

Delta Document from Mediatrix 4400 to C7 Series

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Mediatrix C7 Series

The Mediatrix C7 Series gateways combine a VoIP Analog Adaptor and Media Gateway in a secure and reliable platform featuring FXS, FXO, and BRI interfaces.

The Mediatrix C7 Series offers the most price effective solution for branch offices and SMBs, ensuring a simple and transparent connection to the PSTN and analog terminals such as telephones, modems, and fax machines. Mediatrix platforms are fully interoperable with the major IP-Phone manufacturers, softswitches, and Cloud Communications services across the globe.

Model	Ports
Mediatrix C720h	1 BRI port
Mediatrix C720	2 BRI ports
Mediatrix C721	2 BRI + 4 FXS ports
Mediatrix C725	2 BRI + 2 FXS ports
Mediatrix C740	4 BRI ports
Mediatrix C741	4 BRI + 4 FXS ports
Mediatrix C745	4 BRI + 2 FXS ports

Differences Between the Mediatrix 4400 Series and the Mediatrix C7 Series

Mediatrix 4400 Series	Mediatrix C7 Series
Clock Precision	
+/- 20 ppm at 25°C	+/- 10 ppm at 25°C
Supported Codecs	
The following codecs are supported: • G.711 • G.726 • G.729 • G.722 • G.723.1	• G.711/G.726/G.729 are supported • G.722 is not yet supported • G.723.1 has a limited support
Options	
• Power feeding for ISDN phones • Bypass on power failure • Power Over Ethernet (PoE)	• No power feeding option • No bypass option • Power Over Ethernet (PoE) as an external adapter
Endpoint Names	
Bri1 Bri2 Bri3 Bri4	BRI1 BRI2 BRI3 BRI4
Software Features	
No local survivability	With local survivability
Support for Log to file in the Event Log	No support for Log to File in the Event Log
Packaging	
1 x 7' Eth cable	No Eth cable
1 x 7' BRI cable per BRI port	No BRI cable

DGW Documentation

Mediatrix devices are supplied with an exhaustive set of documentation.

Mediatrix user documentation is available on the [Media5 Documentation Portal](#).

Several types of documents were created to clearly present the information you are looking for. Our documentation includes:

- **Release notes:** Generated at each GA release, this document includes the known and solved issues of the software. It also outlines the changes and the new features the release includes.
- **Configuration notes:** These documents are created to facilitate the configuration of a specific use case. They address a configuration aspect we consider that most users will need to perform. However, in some cases, a configuration note is created after receiving a question from a customer. They provide standard step-by-step procedures detailing the values of the parameters to use. They provide a means of validation and present some conceptual information. The configuration notes are specifically created to guide the user through an aspect of the configuration.
- **Technical bulletins:** These documents are created to facilitate the configuration of a specific technical action, such as performing a firmware upgrade.
- **Hardware installation guide:** They provide the detailed procedure on how to safely and adequately install the unit. It provides information on card installation, cable connections, and how to access for the first time the Management interface.
- **User guide:** The user guide explains how to customise to your needs the configuration of the unit. Although this document is task oriented, it provides conceptual information to help the user understand the purpose and impact of each task. The User Guide will provide information such as where and how TR-069 can be configured in the Management Interface, how to set firewalls, or how to use the CLI to configure parameters that are not available in the Management Interface.
- **Reference guide:** This exhaustive document has been created for advanced users. It includes a description of all the parameters used by all the services of the Mediatrix units. You will find, for example, scripts to configure a specific parameter, notification messages sent by a service, or an action description used to create Rulesets. This document includes reference information such as a dictionary, and it does not include any step-by-step procedures.

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