

ITxPT

ITxPT Module Labeling Report

REPORT ID

20241029-0213

DATE

23/06/2025

COMPANY

MOXA

TESTER

ITxPT laboratory manager

SPECIFICATION

S01 - S02P00 to S02P09 (Sequoia Release)

TOOLS USED FOR THE TEST

ITxPT Laboratory



Module configuration tested by ITxPT laboratory						
Manufacturer		Model	Hardware version		Software version	Unique Identifier
MOXA		SecureGW	revisionA		2.0.0	securegw-ixtpt
Hardware interfaces						
Interface name		Provided status	Implementation level			
Power supply		✓	Permanent, Ignition, SLEEP management			
Ethernet		✓	8 Native M12 X-coded female			
FMS		N/A	Optional ground			
Wireless communications		✓	10 GSM Fakra Code D male bordeaux, 3 GPS Fakra Code C male blue, 2 WLAN Fakra Code I male beige			
Audio		N/A	Stereo, mono, Driver, Passenger, External			
Auxiliary		✓	Low battery			
Implemented services						
Service		Operation	Provided status	Provided type	Consumed status	Consumed type
Module Inventory			✓	ixtpt_socket	N/A	ixtpt_socket <i>and/or</i> ixtpt_http
Time			✓	sntp	N/A	sntp
GNSS Location			✓	ixtpt_multicast	N/A	ixtpt_multicast
FMS to IP	Provision		N/A	ixtpt_multicast	N/A	ixtpt_multicast
	Configuration		N/A	ixtpt_http	N/A	ixtpt_http
VEHICLEtoIP			N/A	ixtpt_multicast	N/A	ixtpt_multicast
AVMS	Run Monitoring		N/A	ixtpt_http	N/A	ixtpt_http
	Planned Pattern		N/A		N/A	
	Pattern Monitoring		N/A		N/A	
	Vehicle Monitoring		N/A		N/A	
	Journey Monitoring		N/A		N/A	
	General Message		N/A		N/A	
	Connection Monitoring		N/A		N/A	
APC	Passenger door count		N/A	ixtpt_http	N/A	ixtpt_http
	Passenger vehicle count		N/A		N/A	
MADT	MADT information		N/A	ixtpt_socket	N/A	ixtpt_socket
	Play a sound		N/A		N/A	
	Read settings		N/A		N/A	
	Write settings		N/A		N/A	
	Stop the MADT Service		N/A		N/A	
	Restart the MADT Service		N/A		N/A	
	Retrieve MTS characteristics		N/A		N/A	
	Create a Web tab		N/A		N/A	
	Create a VNC tab		N/A		N/A	
	Create a shortcut		N/A		N/A	
	Navigate to given URI		N/A		N/A	
	Blink a tab		N/A		N/A	
	Activate a tab		N/A		N/A	
	Remove a tab		N/A		N/A	
	Remove a shortcut		N/A		N/A	
	I am alive		N/A		N/A	
	Get tabs mapping		N/A		N/A	
	Get shortcuts		N/A		N/A	
MQTT			N/A	mqtt	N/A	mqtt

DISCLAIMER	Module manufacturer shall declare any change impacting the result of one or several tests for each module configuration using the " declaration of change " file available on ITxPT documentation center. The consumption status is based primarily on the module manufacturer's declaration, since laboratory tests can only partially assess service consumption. The manufacturer hereby guarantees that its module is fully capable of consuming, i.e., subscribing to, receiving and processing data from services provided by another ITxPT-compliant module
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