width) X 53 pixels (height) saved as TN-XXXXXXX.png

Color palette—Includes up to 12-bit color (4096 colors). You can use more than 12-bit color, but the phone will reduce the color palette to12-bit before displaying the image. For best results, reduce the color palette of an image to 12-bit when you create a PNG file.

The XML file

When the phone requests the available background images from its tftp server it asks for the file List.XML. This file will reference all the uploaded background images and allows the phone to display them for the end user to select what file will be downloaded and saved locally on the phone. You can have as many background images as you want referenced in this file. The default background image will always be displayed and is not needed to be referenced in this file.

Below is a example of the text and format of the List.xml file, This file has two background images one named image_1 and the other named linklaters

```
<CiscoIPPhoneImageList>
  <ImageItem Image="TFTP:Desktops/320x212x12/TN-image_1.png"
    URL="TFTP:Desktops/320x212x12/image_1.png" />
<ImageItem Image="TFTP:Desktops/320x212x12/TN-image_2.png"
    URL="TFTP:Desktops/320x212x12/image_2.png" />
    </CiscoIPPhoneImageList>
```

Save the .xml file as List.xml. This is case sensitive.

Uploading the files to the TFTP server.

You will need to complete this process for all TFTP servers https://<IP_ADDRESS>:8443/cmplatform/showHome.do

From Software Upgrades select TFTP File Management.

Then select upload file

Browse to the locally stored List.xml file and select

Leave the directory's field blank and select upload.

Then select upload file

Browse to the locally stored XXXXXXXXX.png file and select

In the directory's field enter Desktops/320x212x12/

Then select upload file

Browse to the locally stored TN-XXXXXXXXX.png file and select

In the directory's field enter Desktops/320x212x12/

Then select upload file

Restarting the FTFP service on all TFTP servers

Out of hours log on to the CUCM serviceability pages.

From the tools menu select Control Center - Feature Services

Scroll down to the FTFP service and restart.

Repeat this for all TFTP servers in the cluster.

You should now see the newly uploaded background images in the background options on the 7970 phone.