

This file includes ALL possible configuration instructions for the Cisco ATA 186 using Go2Call service.

- ▶ **pg.2 Configuration Prerequisites - These must be fulfilled before you move on to the specific web configuration of your device**

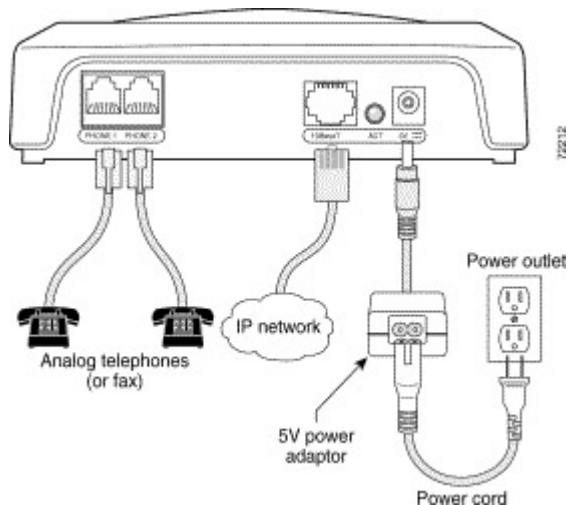
Outbound Configuration Options

- ▶ pg.3 ATA 186 Configuration for SIP with voice IVR
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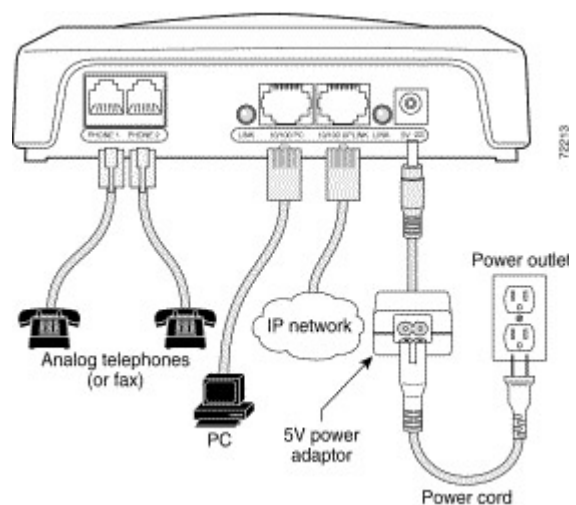
Inbound/Outbound Configuration

- ▶ pg.6 ATA 186 Configuration for SIP with Go2Call DID

Connecting the ATA 186



Connecting the ATA 188



These prerequisites are common to all ATA 186 configurations with Go2Call service. Specific configuration instructions can be found later in document.

1. Know the IOS Version of your ATA 186. For H.323 configuration with Go2Call service, you need v2.15 ata 18x (Build 020927a) or later. For all SIP configurations with Go2Call service, v3.0 atasip (Build 0040211A) or later is required. Please contact your Cisco representative or distributor for necessary upgrades.
 2. Reset your device to factory default. It is always best to reset ATA to factory default before you configure with Go2Call service for the first time.
 - a. Take phone off hook. The red button on top of the ATA should light up.
 - b. Press lit red button and dial 322873738#.
 - c. Voice prompt will ask you to dial * to save changes you have just made. Press * on phone's keypad.
 - d. Hang up the phone.
 3. Set up initial IP connectivity through the IVR.
 - a. Connect an analog touchtone phone to the port labeled **PHONE 1** on the back of the ATA 186.
 - b. Pick up the phone handset and press the **clear function** (red button) on the top of the ATA 186. You should hear initial IVR prompt at this point.
Note: The IVR cannot be used or heard if your phone is connected to the port on the ATA labeled **PHONE 2**.
 - c. The IVR will prompt you to enter a menu number followed by the # key. The following menu options are needed to configure basic IP connectivity.
 - Press 20#** if you are acquiring your public routable IP address from your ISP through a DHCP server, then press 1 to enable DHCP (Press 0 to disable)
 - Press 1#** to enter IP address (StaticIP)
 - Press 2#** to enter default gateway (StaticRoute)
 - Press 10#** to enter Subnet Mask (StaticNetMask)
 - Press 80#** to check IP address
 - d. Press # key after you enter a value in each category. If you do not press #, the system will timeout after 10 seconds.
 - e. You will hear a recording of the value you entered followed by a request to press one of the following keys:
 - 1 to change your entered value
 - 2 to review your entered value
 - 3 to save your entered value
 - 4 to review the current saved value
 - f. Enter 3 to save your value. After setting up IP connectivity through the IVR, press the # key to exit.
- Note:** Once you have IP connectivity from the ATA 186 to any PC, you can perform the remaining configurations through the web server. If you are unable to access the web server, make sure you can ping the ATA 186 from the PC. If you are unable to ping the ATA 186, confirm IP connectivity by pressing 80# on the IVR. Verify that the IP address is the same one that you are using for web access.

❖ **STEP 1** From the PC, open a web browser and enter the following URL:
http:<ipaddress_of_ata>/dev (for example http:<192.168.3.1>/dev)

❖ **STEP 2** Make changes only to the following fields of your ATA's web configuration:

- **Account Details** - The information for the UID fields vary according to your needs. Please fill in account details using one of the following options:

OPTION A PIN-less dialing

UID0	Enter: Go2Call PIN 1
UID1	Enter: Go2Call PIN 2 (enter 0, if you have only one account)

Note: This UID configuration allows you to dial the destination number directly without entering a PIN.

OPTION B PIN number entered for each call

UID0	Enter: 1234
UID1	Enter: 5678

- **Server Information**

GkorProxy	Enter: voip02.go2call.com
SIPRegOn	Enter: 0
SIPPort	Enter: 5065
OutboundProxy	Enter: sipnt.go2call.com:5070
DNS1IP	Enter: 216.52.157.165 (or if you have it, your ISP DNS IP address)
DNS2IP	Enter: 216.52.157.166

- **Codec Information** - You can configure the ATA with either G.729 or G.723 codec. The audio quality is better with G.729, but you cannot use the ATA's two ports simultaneously (make 2 simultaneous calls) if you choose G.729.

OPTION A Codec G.729 information

LBRCodec	3
RxCodec	3
AudioMode	0x00150015
TxCodec	3

OPTION B Codec G.723 information

LBRCodec	0
RxCodec	0
AudioMode	0x00150015
TxCodec	0

- **DialPlan** - Copy the exact string given below.

DialPlan	*St4- #St4- 911 1>#t8.r9t2- 0>#t811.rat4- ^1t4>#.- H0723
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❖ **STEP 3** Click **Submit** at the bottom and **Reload** the ATA186 for the changes to take effect.

❖ **STEP 4** Lift the receiver connected to the first port of the ATA186 to dial out. You should be able to hear dial tone.

❖ **STEP 5** Enter a destination number to test your configuration.

If you have any difficulties or questions, please feel free to contact: voip@go2call.com

▶ **STEP 1** From the PC, open a web browser and enter the following URL:
http://<ipaddress_of_ata>/dev (for example http://<192.168.3.1>/dev)

▶ **STEP 2** Make changes only to the following fields of your ATA's web configuration:

• **Account Details**

UID0	Enter: Go2Call PIN 1
UID1	Enter: Go2Call PIN 2 (enter 0, if you have only one account)

Note: The above UID configuration allows you to dial the destination number directly without entering a PIN. Your Go2Call account must be valid and have funds, or the ATA will not work.

• **Server Information**

GkorProxy	Enter: Sip02.go2call.com
SIPRegOn	Enter: 0
SIPPort	Enter: 5065
OutboundProxy	Enter: sipnt.go2call.com:5070
DNS1IP	Enter: 216.52.157.165 (or if you have it, your ISP DNS IP address)
DNS2IP	Enter: 216.52.157.166

• **Codec Information** - You can configure the ATA with either G.729 or G.723 codec. The audio quality is better with G.729, but you cannot use the ATA's two ports simultaneously (make 2 simultaneous calls) if you choose G.729.

OPTION A Codec G.729 information

LBRCodec	3
RxCodec	3
AudioMode	0x00150015
TxCodec	3

OPTION B Codec G.723 information

LBRCodec	0
RxCodec	0
AudioMode	0x00150015
TxCodec	0

▶ **STEP 3** Click **Submit** at the bottom and **Reload** the ATA186 for the changes to take effect.

▶ **STEP 4** Lift the receiver connected to the first port of the ATA186 to dial out. You should be able to hear dial tone.

▶ **STEP 5** Enter a destination number to test your configuration.

If you have any difficulties or questions, please feel free to contact: voip@go2call.com



Cisco ATA 186 Configuration Outbound H.323 Configuration

▶ **STEP 1** From the PC, open a web browser and enter the following URL:
http://<ipaddress_of_ata>/dev (for example, http://<192.168.3.1>/dev)

▶ **STEP 2** Make changes only to the following fields of your ATA's web configuration:

- **Account Details** - The information for the UID fields vary according to your needs. Please fill in account details using one of the following options:

OPTION A PIN-less dialing

UID0	Enter: Go2Call PIN 1
UID1	Enter: Go2Call PIN 2 (enter 0, if you have only one account)

Note: This UID configuration allows you to dial the destination number directly without entering a PIN. If you are using dialtone IVR, there must be funds in your account or the ATA will not work.

OPTION B PIN number entered for each call

UID0	Enter: 1234
UID1	Enter: 5678

Note: This UID configuration is applicable only with voice IVR and not with dialtone IVR.

• Server Information:

GkOrProxy	Enter: 216.52.153.203
GkId	Enter: gk0

• **Codec Information** - You can configure the ATA with either G.729 or G.723 codec. The audio quality is better with G.729, but you cannot use the ATA's two ports simultaneously (make 2 simultaneous calls) if you choose G.729.

OPTION A Codec G.729 information

LBRCodec	3
RxCodec	3
AudioMode	0x00150015
TxCodec	3

OPTION B Codec G.723 information

LBRCodec	0
RxCodec	0
AudioMode	0x00150015
TxCodec	0

• **DialPlan** - Enter the following string in the DialPlan to choose your language option.

DialPlan	*St4- #St4- 911 1>#t8.r9t2- 0>#t811.rat4- ^1t4>#.- see options below
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Fill the last segment in with your IVR choice:

- H02729 - English IVR with codec G.729
- H0723 - English IVR with codec G.723
- H0333 - Spanish IVR
- H0666 - Polish IVR
- H0777 - Dial Tone IVR

▶ **STEP 3** Click **Submit** at the bottom and **Reload** the ATA186 for the changes to take effect.

▶ **STEP 4** Lift the receiver connected to the first port of the ATA186 to dial out. You should be able to hear dial tone.

▶ **STEP 5** Enter a destination number to test your configuration.

If you have any difficulties or questions, please feel free to contact: voip@go2call.com



Cisco ATA 186 Configuration Inbound/Outbound Configuration with Go2Call DID

❖ **STEP 1** From the PC, open a web browser and enter the following URL:
http://<ipaddress_of_ata>/dev (for example http://<192.168.3.1>/dev)

❖ **STEP 2** Make changes only to the following fields of your ATA's web configuration:

• **Account Details**

UID0	Enter: Go2Call DID 1
UID1	Enter: Go2Call DID 2 (enter 0, if you have only one account)

• **Password**

PWD0	Enter: Go2Call Password 1
PWD1	Enter: Go2Call Password 2 (enter 0, if you have only one account)

• **Server Information:**

GkorProxy	Enter: sipproxy.go2call.com
SIPRegInterval	Enter: 3600
SIPRegOn	Enter: 1
SIPPort	Enter: 5065
OutboundProxy	Enter: sipnt.go2call.com:5070
DNS1IP	Enter: 216.52.157.165 (or if you have, use your ISP DNS IP address)
DNS2IP	Enter: 216.52.157.166

• **Codec Information** - You can configure the ATA with either G.729 or G.723. The audio quality is better with G.729, but you cannot use the ATA's two ports simultaneously (make 2 simultaneous calls) if you choose G.729.

OPTION A Codec G.729 information

LBRCodec	3
RxCodec	3
AudioMode	0x00150015
TxCodec	3

OPTION B Codec G.723 information

LBRCodec	0
RxCodec	0
AudioMode	0x00150015
TxCodec	0

❖ **STEP 3** Click **Submit** at the bottom and **Reload** the ATA186 for the changes to take effect.

❖ **STEP 4** Lift the receiver connected to the first port of the ATA186 to dial out. You should be able to hear dial tone.

❖ **STEP 5** Enter a destination number to test your configuration.

If you have any difficulties or questions, please feel free to contact: voip@go2call.com