



ITxPT Module Labeling Report

REPORT ID	20231017-0151
DATE	16/04/2024
COMPANY	Magnetic North
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
Magnetic North	APC B10-20	V1.0	D1.42.240416	202413001999

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

Manufacturer	Model	Hardware version	Software version
N/A	N/A	N/A	N/A

Hardware interfaces

Interface name	Provided status	Implementation level
Power supply	✓	Permanent, Ignition, SLEEP management
Ethernet	✓	Ethernet adaptor cable, 8 pin X-coded, male pinning and housing,
FMS	N/A	Optional ground
Wireless communications	✓	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		✓	ibxpt_http	N/A	ibxpt_socket and/or ibxpt_http
Time		✓	sntp	N/A	sntp
GNSS Location		✓	ibxpt_multicast	N/A	ibxpt_multicast
FMS to IP	Provision	N/A	ibxpt_multicast	N/A	ibxpt_multicast
	Configuration	N/A	ibxpt_http	N/A	ibxpt_http
VEHICLEtoIP		N/A	ibxpt_multicast	N/A	ibxpt_multicast
AVMS	Run Monitoring	N/A	ibxpt_http	N/A	ibxpt_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	
APC	Connection Monitoring	N/A	ibxpt_http	N/A	ibxpt_http
	Passenger door count	N/A		N/A	
	Passenger vehicle count	✓		N/A	
MADT	MADT information	N/A	ibxpt_socket	N/A	ibxpt_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

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.



ITxPT lab
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