



Dgw v2.0 Application Release Notes

Dgw v2.0.30.555

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Firmware Pack Updater (FPU)

The firmware update 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 update 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 update its firmware. When performing the update operation, the Mediatrix unit checks the module versions of the firmware pack against its own module versions and installs only the modules that have changed.

Refer to the Software Configuration Guide for more details.

Your Product Version

You must first verify if this Release Notes applies to your product.

The Release Notes does not necessarily concern all Mediatrix products. Therefore, you must verify in the appropriate Mediatrix product table to validate that this Release Notes applies to your product model. If your product is not listed, then it is not concerned by this Release Notes.

- [Mediatrix Sentinel \(p. 5\)](#)
- [Mediatrix 3000 Series Gateway](#)
- [Mediatrix 4100 Series Gateways](#)
- [Mediatrix 4400 Series Digital Gateways](#)
- [Mediatrix C7 Series Gateways](#)
- [Mediatrix LP Series](#)

Mediatrix Sentinel

Sentinel bundles the capabilities of a Session Border Controller and a Media Gateway. Robust and field - upgradable, this multi-service business platform is designed for medium and large enterprises. Sentinel is ideally targeted for applications ranging from 30 to 600 simultaneous sessions. Sentinel delivers a flexible architecture designed to address a variety of applications including security, demarcation point, SIP normalisation and survivability.

Module	Interfaces
Base Unit	<ul style="list-style-type: none"> • 1 WAN + 4 LAN Gigabit Ethernet • 8 slots for telephony cards • 3 SBC session licenses
Telephony Cards (optional)	<ul style="list-style-type: none"> • PRI Port card • 4 x FXS Ports card • 4 x FXO Ports card • DSP card (needed when using FXS, FXO or BRI) • 2 x BRI card (available soon)
SBC Licenses	<ul style="list-style-type: none"> • Individual sessions • 10 session package • 100 session package • Transcoding (available soon) • Voice Recording (available soon) • WebRTC gateway (available soon)

New Functionalities

CR #	Description
36313	SIP NOTIFY triggers a TR-069 Inform. The functionality consists in initiating a TR-069 connection when receiving or upon receiving a SIP NOTIFY.
36031	<p>It is now possible to connect to services using only a specific TLS version. New Tls version parameters were created for this purpose.</p> <ul style="list-style-type: none">• <i>TransferHttpsTlsVersion</i> in the Cert service• <i>ScriptsTransferTlsVersion</i> and <i>ImageTransferTlsVersion</i> in the Conf service• <i>TransportHttpsTlsVersion</i> in the Cwmp service• <i>TransferHttpsTlsVersion</i> in the File service• <i>MfpTransferTlsVersion</i> in the fpu service• <i>TransportTlsVersion</i> in the SipEp service• <i>TlsVersion</i> in the Web service
36577	<p>The Mediatrix DHCP server does not support option 66 and option 67.</p> <ul style="list-style-type: none">• Option 66 and 67 are now supported.

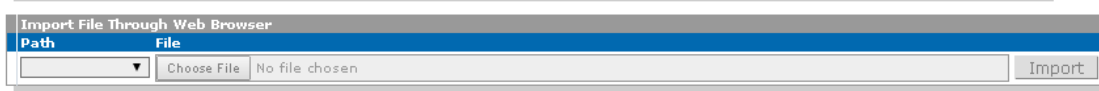
Modified Features and Functionalities

Incident #	CR #	Description
9230	35171	<p>Problem with persistent TLS Base Port in Mediatix configuration. The unit can not reestablish a persistent connection following an abrupt disconnection (power outage).</p> <ul style="list-style-type: none">• A mechanism was added to assign different persistent port numbers if or when the unit is restarted after an abrupt disconnection.
10518	36378	<p>A <i>Require</i> header is sent by error in the SIP SUBSCRIBER messages.</p> <ul style="list-style-type: none">• The <i>Require</i> header is no longer sent within SIP SUBSCRIBER messages, instead, the <i>Supported</i> header is sent.

Interface Modifications

Label Change Under the File Tab

The **Upload** button of the **Import File Through Web Browser (Management/File)** was renamed to **Import**. A new **Path** selection list was added to make sure the imported files are stored in the proper location.



Issues Fixed

Incident #	CR #	Description
9223	35151	Units with 8-16-24 FXS ports send a BYE message with outgoing calls if DTMF Info is sent during Progress. <ul style="list-style-type: none"> DTMF Info SIP messages sent during Progress are correctly handled.
10092	35685	When in SRTP, unit offers disabled codecs on 200 OK. <ul style="list-style-type: none"> The unit now removes unsupported codecs and replies with common supported codecs.
10095	35763	No Connect ACK is sent by the Mediatrix 44xx model causing the PBX to time out the call (T303 expires). When the unit receives a second Release Complete ISDN message, it is not correctly processed. <ul style="list-style-type: none"> Receiving a second ISDN Release complete ISDN message on a previously released call is now handled correctly.
9439	35758	The LLDP service does not work on VLAN if the network does not have an IP address. <ul style="list-style-type: none"> The LLDP is now enabled to work with an unaddressed VLAN network.
10220	35932	It is not possible to override the Predial delay with a value lower than the one defined for the country configuration. <ul style="list-style-type: none"> It is now possible to override the PreDial delay when its value is different from 0 in the country configuration.
---	36245	The default value for all TLS transfers is SSL v3 which is vulnerable to poodle attacks. <ul style="list-style-type: none"> The default value for all TLS transfers was changed to v1.0.
10455	36325	An Error occurs when setting the <i>AuthPassword</i> or <i>AuthUserName</i> parameters via TR069. <ul style="list-style-type: none"> The parameters are now set correctly.
10498	36328	Intermittent audio issues. <ul style="list-style-type: none"> Fixed the behavior of the unit when it receives Out-of-band RTP events.
10495	36332	The RTP/AVP Media description using a crypto attribute is incorrectly handled causing the caller and the callee to be unable to communicate. <ul style="list-style-type: none"> The crypto attribute in an SDP offer is ignored if the media transport is unsecured .
10455/10761	36388	Mediatrix C7 loses the ACS static URL after a power cycle and fails into DHCP mode. The configuration is not preserved after a power failure.

Incident #	CR #	Description
		<ul style="list-style-type: none">• The configuration is now preserved after a power failure.
---	36752	<p>Importing some files in Management/File caused the Files table in the File page to be empty.</p> <ul style="list-style-type: none">• The problem was fixed and importing files no longer causes the Files table to be empty.

Known Issues

General Issues/Limitations

Incident #	CR #	Description
---	27262	The <i>SIPGatewayState</i> parameter is set to Network down even if the Uplink Network Interface is set to Active in PPPoE.
---	27480	The conversion from the configured username to E164 in the auto-routing can use a partial username if the username is not an E164.
---	27871	The 'ls' and TAB-complete of the CLI shows unavailable variables/commands.
---	27873	RTP stats - The limitation range of the <i>statsCollectionPeriodDuration</i> parameter is not applied correctly on the web page.
---	28350	DHCP server does not give the fourth DNS, NTP and NBNS when configured statically in the default subnet. This applies to units with two Ethernet ports or more.
---	28356	Static lease is not present in the DHCP lease table. This applies to units with two Ethernet ports or more.
---	29123	When the unit is restarted, the <i>RebootIfNeeded</i> parameter runs its script again instead of allowing the unit to proceed with its activities.
---	29209	The CCBS service cannot be deactivated if the <i>CCNR Activation Via Handset</i> parameter is not enabled.
---	29486	TR-069 packets are sent via a non configured Management Interface.
---	29653	Too many SNMP Traps are sent at start-up.
---	30260	Factory Reset does not work when Partial Reset is disabled.
---	30528	MWI validation is more restrictive than SIP v5.0.
---	30800	CWMP - PPPoE connection is terminated at start-up if the CWMP service is started and the SNMP informs are enabled.
---	30890	The call waiting tone loops to state one even if Next State is set to nothing.
---	31025	HOC - Modifying the Host Name is not dynamic. The BNI service must be restarted.
---	31208	DHCP Script at start-up is not functional via DHCPv6.
---	31914	The unit does not un-register in SIP TLS when the SIPEP service or the unit is restarted. Therefore the unit does not unregister from the server.
---	32892	TLS Certificate Host Name Validation is not possible when using IPv6 link local IP addresses in all HTTPS file transfers.
---	32896	Hold/unhold is not functional in IPv6 link local.

Incident #	CR #	Description
---	32914	BNI - The <i>NetworkInterfacesPriority</i> parameter is not functional in IPv6 Auto-conf and duplication of IPv6 is possible.
---	33090	SIP keep-alive is not functional when using ping with an IPv6 link local address.
---	33705	Telif- Call Forward does not work with TLS.
---	34191	When the unit is configured in Bridge mode, it is not possible to create a VLAN on the LAN and Wan Network interfaces because they no longer exist; only the "wan-lan" network interface exists.
8773	34474	POS calls and data transmission fails.
8894	34583	FAX sent to the Unified Messaging system fails.
---	34811	The same event notification sent via SIP is sent as many times as there are Sip gateways but always for the same Sip Gateway.
---	34882	LAN card is lost when the LLDP Network Interface configuration changes from LAN1 to Uplink.
9222/10191	35148	POS calls fail when no there is no VAD attribute in SDP.
9309	35320	The Gateway does not terminate the call if it received CANCEL before 101 Trying.
---	35409	SIP Registration over a VLAN does not work.
---	36104	Web page access is lost during a long period (170 seconds) in certain setup scenarios.
---	36390	The 1024k file limit capacity is not detected on units that support the Log To File feature. This can lead to unwanted behaviours.
---	36556	Diagnostic Traces are still present even if the <i>Diagnostic Traces</i> parameter is disabled. Traces will no longer be displayed only if the SBC service is restarted.
10619	36582	Mediatrix 3631 or 4124 fails to get the correct time/date from the NTP after a power cycle or restarting the unit.
---	36610	The calling party sometimes loses audio.
---	36641	In DHCP packets, a slash (\) is removed from the TFTP Server Name and Bootfile Name.
---	36670	Deleting multiple rules at the same time via UME results in the wrong rules being deleted.
---	36678	Authentication can not be configured on more than 20 endpoints via CWMP.
---	36852	An unexpected result occurred on the Mediatrix C731 using a third party server, TLS and IPv6.
---	36859	When registered endpoints are removed, the Endpoints Registration Status table is not updated.
---	36928	The NAT service configuration is lost when the system is restarted i.e. the Destination NAT no longer exists. Therefore, calls can not be made through NAT.

Incident #	CR #	Description
---	36910	Music On Hold stops working when a new music file is uploaded without success.
---	36969	Unable to use IPv6 link type to send syslog.

ISDN Interfaces Specific Issues/Limitations

Incident #	CR #	Description
8954	34684	Mediatrix CPG with firmware version Dgw 2.0.24.402 is not synchronized at all.
8999	34789	No notify ISDN link down during the boot up when the unit is rebooted. The administrator never receives a LINK DOWN message if the unit is restarted. Therefore, if for any reason the ISDN or the unit does not start-up properly, the administrator will never know that they are not working.

BRI Interfaces Specific Issues/Limitations

Incident #	CR #	Description
8954	34684	IP Synchronisation problem – Slave CPG Mediatrix with firmware Dgw 2.0.24.402 is not synchronized at all.

PRI (E1/T1) Interfaces

Incident #	CR #	Description
---	25600	E1 interface: The restart flag is not sent even if the R2 service needs to be restarted.
---	35355	Mediatrix 3632 – With 60 simultaneous calls, refreshing the web page may affect the voice quality.

FXS Interface Specific Issues/Limitations

Incident #	CR #	Description
8908	25703	There is no current drop measured with 3rd party test equipments when doing a lock on FXS ports. The power drop on idle-unusable FXS endpoint feature is not yet supported.
---	29209	The CCBS service cannot be deactivated if the CCNR <i>Activation Via Handset</i> parameter is not enabled.
---	30168	Pots - Bypass is still activated after restarting the unit when the bypass activation mode is set to PowerDown .

Incident #	CR #	Description
---	35693	FXS Bypass - Power Off mode always sets the unit in Bypass but the status line still displays Idle .

7Fxs1Fxo Interfaces Specific Issues/Limitations

Incident #	CR #	Description
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FXO Interfaces Specific Issues/Limitations

Incident #	CR #	Description
---	29754	UK1 Caller-ID is not detected.
---	29755	Brazil1 Caller-ID is not detected

Mediatrix Sentinel Specific Issues/Limitations

Incident #	CR #	Description
---	36471	It is not possible to perform more than 4 simultaneously conferences on FXS.
---	36569	The IP addresses for both wan and lan ports are the same even if their MAC addresses are different.
---	36627	<i>Log received traffic</i> can only be enabled in inbound rules. This action should not be currently used in the outbound rules.
---	36659	When a file is imported to the Sentinel unit, the character codes \n (new line) are removed from the file.
---	36778	The <i>Sbc.RegistrationAgent.Contact</i> parameter is configurable through a static string. However, this contact is usually the address of a Call Agent. If the address of the Call Agent changes, the value of the <i>Sbc.RegistrationAgent.Contact</i> parameter must be changed manually.
---	36741	It is possible to use a file name longer than 48 characters in the SBC editor but after, the file cannot be used.
---	36775	The <i>Sbc.NbActiveCalls</i> parameter (current number of active calls handled by the SBC) is not yet supported.
---	36849	Unable to authenticate to the Radius server.
---	36867	If using Drop as the default policy for the local firewall (Network/Local Firewall), the 169.254.0.0/16 rule must be added for the FXS port to work correctly .

Incident #	CR #	Description
---	36844	The partial reset may become unusable. If this is the case, the unit will need to be restarted.



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