



i This reference is for integrators and ARC operators who configure TWIG Eon devices directly from their own MPTP server, without using the TWIG Point Remote Configurator. It describes the configuration items (CNF items) supported by the Eon firmware and the MPTP Gateway, their valid values, and practical guidance on how to use them.

References

1	MPTP protocol specification	Version 4.9
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How MPTP configuration works

Configuration is delivered to the device using the MPTP `?CNF` command, using the same format with other Twig devices. For the `?CNF` command syntax, refer to [Ref 1].

Minimum version requirements

Component	Minimum version	Notes
Eon firmware	v6.19.1 (v6.23.0 recommended)	v6.19.1 required for CNF items listed in this document. v6.23.0 has some bug fixes (refer to Eon Rel2.1 release notes), and also is the minimum version for EonD.
MPTP Gateway	v1.6.0 or later	

Getting started with MPTP only configuration

This section describes the minimum settings for taking TWIG Eon into use with MPTP configuration only. The procedure below assumes that the Eon to be configured is already

connecting with the server used for sending the MPTP configuration.

All configurations listed below are made with ?CNF message, using the standard command syntax described in [Ref 1]

Localization and user interface settings (optional)

Item #	Name	Values	Description
2069	Language	Refer to [Ref 1]	Language used in the device user interface
5100	Time zone	Refer to [Ref 1]	Local time zone
2030	Volume	1-5	Device speaker volume
2034	User interface mode	0 Normal (default) 1 Silent 2 Stealth	

Position reporting permissions (optional)

Item #	Name	Values	Description
2028	Position reporting enabled	0 disabled (default) 1 enabled	Enables position reporting of the device
2029	SOS position reporting enabled	0 disabled (default) 1 enabled	Enables SOS position reporting. This permission is used for reporting a position when the SOS button is pressed.

Call configuration (optional)

Item #	Name	Values	Description
2004	Incoming call whitelisting	0 disabled 1 enabled (default)	Allows incoming calls from the contact list numbers only

2017	Avoid answering machines	0 disabled (default) 1 enabled	The receiving party must accept the open phone line by pressing the number announced via the voice line
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Contact list (optional)

Item #	Name	Values	Description
5000 (index 1) 5010 (index 2) 5020 (index 3) 5030 (index 4) 5040 (index 5) 5050 (index 6) 5060 (index 7) 5070 (index 8)	Contact name	String	Name of the corresponding contact (separate item # for each contact list item)
5001 5011 5021 5031 5041 5051 5061 5071	Phone number	Phone number in international format	
5002 5012 5022 5032 5042 5052 5062 5072	Help request	0 off (default) 1 on	If set to 1, includes the contact into the recipient list of the SOS cycle.

5003	Hidden contact	0 off (default)	If set to 1, does not show the contact in the phonebook (only incoming calls allowed).
5013		1 on	
5023			
5033			
5043			
5053			
5063			
5073			

Device activation (mandatory)

This setting is mandatory for device activation. It is recommended to first configure all the optional settings listed above and set the activation only after that. This way all the configuration will be loaded to the device first and the device is activated only when all the settings have already been written.


Item #	Name	Values	Description
2064	Device functionality mode	1 Active 2 Standby 3 Shutdown	Sets the mode of the device. This setting must be Active (1) for activating the device.

Other settings supported by Eon

These settings are shared with other Twig devices. Refer to [Ref 1] for details of the configuration settings.

Item #	Name	Notes
2501	MPTP ID	
2007	Automatic answer	
2027	Tracking mode	
2151	Automatic answer delay	
2065	Display brightness	

2301	SOS event type	Supported values: 1, 2
2442	No Alarm duration	
2443	Pre alarm duration	
2509	Reconnect interval	
2510	Connection mode	
2514	Hearbeat interval	
2542	Use forced GPRS acknowledge	
2515	Default Server IP name	
2516	Default Server port	
2518	Default server secure	
2520	INF Server IP name	
2521	INF Server port	
2523	INF server secure	
2525	EMG Server IP name	
2526	EMG Server port	
2528	EMG server secure	
2441	Man down Sensor usage	
2118	Menu key item 1	Supported values: 0, 2, 5
2119	Menu key item 2	Supported values: 0, 2, 5

 The scope of MPTP-configurable items is expanding with each firmware and gateway release - latest items will be added to this list to correspond with the specific firmware version.

Support & further information

For questions about MPTP integration, item values not listed here, or version compatibility, contact Twig support at support@twigcom.com or through your account manager.