

Country Parameters Configuration

All Mediatrix Products

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1 Default vs Specific Endpoint Configuration

It is possible to configure all endpoints to the default value, or an endpoint to a specific value, or a mix of both.

When you do not change your configuration, the values keep the default configuration. In order to modify the codec settings for a specific endpoint, the endpoint must first be selected from the drop-down list. It is also possible to have a default configuration followed by one or more specific endpoint configurations.

- Default configuration
- Mix of default and specific endpoint configurations
- All endpoints enabled with specific configurations

1.1 Configuring the Country for all Endpoints

Steps

- 1) Go to **Telephony/Misc.**
- 2) Make sure the **Select Endpoint** drop-down list is set to **Default**.
- 3) In the **Country** table, select your country from the drop-down list.
- 4) Click **Apply**.

Result

Country
Country Selection: NorthAmerica1 ▼

1.2 Configuring the Country for a Specific Endpoint

Information

You cannot configure specific endpoints with different countries. Once you select the country, it will be valid for all endpoints.

2 Advanced Country Settings

2.1 Configuring the User Gain for all Endpoints

Steps

- 1) Go to **Telephony/Misc.**
- 2) From the **Select Endpoint** drop-down menu, leave the selection to **Default**.
- 3) From the **User Gain** table, fill out the fields as required.
- 4) Click **Apply**.

Note: In case you had selected a specific endpoint, and if your **Endpoint Specific** is set to **Yes**, then this endpoint will not use the default values.

2.2 Configuring the User Gain for Specific Endpoints

Steps

- 1) Go to **Telephony/Misc.**
- 2) From the **Select Endpoint** drop-down menu, select an endpoint.
- 3) From the **User Gain** table, in the **Endpoint Specific** drop-down menu, select **Yes**.

Note: Use these settings with great care. Media5 recommends not to modify the user gain parameters unless absolutely necessary because default calibrations may no longer be valid. Modifying user gains may cause problems with DTMF detection and voice quality – using a high user gain may cause sound saturation (the sound is distorted). Furthermore, some fax or modem tones may no longer be recognised. The user gains directly affect the fax communication quality and may even prevent a fax to be sent.

- 4) From the **User Gain** table, fill out the **Input Offset** and **Output Offset** fields as required.
- 5) Click **Apply**.

2.3 User Gain Parameters

Although the services can be configured in great part in the Web browser, some aspects of the configuration can only be completed with the MIB parameters by:

- using a MIB browser
- using the CLI

- creating a configuration script containing the configuration variables

For more details on the following parameters, refer to the [DGW Configuration Guide - Reference Guide](#) and for more information on scripting language, refer to [DGW Configuration Guide Configuration Scripting Language Syntax](#) available on the [Media5 Documentation Portal](#).

Parameters
Tellf.DefaultCountryCustomizationUserGainInputOffset
Tellf.DefaultCountryCustomizationUserGainOutputOffset
Tellf.SpecificCountryCustomizationUserGain[].EnableConfig
Tellf.SpecificCountryCustomizationUserGain[].InputOffset
Tellf.SpecificCountryCustomizationUserGain[].InterfaceId
Tellf.SpecificCountryCustomizationUserGain[].OutputOffset

2.4 Advanced Dialing Parameters

Although the services can be configured in great part in the web browser, some aspects of the configuration can only be completed with the MIB parameters by:

- using a MIB browser
- using the CLI
- creating a configuration script containing the configuration variables

For more details on the following parameters, refer to the [DGW Configuration Guide - Reference Guide](#) and for more information on scripting language, refer to [DGW Configuration Guide Configuration Scripting Language Syntax](#) published on the [Media5 Documentation Portal](#).

Parameters
Tellf.DefaultCountryCustomizationDialingDtmfDuration
Tellf.DefaultCountryCustomizationDialingInterDtmfDialDelay
Tellf.DefaultCountryCustomizationDialingInterMfR1DialDelay
Tellf.DefaultCountryCustomizationDialingMfR1Duration
Tellf.DefaultCountryCustomizationDialingOverride
Tellf.SpecificCountryCustomizationDialing[].DtmfDuration
Tellf.SpecificCountryCustomizationDialing[].EnableConfig
Tellf.SpecificCountryCustomizationDialing[].InterDtmfDialDelay
Tellf.SpecificCountryCustomizationDialing[].InterMfR1DialDelay
Tellf.SpecificCountryCustomizationDialing[].MfR1Duration
Tellf.SpecificCountryCustomizationDialing[].Override

2.5 Fax Calling Tone Detection Parameters

Although the services can be configured in great part in the web browser, some aspects of the configuration can only be completed with the MIB parameters by:

- using a MIB browser
- using the CLI
- creating a configuration script containing the configuration variables

For more details on the following parameters, refer to the [DGW Configuration Guide - Reference Guide](#) and for more information on scripting language, refer to [DGW Configuration Guide Configuration Scripting Language Syntax](#) both available on the [Media5 Documentation Portal](#).

Parameters
Tellf.DefaultMachineDetectionBehaviorOnCedToneDetection
Tellf.DefaultMachineDetectionCedToneDetection
Tellf.DefaultMachineDetectionCngToneDetection
Tellf.DefaultMachineDetectionV21ModulationDetection
Tellf.SpecificMachineDetection[].BehaviorOnCedToneDetection
Tellf.SpecificMachineDetection[].CedToneDetection
Tellf.SpecificMachineDetection[].CngToneDetection
Tellf.SpecificMachineDetection[].EnableConfig
Tellf.SpecificMachineDetection[].InterfaceId
Tellf.SpecificMachineDetection[].V21ModulationDetection

2.6 Identifying the Tone Pattern

Steps

- 1) Go to **Telephony/Tone Customisation**.
- 2) From the **Select Tone** drop-down, select the tone to identify.

Note: For more information on tones, refer to [DGW Configuration Guides - Country Specification](#) published on the [Media5 Documentation Portal](#).

2.7 Overriding the Pattern of a Tone

Before you start

Before you continue, make sure you have done the following [Identifying the Tone Pattern](#) (p.7).

Steps

- 1) Go to **Telephony/Tone Customisation**.
- 2) From the **Override Current Tone Values** field, select **Enable**.
- 3) Click **Copy Current Tone Definition To Override**.

Note: You cannot edit the tones in the **Current Tone Definition** and **Current Tone States** tables.

Note: For more information on tones, refer to [DGW Configuration Guides - Country Specification](#) published on the [Media5 Documentation Portal](#).

- 4) Modify the **Overriden Tone Definition** table as required.
- 5) Modify the fields in the **Overriden Tone States** table as needed.
- 6) Click **Apply**.
- 7) Click **restart required services**, located at the top of the page.

Result

Next time the tone is used, your new settings will be applied.

3 Online Help

If you are not familiar with the meaning of the fields and buttons, click **Show Help**, located at the upper right corner of the Web page. When activated, the fields and buttons that offer online help will change to green and if you hover over them, the description will be displayed.

4 DGW Documentation

Mediatrix devices are supplied with an exhaustive set of documentation.

Mediatrix user documentation is available on the [Media5 Documentation Portal](#).

Several types of documents were created to clearly present the information you are looking for. Our documentation includes:

- **Release notes:** Generated at each GA release, this document includes the known and solved issues of the software. It also outlines the changes and the new features the release includes.
- **Configuration notes:** These documents are created to facilitate the configuration of a specific use case. They address a configuration aspect we consider that most users will need to perform. However, in some cases, a configuration note is created after receiving a question from a customer. They provide standard step-by-step procedures detailing the values of the parameters to use. They provide a means of validation and present some conceptual information. The configuration notes are specifically created to guide the user through an aspect of the configuration.
- **Technical bulletins:** These documents are created to facilitate the configuration of a specific technical action, such as performing a firmware upgrade.
- **Hardware installation guide:** They provide the detailed procedure on how to safely and adequately install the unit. It provides information on card installation, cable connections, and how to access for the first time the Management interface.
- **User guide:** The user guide explains how to customise to your needs the configuration of the unit. Although this document is task oriented, it provides conceptual information to help the user understand the purpose and impact of each task. The User Guide will provide information such as where and how TR-069 can be configured in the Management Interface, how to set firewalls, or how to use the CLI to configure parameters that are not available in the Management Interface.
- **Reference guide:** This exhaustive document has been created for advanced users. It includes a description of all the parameters used by all the services of the Mediatrix units. You will find, for example, scripts to configure a specific parameter, notification messages sent by a service, or an action description used to create Rulesets. This document includes reference information such as a dictionary, and it does not include any step-by-step procedures.

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