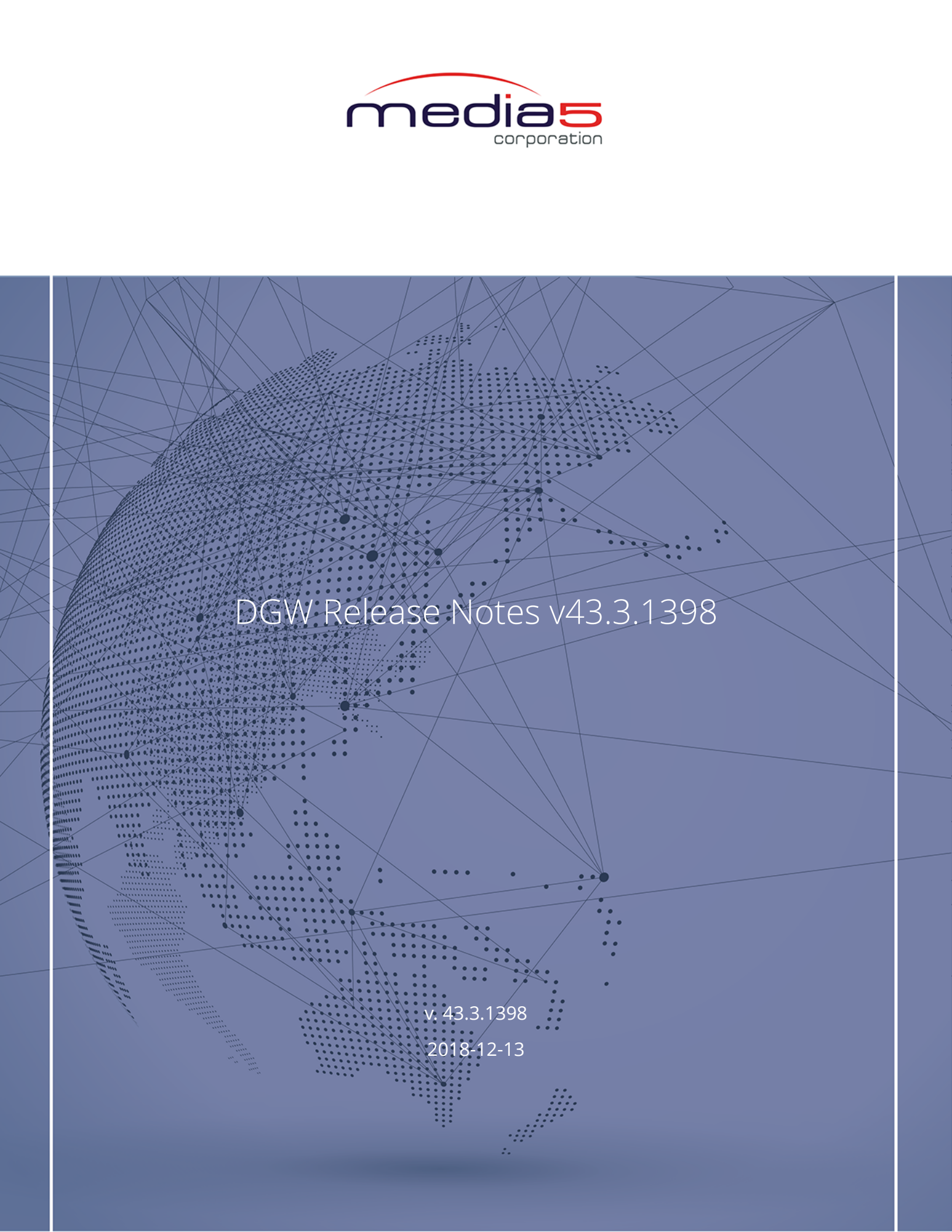


The background of the page is a dark blue field filled with a complex network of thin, light blue lines connecting numerous small black dots. These dots are arranged in a way that suggests a global map, with higher concentrations in North America and Europe. The overall effect is a sense of interconnectedness and data flow.

DGW Release Notes v43.3.1398

v. 43.3.1398

2018-12-13

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Firmware Pack

The firmware pack is a ZIP file that contains the modules and the features to install on your Mediatrix unit when a new release is available.

When unzipping the firmware pack, the content is extracted according to a pre-defined tree architecture. This creates a directory that contains the files required for the Mediatrix unit to properly upgrade its firmware.

New Functionalities

Incident #	CR #	Synopsis	Applies To																						
Description																									
---	DGW-9643	Support SIP MESSAGE handling to forward a text message on POTS phone display.	FXS, SIP																						
On the reception of plain/text content within a SIP MESSAGE, the matching SIP username will receive the text message on the display, along with a "splash" ring. This feature is only available with FXS interfaces. Two new parameters were created to support SIP Message Support: - SipEp.SipMessageSupport - Pots.FxsSipMessageAlertingEnable These parameters are available via the DGW Web pages. Under DGW/POTS/FXS Configuration <table><tr><th colspan="2">FXS Configuration</th></tr><tr><td>Line Supervision Mode:</td><td>DropOnDisconnect</td></tr><tr><td>Disconnect Delay:</td><td>0</td></tr><tr><td>Auto Cancel Timeout:</td><td>0</td></tr><tr><td>Inband Ringback:</td><td>Disable</td></tr><tr><td>Shutdown Behavior:</td><td>Disabled Tone</td></tr><tr><td>Power Drop On Disconnect Duration:</td><td>1000</td></tr><tr><td>Service Activation:</td><td>Flash Hook</td></tr><tr><td>SIP Message Alerting:</td><td>Disable</td></tr></table> Under DGW/SIP/Misc <table><tr><th colspan="2">SIP Message Notification</th></tr><tr><td>SIP Message Support:</td><td>Disabled</td></tr></table>				FXS Configuration		Line Supervision Mode:	DropOnDisconnect	Disconnect Delay:	0	Auto Cancel Timeout:	0	Inband Ringback:	Disable	Shutdown Behavior:	Disabled Tone	Power Drop On Disconnect Duration:	1000	Service Activation:	Flash Hook	SIP Message Alerting:	Disable	SIP Message Notification		SIP Message Support:	Disabled
FXS Configuration																									
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SIP Message Alerting:	Disable																								
SIP Message Notification																									
SIP Message Support:	Disabled																								
---	DGW-9533	SipEp service must support TLS and TCP protocols as well as fail back on error 500 only for endpoint gateways.	SipEp																						
The endpoint gateway feature in the SipEp service can now be used with the TCP and TLS protocols. The Sip.DefaultSipFailoverConditions parameter can now be configured with "500OnRegistration". An empty value for the Sip.DefaultSipFailoverConditions parameter now disables the fail back on registration error instead of having the same behaviour than "5xxOnRegistration".																									
---	DGW-9508	Add stutter tone after certain star codes.	all																						

Incident #	CR #	Synopsis	Applies To																																													
Description																																																
A second dial tone in the DTMF allowed digit map configuration table can be added using the pre-defined character 'S'. When digits are dialed, if they match the digit map containing the S character, the stutter tone will be played and the digit collection will continue. Transformation is only applied to the suffix part of the DTMF map (digits after the S). The called number is the concatenation of the prefix and the suffix part of the dialed digits (digits before and after the S). EpServ																																																
---	DGW-9373	Support MCID request to forward malicious call identification notification to PSTN side.	ISDN, SIP																																													
On the reception of a SIP INFO containing the proprietary header "P-Call-Info: malicious", the associated PSTN call will now receive an ISDN FACILITY message indicating that this call is tagged as malicious. This feature is only available with ISDN interfaces enabling the DSS1 protocol. To enable this feature the new Isdn.SignalingChannelMcidEnable parameter was added. It is available via the DGW Web pages under ISDN/Services.																																																
<table><tr><th colspan="3">Services Configuration</th></tr><tr><td>Facility Services:</td><td> Disable </td><td></td></tr><tr><td>Calling Line Information Presentation:</td><td> User Only </td><td></td></tr><tr><td>Calling Line Information Restriction:</td><td> Disable </td><td></td></tr><tr><td>Calling Line Information Restriction Override:</td><td> Disable </td><td></td></tr><tr><td>Connected Line Identification Presentation:</td><td> Disable </td><td></td></tr><tr><td>Connected Line Identification Restriction:</td><td> Disable </td><td></td></tr><tr><td>Connected Line Identification Restriction Override:</td><td> Disable </td><td></td></tr><tr><td>Outgoing Notify:</td><td> Disable </td><td></td></tr><tr><td>Maintenance Service Call Termination:</td><td> Graceful </td><td></td></tr><tr><td>Date/Time IE Support:</td><td> Disable </td><td></td></tr><tr><td>AOC-E Support:</td><td> No </td><td></td></tr><tr><td>AOC-D Support:</td><td> No </td><td></td></tr><tr><td>Call Rerouting Behavior:</td><td> Unsupported </td><td></td></tr><tr><td>Malicious Call Identification (MCID):</td><td> Disable </td><td></td></tr></table>				Services Configuration			Facility Services:	Disable		Calling Line Information Presentation:	User Only		Calling Line Information Restriction:	Disable		Calling Line Information Restriction Override:	Disable		Connected Line Identification Presentation:	Disable		Connected Line Identification Restriction:	Disable		Connected Line Identification Restriction Override:	Disable		Outgoing Notify:	Disable		Maintenance Service Call Termination:	Graceful		Date/Time IE Support:	Disable		AOC-E Support:	No		AOC-D Support:	No		Call Rerouting Behavior:	Unsupported		Malicious Call Identification (MCID):	Disable	
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---	DGW-9371	Allow the VNC to be disabled on the virtual machine.	all																																													
The VNC can be now be disabled on the virtual machine of the Vm service by setting the value of the Vm.Vm.VncDisplayId parameter to -1.																																																

Incident #	CR #	Synopsis	Applies To
Description			
---	DGW-6558	Change in DGW MIBs for BRI ports on MX4400 products.	BRI
The BriPorts and BriPortsStatus tables were moved from "MbXgw" to "Hardware".			

Modified Features, Functionalities and Interface Modifications

Incident #	CR #	Synopsis	Applies To																																													
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---	DGW-9533	SipEp service must support TLS and TCP protocols as well as fail back on error 500 only for endpoint gateways.	SipEp																																													
The default value of the Sip.DefaultSipFailoverConditions parameter has been changed for "5xxOnRegistration" to keep the same default behavior after an upgrade.																																																
---	DGW-9373	Support MCID request to forward malicious call identification notification to PSTN side.	ISDN, SIP																																													
To enable/disable the Malicious Call Indentifaction (MCID) the new Isdn.SignalingChannelMcidEnable:= {Enable, Disable} (Disable by default) parameter was added. It is available via the DGW Web pages under ISDN/Services.																																																
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---	DGW-9371	Allow the VNC to be disabled on the virtual machine.	all																																													

Incident #	CR #	Synopsis	Applies To																																	
Description																																				
The range of the accepted value for Vm.Vm.VncDisplayId parameter have changed from 0 - 99 to -1 - 99 and the type from unsigned integer to signed integer.																																				
---	DGW-6558	Change in DGW MIBs for BRI ports on MX4400 products.	BRI																																	
The MbXgw configuration object (through CLI and SNMP) was removed. The parameters of the MbXgw.BriPorts[Name=xxxx] table are now in Hardware.BriPorts[Port=xxxx] table. When upgrading or restoring a backup or configuration script, the configuration will be automatically migrated to the new settings. However, if you use SNMP to manage Power Feeding on BRI ports (44xx+ units only), you will need to use the new MIBs.																																				
---	DGW-9643	Support SIP MESSAGE handling to forward a text message on POTS phone display.	FXS, SIP																																	
Two new parameters were created to support SIP Message Support: - SipEp.SipMessageSupport := {AcceptPlainText, Disabled} (Disabled by default) - Pots.FxsSipMessageAlertingEnable := {Enable, Disable} (Disable by default) Both parameters are available in the Web page. Under DGW/POTS/FXS Configuration <table><tr><th colspan="3">FXS Configuration</th></tr><tr><td>Line Supervision Mode:</td><td>DropOnDisconnect</td><td></td></tr><tr><td>Disconnect Delay:</td><td>0</td><td></td></tr><tr><td>Auto Cancel Timeout:</td><td>0</td><td></td></tr><tr><td>Inband Ringback:</td><td>Disable</td><td></td></tr><tr><td>Shutdown Behavior:</td><td>Disabled Tone</td><td></td></tr><tr><td>Power Drop On Disconnect Duration:</td><td>1000</td><td></td></tr><tr><td>Service Activation:</td><td>Flash Hook</td><td></td></tr><tr><td>SIP Message Alerting:</td><td>Disable</td><td></td></tr></table> Under DGW/SIP/Misc <table><tr><th colspan="3">SIP Message Notification</th></tr><tr><td>SIP Message Support:</td><td>Disabled</td><td></td></tr></table>				FXS Configuration			Line Supervision Mode:	DropOnDisconnect		Disconnect Delay:	0		Auto Cancel Timeout:	0		Inband Ringback:	Disable		Shutdown Behavior:	Disabled Tone		Power Drop On Disconnect Duration:	1000		Service Activation:	Flash Hook		SIP Message Alerting:	Disable		SIP Message Notification			SIP Message Support:	Disabled	
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Issues Fixed

Incident #	CR #	Synopsis	Applies To
Description			
IN-13430	DGW-9601	Unable to connect to the DGW Web page with Firefox.	Web
It is now possible to connect to the DGW Web page with Firefox.			
---	DGW-9592	CWMP TLS does not validate the server certificate Subject Alternative Name when the Common Name does not match.	CWMP
The Cwmp service now also validates the Subject Alternative Name on https connection.			
---	DGW-9493	Some DGW Web pages present a vulnerability to cross-site scripting using POST requests on a logged-in user.	Web
DGW Web pages are no longer vulnerable to cross-site scripting (XSS vulnerability) using POST requests.			
IN-13829	DGW-9489	Files with invalid characters in their file name cannot be deleted from the Web interface.	Files
Files with invalid characters in their file name can now be deleted from the Web interface.			

Known Issues

Incident #	CR #	Synopsis	Applies To
---	DGW-9927	Unable to view the Virtual Machine Configuration table in DGW after a Rollback.	VM
After a rollback of a configuration with a virtual machine that has a VNC ID of -1, the Virtual Machine Configuration table in DGW is no longer available. To temporarily solve the problem, the customer has to manually change the VNC ID in the configuration file of the VM.			

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