

AudioCodes Quick Reference Guide Caller ID on FXS

Background

Caller ID is a telephony service that transmits the direct inward dial (DID) number of the calling party to the phone equipment of the called party, allowing them to see the caller's DID before the call is answered. This quick reference guide aims to help you understand what caller ID is and how it can be configured and troubleshoot issues related to Caller ID.

What is Caller ID on FXS?

AudioCodes FXS devices allow for the initiation, cessation, and modification of caller ID on outbound calls originating on the device's analog FXS ports.

How does AudioCodes Use Caller ID on FXS?

AudioCodes uses caller ID on FXS port to send out the configured Caller ID in the outgoing SIP INVITE message's "From" header.

How do I configure Caller ID on the FXS device?

The Caller ID Permission page is located under Configuration tab -> VoIP menu -> GW and IP to IP -> Analog Gateway -> Caller ID Permissions

Ion Maintenance Status & Diagnostics Caller ID Permissions			
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IP Definitions	Port 9 FXS Port 10 FXS		
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Hunt Group	Port 12 FXS Port 13 FXS	T	
Manipulations Routing	Port 13 FXS Port 14 FXS		
Routing	Port 14 FXS Port 15 FXS		
DTMF and Supplementary			
Analog Gateway	Port 16 FXS		
Metering Tones	Port 17 FXS		
Authentication	Port 18 FXS		
Automatic Dialing	Port 19 FXS		
Caller Display Information	Port 20 FXS		
Call Forward	Port 21 FXS	T	
Caller ID Permissions	Port 22 FXS	T	
Call Waiting	Port 23 FXS	T	
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Advanced Applications			
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This will enable caller ID on the selected port. Configuration of the actual caller ID is found under Configuration tab -> VoIP menu -> GW and IP to IP -> Analog Gateway -> Caller Display Information

AudioCodes AudioCodes_MP124			
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sic • Full	Port	Caller ID/Name	Presentation
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IP	Port 2 FXS		Allowed V
Network	Port 3 FXS		Allowed V
Security	Port 4 FXS		Allowed V
Media	Port 5 FXS		Allowed V
Services Applications Enabling	Port 6 FXS		Allowed V
Control Network			Allowed V
SIP Definitions	Port 7 FXS		
Coders and Profiles	Port 8 FXS		Allowed v
GW and IP to IP	Port 9 FXS		Allowed v
Hunt Group	Port 10 FXS		Allowed V
Manipulations	Port 11 FXS		Allowed V
DTMF and Supplementary	Port 12 FXS		Allowed V
Analog Gateway	Port 13 FXS		Allowed V
Keypad Features			Allowed V
Metering Tones	Port 14 FXS		
Authentication	Port 15 FXS		Allowed V
Caller Display Information	Port 16 FXS		Allowed v
Call Forward	Port 17 FXS		Allowed V
Caller ID Permissions	Port 18 FXS		Allowed v
Call Waiting	Port 19 FXS		Allowed V
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Charging	Port 21 FXS		Allowed V
Charging	Port 22 FXS		Allowed V
	Port 23 FXS		Allowed V
	Port 24 FXS		Allowed V

Here you can enter the desired caller ID to be displayed on outgoing calls, remove or modify the same.

<u>Caller ID Type</u>: determines the standard for producing caller ID, which varies from country to country. It can be modified in the INI file or from the cmd shell on the FAE page with the parameter **CallerIDType**. Default setting is Standard Bellcore.

Polarity Reversal: some caller ID signaling on PBXs and other devices need reversed polarity and/or wink signals to function with Caller ID or other features. In these cases, it is recommended to set Polarity Reversal to 1 with the PolarityReversalType parameter in the INI or on the FAE page with the cmd shell.

For any further questions regarding this topic or other technical topics:

- Contact your AudioCodes Sales Engineer
- Visit our AudioCodes Services and support page at https://www.audiocodes.com/services-support
- Access our technical documentation library at https://www.audiocodes.com/library/technical-documents
- Access to AudioCodes Management Utilities is available at https://services.audiocodes.com/app/answers/detail/a_id/20
- Contact Technical Support to submit a support ticket at <u>https://services.audiocodes.com</u>

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