



DGW Firmware

V50.0.3127

Release Notes

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DGW Application 50.0.3127

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Summary

Incident Number	ID	Synopsis
	DGW-16669	Fixed the used RAM calculation on the Mediatix 4102
	DGW-16770	Telephony and network interfaces have been renamed on the Mediatix 4102S
ID-9024	DGW-16996	SipEp - Added new parameter TransportPersistentDisconnectOnSipTransmissionErrorEpGw
ID-9791	DGW-17040	The VNC server used by the VM service can now be automatically disabled after a configurable period
ID-10039	DGW-17043	First FXO incoming call after Pots service start-up may fail when Pots.FxoLinkStateVerification parameter is enabled
	DGW-17045	An incorrect CallerID may be displayed on incoming FXO calls after a previous cancelled call when WaitForCalleeToAnswer feature is enabled

Incident Number	ID	Synopsis
ID-10022	DGW-17047	TFTP download failure caused by invalid data re-transmission
	DGW-17168	Codecs default ptime changed to 20ms
	DGW-17190	Configuration from DGW 48.1.2503, or older, may not be correctly converted when upgrading to DGW 50.0
ID-10226	DGW-17207	Resolved Sbc.SignalingInterface.ForceLocalClientPort issue
ID-10149	DGW-17208	Sbc "Drop early media" and "Drop SDP from 1xx replies" rulesets were not functional
	DGW-17218	Upgrade Dropbear SSH server to version 2025.88
	DGW-17219	Upgrade wpa_supplicant client to version 2.11
ID-9495 ID-10289	DGW-17223	Fixed wrong message for stopped DGW services
ID-10331	DGW-17287	FQDN starting with digits are now accepted by the Hoc.InsertStaticHost parameter
	DGW-17288	Upgrade to OpenSSL 3.5.0
	DGW-17351	New parameters added to the Dcm.PasswordEncryption table
	DGW-17356	Support RFC8760 (SIP auth SHA256) for SIP client authentication
ID-10433	DGW-17395	Web service does not send complete certificate chain in TLS handshake

New Features

DGW-17356 - Support RFC8760 (SIP auth SHA256) for SIP client authentication

The SipEp service now supports RFC 8760 authentication. Supported algorithms are:

- MD5
- MD5-sess
- SHA-256
- SHA-256-sess
- SHA-512-256
- SHA-512-256-sess

DGW-17351 - New parameters added to the Dcm.PasswordEncryption table

The following parameters were added to the Dcm.PasswordEncryption table:

- Conf.ScriptsTransferPassword
- Conf.ScriptsSecretKey
- Conf.ScriptExportSecretKey
- Conf.ImageTransferPassword
- Conf.ImageSecretKey
- Cwmp.Password
- Cwmp.ConnectionRequestPassword
- Fpu.MfpTransferPassword
- Moh.Password
- Snmp.PrivPassword
- Snmp.SnmpV3Password

Note: Moh.Password and Snmp.PrivPassword now have a maximum length of 63. Passwords with a length greater than 63 will be lost when upgrading.

DGW-17288 - Upgrade to OpenSSL 3.5.0

The application was re-built using OpenSSL 3.5.0.

The DGW application now prioritizes tls1.3 over tls1.2 when both versions are supported.

DGW-17219 - Upgrade wpa_supplicant client to version 2.11

The application was re-built using wpa_supplicant client version 2.11.

DGW-17218 - Upgrade Dropbear SSH server to version 2025.88

The application was re-built using Dropbear SSH server version 2025.88.

DGW-17190 - Configuration from DGW 48.1.2503, or older, may not be correctly converted when upgrading to DGW 50.0

The automatic configuration conversion for DGW 48.1.2503 or older are no more supported on DGW 50.0.

Note: Devices must be upgraded to DGW 48.2.2567, or newer, before upgrading to DGW 50.0.

DGW-17168 - Codecs default ptime changed to 20ms

The default minimum ptime of the following parameters has been changed to 20ms:

- Mipt.DefaultCodecG711MulawMinPTime
- Mipt.EpSpecificCodecG711Mulaw.MinPTime
- Mipt.DefaultCodecG711AlawMinPTime
- Mipt.EpSpecificCodecG711Alaw.MinPTime
- Mipt.DefaultCodecG726r16kbpsMinPTime
- Mipt.EpSpecificCodecG726r16kbps.MinPTime
- Mipt.DefaultCodecG726r24kbpsMinPTime
- Mipt.EpSpecificCodecG726r24kbps.MinPTime
- Mipt.DefaultCodecG726r32kbpsMinPTime
- Mipt.EpSpecificCodecG726r32kbps.MinPTime
- Mipt.DefaultCodecG726r40kbpsMinPTime
- Mipt.EpSpecificCodecG726r40kbps.MinPTime
- Mipt.DefaultCodecG729MinPTime
- Mipt.EpSpecificCodecG729.MinPTime

Note: TheSipEp.InteropSdpPTimeAttributeValue parameter's default value has also been changed to 20ms.

DGW-17040 - The VNC server used by the VM service can now be automatically disabled after a configurable period

Incident Number: ID-9791

Two new settings allowing to automatically disable the VNC server after a certain delay have been added.

When the feature is enabled (**Vnc.AutomaticVncShutdownEnable**), a VM's VNC ID (**Vm.Vm.VncDisplayId**) will automatically be set to -1 (**disabled**) upon expiration of the specified timer (**Vm.AutomaticVncShutdownTimer**), starting from the virtual machine startup.

DGW-16996 - SipEp - Added new parameter

TransportPersistentDisconnectOnSipTransmissionErrorEpGw

Incident Number: ID-9024

Added new parameter named SipEp.TransportPersistentDisconnectOnSipTransmissionErrorEpGw to failover on either REGISTER only or ALL requests.

DGW-16770 - Telephony and network interfaces have been renamed on the Mediatrix 4102S

The network and telephony interfaces on the Mediatrix 4102S have been renamed:

- wan → eth1
- lan → eth2
- Phone-Fax1 → FXS1
- Phone-Fax2 → FXS2

Note: Configuration scripts with the old naming are fully supported, provisioning and management are not impacted by this change.

Fixed Issues

DGW-17395 - Web service does not send complete certificate chain in TLS handshake

Incident Number: ID-10433

Fixed an issue where the Web service would not send the complete certificate chain during the TLS handshake.

DGW-17287 - FQDN starting with digits are now accepted by the Hoc.InsertStaticHost parameter

Incident Number: ID-10331

The validation of the Hoc.InsertStaticHost parameter has been updated to accept FQDN that starts with digits.

DGW-17223 - Fixed wrong message for stopped DGW services

Incident Number: ID-9495 / ID-10289

Replace the wrong message "**Feature activation licence is required**" on the Tellf, CRout and EpAdm services when there are no telephony interfaces to "**Waiting for HW dependencies to be resolved**".

Moreover, the services that depends on the Tellf service will now display "**Waiting for dependencies to be resolved (service <Tellf> is not started)**" in that case.

DGW-17208 - Sbc "Drop early media" and "Drop SDP from 1xx replies" rulesets were not functional

Incident Number: ID-10149

Sbc "Drop early media" and "Drop SDP from 1xx replies" rulesets are now working as expected.

DGW-17207 - Resolved Sbc.SignalingInterface.ForceLocalClientPort issue**Incident Number:** ID-10226

Fixed an issue that prevented Sbc.SignalingInterface.ForceLocalClientPort from working.

DGW-17047 - TFTP download failure caused by invalid data re-transmission**Incident Number:** ID-10022

TFTP service re-transmits invalid data after not receiving a first ACK, and ignores an ACK re-transmission.

DGW-17045 - An incorrect CallerID may be displayed on incoming FXO calls after a previous cancelled call when WaitForCalleeToAnswer feature is enabled

When **WaitForCalleeToAnswer** is enabled, if an unanswered incoming FXO call is cancelled on the PSTN side, and there is a new incoming FXO call on a short delay, the call could display the previous CallerID instead of the current one.

The issue is now fixed by automatically cancelling and recreating the call upon detection of a new CallerID.

DGW-17043 - First FXO incoming call after Pots service start-up may fail when Pots.FxoLinkStateVerification parameter is enabled**Incident Number:** ID-10039

Fixed a failed incoming FXO to SIP calls issue after Pots service start-up when **Pots.FxoLinkStateVerification** parameter was enabled:

- When answered, only a noise is played to the caller, and the ringing tone keeps playing to the caller, as if the call was unanswered.
- If unanswered, even if the call is ended by the caller, the called party phone keeps ringing.

The issue was triggered by every FXO port physical line disconnection and reconnection, requiring a POTS service restart, a unit reboot, or a SIP to FXO call.

DGW-16669 - Fixed the used RAM calculation on the Mediatix 4102

On the Mediatix 4102 a calculation error that underestimated the used RAM was fixed.

Known Issues

There are no known issues.

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