

# Mitel TA7100

58014894 REV00

BASIC FXS GATEWAY CONFIGURATION

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## Mitel TA7100 Basic FXS Gateway Configuration

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# Configuring the Mitel Unit

## Getting Started

### Steps

1. Make sure the WAN network interface (either WAN, ETH1, Ethernet, Network or ETH5 depending on your model) of your Mitel unit is connected to the router/switch to your LAN. WAN/Internet.
2. Make sure the second Ethernet connector (either LAN, ETH2 or Computer depending on your model) of your Mitel unit is connected to the computer.
3. Log on to the Mitel unit Management interface.

**NOTE:** If you are using your Mitel unit for the first time, refer to its Mitel unit Quick Start guide.

## Logging On to the Mitel Unit Web Interface

For better performances, it is recommended to use the latest available version of Microsoft Internet Explorer, Google Chrome or Mozilla Firefox.

**NOTE:** You may not be able to log on to the Management Interface if you are using older versions.

The computer's network card must be on the same subnet as the Mitel unit.

### Steps

1. In your web browser, enter the IP address used by your Mitel unit to communicate with the Management Interface.
    - If your computer is connected to the Ethernet port, commonly used to be connected to the Local Area Network (LAN), i.e. Eth2 on most devices, use the 192.168.0.10 IP address.
    - If your Mitel unit is configured to use a DHCP with IPv4, use the DHCP- provided IP address.
  2. Enter public as your username and leave the password field empty.
- NOTE:** The public username account has administrator rights.
- NOTE:** You can also use admin as a username and administrator as password.
3. Click **Login**.

**Result:** The **Information** page of the Management Interface is displayed.

## Configuring the Default Servers

**Prerequisite** If you are not familiar with the meaning of the fields, click Show Help, located at the upper right corner of the Web page, to display field description when mousing over the field name.

In some instances, the configuration of the default servers may already be completed.

**Steps**

1. Go to SIP>Servers.
2. In the Registrar Host field, indicate the server IP address or FQDN to use for this gateway.
3. In the Proxy Host field, indicate the server IP address or FQDN to use for this gateway.
4. In the Messaging Server Host field, indicate the server IP address or FQDN to use for this gateway, if needed.
5. Leave the Outbound Proxy Host field empty unless specifically instructed to set a value.

**NOTE:** Setting the address to 0.0.0.0:0 or leaving the field empty disables the outbound proxy host.

6. Click Apply.
7. Click **Restart required services** located at the top of the page.

**Result:**

Default Servers	
Registrar Host:	<input type="text" value="sip.registrarserver.com"/>
Proxy Host:	<input type="text" value="sip.proxyserver.com"/>
Messaging Server Host:	<input type="text"/>
Outbound Proxy Host:	<input type="text"/>

## Registering Endpoints to All Gateways

If you are not familiar with the meaning of the fields, click Show Help, located at the upper right corner of the Web page, to display field description when mousing over the field name.

**Steps**

1. Go to SIP > Registrations.
2. For each endpoint requiring authentication, repeat steps 2 and 3 .
3. From the Register selection list, select Enable.
4. From the Gateway Name selection list, select All for each endpoint.
5. Click Apply & Refresh.

**Result:**

Endpoints Registration	Endpoint	User Name	Friendly Name	Register	Messaging	Gateway Name
	Slot1/E1T1	<input type="text" value="user_name1"/>	<input type="text"/>	Enable <input type="button" value="v"/>	Disable <input type="button" value="v"/>	all <input type="button" value="v"/>
	Slot2/FX01	<input type="text" value="user_name2"/>	<input type="text"/>	Enable <input type="button" value="v"/>	Disable <input type="button" value="v"/>	all <input type="button" value="v"/>
	Slot2/FX02	<input type="text" value="user_name3"/>	<input type="text"/>	Enable <input type="button" value="v"/>	Disable <input type="button" value="v"/>	all <input type="button" value="v"/>
	Slot2/FX03	<input type="text" value="user_name4"/>	<input type="text"/>	Enable <input type="button" value="v"/>	Disable <input type="button" value="v"/>	all <input type="button" value="v"/>

### Setting the SIP Authentication

If you are not familiar with the meaning of the fields, click Show Help, located at the upper right corner of the Web page, to display field description when mousing over the field name.

#### Steps

1. Go to SIP > Authentication.
2. Click Edit All Entries.
3. In the Authentication table, enter the credentials for each port.

#### Result:

Authentication								
Priority	Criteria	Endpoint	Gateway	Username Criteria	Validate Realm	Realm	User Name	Password
1	Endpoint	Port01	default		Disable		201	
2	Endpoint	Port02	fallback		Disable		202	

### Configuring Country Selection

If you are not familiar with the meaning of the fields, click Show Help, located at the upper right corner of the Web page, to display field description when mousing over the field name.

#### Steps

1. Go to Telephony > Misc.
2. In the Country table, select your country from the dropbox.
3. Click Apply.

#### Result:

Country	
Country Selection:	NorthAmerica1

### Restarting Services

If you are not familiar with the meaning of the fields, click Show Help, located at the upper right corner of the Web page, to display field description when mousing over the field name.

#### Steps

1. Go to System > Services.
2. In the **Restart required services** table, click **Restart required services**

# Advanced Settings

## Adding the Star Code Dial Map

By default, the Mitel TA71XX dial map does not allow \* key.

### Steps

1. Go to Telephony > DTMF Maps.
2. In the Allowed DTMF Map table, complete the fields as required.

**NOTE:** \*xx - for code, e.g. \*69

### Result:

Allowed DTMF Map								
Index	Enable	Apply To	Endpoints	Suggestions	DTMF Map	Transformation	Target	Emergency
1	Enable	Unit		--- Suggestion ---	*xx			Disable
2	Enable	Unit		--- Suggestion ---	x.#	[x{#}]	x	Disable
3	Enable	Unit		--- Suggestion ---	x.T	x		Disable

## Adding the # Key Dial Map

By default, the Mitel TA71XX dial map does not allow # key.

### Steps

1. Go to Telephony > DTMF Maps.
2. In the Allowed DTMF Map table, complete the fields as required.

**NOTE:** x.# - for speed dialling, e.g. 267# , call will be dialled right away once the # key is hit.

### Result:

Allowed DTMF Map								
Index	Enable	Apply To	Endpoints	Suggestions	DTMF Map	Transformation	Target	Emergency
1	Enable	Unit		--- Suggestion ---	*xx			Disable
2	Enable	Unit		--- Suggestion ---	x.#	[x{#}]	x	Disable
3	Enable	Unit		--- Suggestion ---	x.T	x		Disable

