



# Release Notes for Cisco ATA 190 Analog Telephone Adapter Firmware Version 1.2.2

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These Release Notes provide information about Cisco ATA 190 Analog Telephone Adapter firmware version 1.2.2.

**IMPORTANT:**

As with any firmware release, read these release notes before you upgrade the firmware.

## Changes in Firmware Version 1.2.2

For the Cisco ATA 190 Analog Telephone Adapter, support is added in firmware version 1.2.2 as follows:

- The following change is made to the web GUI:
  - Vertical Service Activation Codes options are enabled on the Cisco ATA 190 web page, **Voice > Regional > Vertical Service Activation Codes**.
- The following parameters are added in Cisco Unified Communications Manager:
  - Mute Progress Tone
  - Enable Ring Options
  - Fax Tone Detect Mode

## Enable Vertical Service Activation Codes

On the Cisco ATA 190 web page, the Vertical Service Activation Codes options are now enabled. You can change the Vertical Service Activation Codes from the default values.



### Procedure

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- Step 1** On the Cisco ATA 190 web page, navigate to **Voice > Regional > Vertical Service Activation Codes**.
  - Step 2** Change the parameters as needed.
  - Step 3** Click **Submit** to make your changes take effect.
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## Mute Progress Tone in Cisco Unified Communications Manager

With this feature, you can mute all progress tones on the Cisco ATA 190 during call establishment.

### Procedure

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- Step 1** In Cisco Unified CM Administration, go to **Device > Phone > Phone Configuration**.
- Step 2** In the Product Specific Configuration Layout section, find the Mute Progress Tone field.
- Step 3** Choose **On** to mute all progress tones, or choose **Off** to disable this feature.
- Step 4** Click **Save** and **Apply Config** to apply your changes.
- Step 5** On the Cisco ATA 190 web page, go to **Voice > Regional > Call Progress Tones > Mute All** to check the status:

**Yes** means that the feature is enabled, and **No** means that the feature is disabled.

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## Enable Ring Options in Cisco Unified Communications Manager

For the Cisco ATA 190, these settings can now be configured in Cisco Unified CM:

- Ring Waveform
- Ring Frequency
- Ring Voltage

### Procedure

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- Step 1** In Cisco Unified CM Administration, go to **Device > Phone > Phone Configuration**.
- Step 2** In the Product Specific Configuration Layout section, go to the Ring and Call Waiting Tone Spec section.
- Step 3** Change the value of these settings:
  - Ring Waveform
  - Ring Frequency
  - Ring Voltage
- Step 4** Click **Save** and **Apply Config** to make your changes take effect.

- Step 5** On the Cisco ATA 190 web page, go to **Voice > Regional > Ring and Call Waiting Tone Spec** to check your changes.
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## Fax Tone Detect Mode in Cisco Unified Communications Manager

You can choose an option to control fax triggering at the caller side, callee side, or both sides.

### Procedure

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- Step 1** In Cisco Unified CM Administration, go to **Device > Phone > Phone Configuration**.
- Step 2** In the Product Specific Configuration Layout section, find the Fax Tone Detect Mode field.
- Step 3** Choose the preferred option:
- Caller Only
  - Callee Only
  - Caller Or Callee
- Step 4** Click **Save** and **Apply Config** to apply your changes.
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## Installation Notes

### Install Cisco Unified Communications Manager

Before you use the Cisco Analog Telephone Adapter with Cisco Unified Communications Manager 8.5, 8.6, 9.1, 10.5, or higher, you must install the latest firmware on all Cisco Unified Communications Manager servers in the cluster.



#### Note

Besides Cisco Unified Communications Manager, the Cisco ATA 190 can also work with Cisco Unified Communications Manager Express and Cisco Unified Survivable Remote Site Telephony (SRST). Refer to the [“Related Documentation” section on page 6](#) for more information.

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To download and install the Cisco Unified Communications Manager version, follow these steps:

### Procedure

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- Step 1** Go to the following URL:  
<http://www.cisco.com/c/en/us/products/unified-communications/unified-communications-manager-call-manager/index.html>
- Step 2** Click **Download Software for this Product**.
- Step 3** Choose your Cisco Unified Communications Manager version.
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## Install Firmware Release


**Note**

Install the QED file of the ATA 190 on Cisco Unified Communications Manager before you upgrade the firmware of the ATA 190.


**Note**

For Cisco Unified Communications Manager versions prior to 10.x, a K3 plug-in is needed for successful installation of the K3 format QED and firmware.

The K3 plug-in is *ciscocm.version3-keys.cop.sgn*. Follow these steps to download the plug-in file:

1. Go to this URL:  
<https://software.cisco.com/download/navigator.html?mdfid=268439621&flowid=77893>
2. In the right column, choose your Cisco Unified Communications Manager version.
3. Choose **Unified Communications Manager / CallManager / Cisco Unity Connection Utilities**.
4. In the left panel, click **Latest > COP-Files**.
5. Find the *ciscocm.version3-keys.cop.sgn* file and download it.

For more information about the RSA Version-3 Key COP file, see this URL:

<http://www.cisco.com/web/software/282204704/18582/RSA3ver4.pdf>

To download and install the ATA 190 firmware, follow these steps:

### Procedure

- Step 1** Go to the following URL:  
<http://www.cisco.com/c/en/us/support/unified-communications/ata190-2-port-adapter/model.html>
- Step 2** Click the **Downloads** tab.
- Step 3** Click **Download Options**.
- Step 4** Choose **1.2.2** under the **Latest Releases** folder.
- Step 5** To download the SIP firmware for the ATA 190, click the **Download** or **Add to cart** button and follow the prompts.


**Note**

Add both the QED and the COP firmware files to the cart. When you are ready to download the file, click the **Download Cart** link.

- Step 6** In Cisco Unified Communications Manager, navigate to this path: **Cisco Unified OS Administration > Software Upgrades > Install/Upgrade**.


**Note**

Two source modes are supported: DVD/CD or Remote Filesystem. If you choose DVD/CD, place the disk in the local drive. If you choose Remote Filesystem, access a remote FTP server and upload the firmware to the server.

- Step 7** Install QED and COP files by following the website instructions.

- Step 8** After you install QED and COP files, a reboot of the Cisco Unified Communications Manager cluster is required: choose **Settings > Version**, then click **Restart**.



**Note** The reboot of the cluster is required so that Cisco Unified Communications Manager can recognize the Cisco ATA 190 device.

- Step 9** Connect the Cisco ATA 190 with Cisco Unified Communications Manager and power cycle it. The device upgrades firmware from Cisco Unified Communications Manager.



**Note** Upgrading the firmware may take several minutes. Until the process is complete, DO NOT turn off the power nor press the hardware reset button.



**Note** New parameters (Mute Progress Tone, Enable Ring Options, and Fax Tone Detect Mode) were added to the QED file in release 1.2.2. For ATA 190 units that are already configured in Cisco Unified Communications Manager (UCM), save the change in the Cisco UCM Device window to make the new parameters take effect.

## View Caveats

You can search for problems by using Cisco Bug Search. To access Cisco Bug Search, you need a Cisco.com user ID and password.

Known caveats (bugs) are graded according to severity level, and can either be open or resolved.

### Procedure

- Step 1** To find all caveats for this release, use this URL:  
<https://bst.cloudapps.cisco.com/bugsearch/search?kw=Customer%20visible%20bug%20for%20ATA190%20v1.2.2&pf=prdNm&sb=anfr&bt=custV>
- Step 2** Log in with your Cisco.com user ID and password.
- Step 3** To look for information about a specific problem, enter the bug ID number in the Search for field, then press **Enter**.

## Behavior During Times of Network Congestion

Anything that degrades network performance can affect voice and video quality, and sometimes, can cause a call to drop. Sources of network degradation can include, but are not limited to, the following activities:

- Administrative tasks, such as an internal port scan or security scan
- Attacks that occur on your network, such as a Denial of Service attack

To reduce or eliminate any adverse effects to the devices, schedule administrative network tasks during a time when the devices are not being used or exclude the devices from testing.

## Related Documentation

This section provides links to related documentation.

### **Cisco Analog Telephone Adapter Documentation**

Refer to publications that are specific to the ATA 190 and Cisco Unified Communications Manager release. Navigate from the following documentation URL:

<http://www.cisco.com/c/en/us/support/unified-communications/ata190-2-port-adapter/model.html>

### **Cisco Unified Communications Manager Documentation**

Refer to the *Cisco Unified Communications Manager Documentation Guide* and other publications that are specific to your Cisco Unified Communications Manager release. Navigate from the following URL:

<http://www.cisco.com/c/en/us/support/unified-communications/unified-communications-manager-call-manager/tsd-products-support-series-home.html>

### **Cisco Unified IP Phone Documentation**

Refer to publications that are specific to your language, phone model, and Cisco Unified Communications Manager release. Navigate from the following documentation URL:

<http://www.cisco.com/c/en/us/support/collaboration-endpoints/unified-ip-phone-7900-series/tsd-products-support-series-home.html>

### **Cisco Unified Communications Manager Express Documentation**

Refer to publications that are specific to Cisco Unified Communications Manager Express. Navigate from the following documentation URL:

<http://www.cisco.com/c/en/us/support/unified-communications/unified-communications-manager-express/tsd-products-support-series-home.html>

The *Cisco Unified Communications Manager Express System Administrator Guide* is found at this URL:

[http://www.cisco.com/c/en/us/td/docs/voice\\_ip\\_comm/cucme/admin/configuration/guide/cmeadm.html](http://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucme/admin/configuration/guide/cmeadm.html)

*Cisco Unified Communications Manager Express Configuration for Cisco ATA 190* at this URL:

[http://www.cisco.com/content/dam/en/us/td/docs/voice\\_ip\\_comm/cata/190/cme/ata190-cme-config.pdf](http://www.cisco.com/content/dam/en/us/td/docs/voice_ip_comm/cata/190/cme/ata190-cme-config.pdf)

### **Cisco Unified Survivable Remote Site Telephony Documentation**

Refer to publications that are specific to Cisco Unified Survivable Remote Site Telephony. Navigate from the following documentation URL:

<http://www.cisco.com/c/en/us/support/unified-communications/unified-survivable-remote-site-telephony/tsd-products-support-series-home.html>

# Documentation, Service Requests, and Additional Information

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/c/en/us/td/docs/general/whatsnew/whatsnew.html>

Subscribe to the *What's New in Cisco Product Documentation* as a Really Simple Syndication (RSS) feed and set content to be delivered directly to your desktop using a reader application. The RSS feeds are a free service and Cisco currently supports RSS Version 2.0.

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