



Latest Release Notes

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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.

Your Product Version

Your Product Version

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	• 1 WAN + 4 LAN Gigabit Ethernet • 8 slots for telephony cards • 3 SBC session licenses
Telephony Cards (optional)	• PRI Port card (004-00096-00) • 4 x FXS Ports card (004-00085-00) • 4 x FXO Ports card (004-00087-00) • DSP card (needed when using FXS, FXO or BRI) • 2 x BRI card (available soon)
SBC Licenses	• Individual sessions • 10 session package • 100 session package • Transcoding (available soon) • Voice Recording (available soon) • WebRTC gateway (available soon)

Mediatrix 3000 Series Gateway

The Mediatrix 3000 Series Gateways allow enterprises to lower communication costs over any IP link. The platform supports ISDN E1 and T1-PRI telephony interfaces, ISDN BRI interfaces, as well as analog FXS/FXO interfaces. They provide an ideal solution for enterprise voice applications or for connecting to a service provider's broadband access.

Mediatrix Number	Interfaces
Mediatrix 3208	1 card with 6 FXO and 2 FXS ports

Mediatrix Number	Interfaces
Mediatrix 3216	2 cards with each 6 FXO and 2 FXS ports
Mediatrix 3308	1 card with 1 FXO and 7 FXS Lines
Mediatrix 3316	2 cards with each 1 FXO and 4 FXS Lines
Mediatrix 3404	5 BRI ports
Mediatrix 3408	10 BRI ports
Mediatrix 3531	1 T1-PRI port
Mediatrix 3532	2 T1-PRI ports
Mediatrix 3621	1 fractional E1-PRI port
Mediatrix 3631	1 E1-PRI port
Mediatrix 3632	2 E1-PRI ports
Mediatrix 3716	1 card with 6 FXO and 2 FXS ports plus 1 card with 7 FXS port and 1 FXO ports
Mediatrix 3731	1 card with 1 FXO and 7 FXS ports plus 1 card with 1 T1/E1 PRI port
Mediatrix 3732	1 card with 6 FXO and 2 FXS ports and 1 card with 1 T1/E1 port
Mediatrix 3734	1 card with 1 T1/E1 PRI port and 1 card with 5 BRI ports
Mediatrix 3741	1 card with 1 FXO and 7 FXS ports plus one card with 5 BRI ports
Mediatrix 3800	1 Intel card
Mediatrix 3801	1 Intel card and 1 card with 1 FXO and 7 FXS ports
Mediatrix 3802	1 Intel card and 1 card with 6 FXO and 2 FXS ports
Mediatrix 3803	1 Intel card and 1 card with 5 BRI ports
Mediatrix 3804	1 Intel card and 1 card with 1 T1/E1 PRI port

Mediatrix 4100 Series Gateways

The Mediatrix 4100 Series products are high-quality and cost-efficient VoIP gateways connecting larger branch offices and multi-tenant buildings or small offices to an IP network, while preserving the investment made in analog telephones and faxes. The Mediatrix 4100 access devices allow service providers to rapidly and economically deploy their solutions in medium-size premises or SOHOs and they are the ideal solution for branch office connectivity to larger private networks.

Model	Interfaces
Mediatrix 4102	2 analog FXS ports
Mediatrix 4104	4 analog FXS ports

Model	Interfaces
Mediatrix 4108	8 analog FXS ports
Mediatrix 4116	16 analog FXS ports
Mediatrix 4124	24 analog FXS ports

Mediatrix 4400 Series Digital Gateways

The Mediatrix 4400 Series Digital Gateways allow enterprises to lower communication costs over any IP link. The platform features ISDN BRI interfaces, providing an ideal solution for enterprise voice applications or for connecting to a service provider's broadband access

Model	Interfaces
Mediatrix 4401	1 BRI port
Mediatrix 4401plus	1 BRI port
Mediatrix 4402	2 BRI ports
Mediatrix 4402plus	2 BRI ports
Mediatrix 4404	4 BRI ports

Mediatrix C7 Series Gateways

The Mediatrix C7 Series access devices are multi-function devices combining a VoIP Analog Adapter, a Gateway and QoS control in a secure and powerful platform. The Mediatrix C7 Series also allows enterprises, service providers, and system integrators to deploy secure systems and generate additional revenue streams.

Model	Interfaces
Mediatrix C710	4 FXS ports
Mediatrix C711	8 FXS ports
Mediatrix C730	4 FXO ports

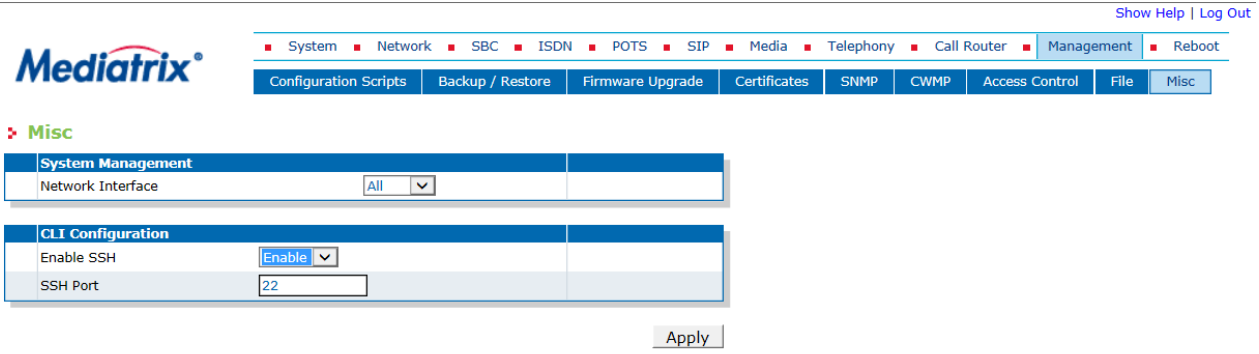
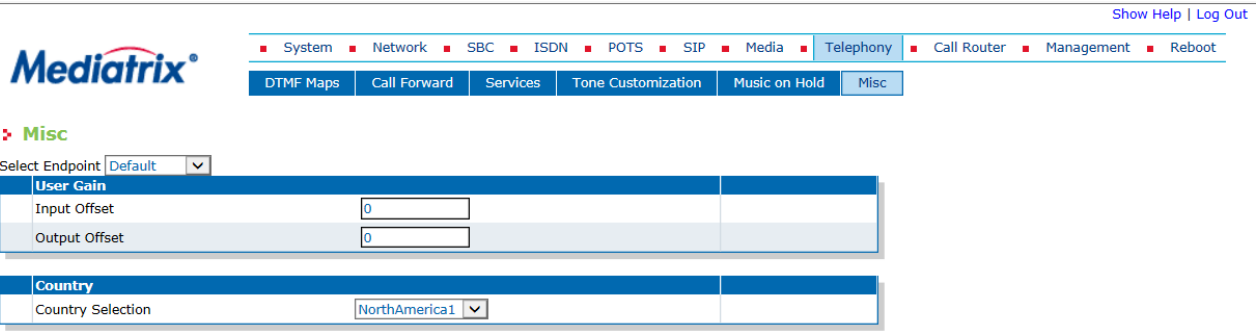
Model	Interfaces
Mediatrix C733	8 FXO ports
Mediatrix C731	4 FXO and 4 FXS ports

Mediatrix LP Series

The Mediatrix LP Series access devices are high-quality and cost efficient VoIP gateways connecting larger branch offices and multi-tenant buildings to an IP network, while preserving the investment made in analog telephones and faxes. They offer features such as 60 VRMS ringing voltage, 2 kilometer loop distance and integrated secondary lightning protection, allowing the connection to external phone line cables.

Model	Interfaces
Mediatrix LP 16	16 analog FXS ports
Mediatrix LP 24	24 analog FXS ports

New Functionalities

Incident #	CR #	Synopsis	Applies To
Description			
IN 11529	DGW-3684	Create new profile for Mediatrix 4102S, Mediatrix C710, and Mediatrix C711 units.	Mediatrix 4102S, Mediatrix C710, and Mediatrix C711
A new profile for Mediatrix 4102S, Mediatrix C710, and Mediatrix C711 units was created.			
---	DGW-2534	Product name must be shown in the TR-069 DeviceInfo.SoftwareVersion parameter for specific profiles.	all
Product name and hardware version are appended to the software version in TR-069 DeviceInfo.SoftwareVersion parameter for specific customer profiles only.			
---	DGW-2525	Add SSH port and gains to the web page.	Web pages
Added the SSH configuration to the Management/Misc Web page and Customization User Gain configuration to the Telephony/Misc Web page.			
			
			
IN 11925	DGW-2462	Support the G.723.1 codec on Mediatrix G7 and Sentinel units.	all
The G.723.1 codec is supported on Mediatrix Sentinel and G7 units.			

Incident #	CR #	Synopsis	Applies To
Description			
---	DGW-2193	The Bni-NetworkInterfacesStatus table is not available with TR-069.	all
Added the Bni-NetworkInterfacesStatus table with TR-069 and allowed passive notifications for InterfaceStatus, LinkName, IpAddr, and DefaultRouter infos.			
IN 10077	DGW-500	Need to be able to configure the same audio ports for SRTP and RTP in the SDP.	SRTP
When the secure with Fallback protocol is configured and the Mipt.IpTransportSrtpBasePort parameter is set to 0, the unit will use the same audio ports in the SDP offer when using SRTP and RTP.			

Modified Features, Functionalities and Interface Modifications

Incident #	CR #	Synopsis	Applies To
Description			
---	DGW-2219	Normally a second early dialog with a different to-target cannot be sent after a first one is received on the same call ID.	SBC
The new "Reset dialog by 1xx replies" Ruleset action was added to support situations where the first early dialog received (i.e.: When a transfer has occurred.) needs to be replaced.			
---	DGW-2205	Add 8 Gb RAM support for Mediatix Sentinel.	all
Following parameters return new computed values: • Dcm.PersistentMemoryTotal • Dcm.PersistentMemoryInUse • Dcm.VolatileMemoryTotal • Dcm.VolatileMemoryInUse			
---	DGW-2193	The Bni-NetworkInterfacesStatus table is not available with TR-069.	all
The Bni-NetworkInterfacesStatus table is now supported by the Cwmp service.			
---	DGW-1877	Local time returned by the Cwmp service is in UTC time format instead of being in local time format.	Cwmp service
1. Device.Time.CurrentLocalTime parameter is now in local time format. 2. Hoc.StaticTimeZone, when set, also sets the system time zone used by Cwmp service			
---	DGW-1354	The Eth Links.VirtualSwitch parameter can be enabled on a device without the Virtual Machine service.	Eth
The Virtual Switch field on the Interfaces web page (Network/Interfaces) is now disabled (greyed out) when the Virtual Machine service is not supported.			

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