



ITxPT Module DC Report

REPORT ID	20211018-102DC1
DATE	2023-11-14
COMPANY	INDRA
TESTER	ITxPT Le Mans Lab
SPECIFICATION	S02P01 and S02P06 v2.1.1
TOOLS USED FOR THE TEST	ITxPT Laboratory

Module configuration tested by ITxPT laboratory

Manufacturer	Model	Hardware version	Software version	Unique Identifier
Indra	Nautalite	revision 3	1.0.0	nautalite3 S/N : 2300

Other module configurations included in the label as declared by IT supplier

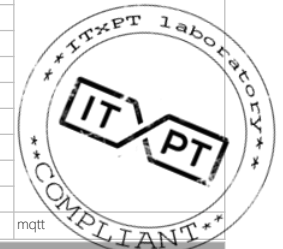
Manufacturer	Model	Hardware version	Software version

Hardware interfaces

Interface name	Provided status	Implementation level
Power supply	N/A	Permanent, Ignition, Main switch, Full power, SLEEP management
Ethernet	N/A	Native or cable end, number and type of port
FMS	N/A	Optional ground
Wireless communications	N/A	GSM, GPS, WLAN
Audio	N/A	Stereo, mono, Driver, Passenger, External
Auxiliary	N/A	Low battery, Odometer, Doors, AnyDoorOpen, Awake request, Stop request, Full power

Implemented services

Service	Operation	Provided status	Provided type	Consumed status	Consumed type
Module Inventory		✓	itxpt_socket or itxpt_http	N/A	itxpt_socket and/or itxpt_http
Time		N/A	sntp	N/A	sntp
GNSS Location		N/A	itxpt_multicast	N/A	itxpt_multicast
FMS to IP	Provision	N/A	itxpt_multicast	N/A	itxpt_multicast
	Configuration	N/A	itxpt_http	N/A	itxpt_http
VEHICLEtoIP		N/A	itxpt_multicast	N/A	itxpt_multicast
AVMS	Run Monitoring	✓	itxpt_http	N/A	itxpt_http
	Planned Pattern	✓		N/A	
	Pattern Monitoring	✓		N/A	
	Vehicle Monitoring	✓		N/A	
	Journey Monitoring	✓		N/A	
	General Message	✓		N/A	
	Connection Monitoring	✓		N/A	
APC	Passenger door count	N/A	itxpt_http	N/A	itxpt_http
	Passenger vehicle count	N/A		N/A	
MADT	MADT information	N/A	itxpt_socket	N/A	itxpt_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



COMMENT

This is a declaration of change test for the addition of AVMS. Only the AVMS and inventory were tested by ITxPT. All other services were tested as part of the initial label. Module manufacturer commits that no change were made to those initial services
 Module manufacturer commits that all mandatory tests compliant for the module configuration tested are the same implemented in all module configurations declared as included in the label.
 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.