



ITxPT Module Labeling Report



REPORT ID	20240416-0186
DATE	24/01/2025
COMPANY	R2P
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
R2P	R016X1FX03 - Rekorder R16-X SLIM	REV.7	1.6.57.rc	R16S-00264E210BE0

Hardware interfaces

Interface name	Provided status	Implementation level
Power supply	✓	Permanent, Ignition
Ethernet	✓	Native M12 4 pins female
FMS	N/A	
Wireless communications	N/A	
Audio	N/A	
Auxiliary	N/A	

Implemented services

Service	Operation	Provided status	Provided type	Consumed status	Consumed type
Module Inventory		✓	ibxpt_http	✓	ibxpt_socket and ibxpt_http
Time		N/A		✓	sntp
GNSS Location		N/A		✓	ibxpt_multicast
FMS to IP	Provision	N/A		N/A	ibxpt_multicast
	Configuration	N/A		✓	ibxpt_http
VEHICLEtoIP		N/A		✓	ibxpt_multicast
AVMS	Run Monitoring	N/A		✓	ibxpt_http
	Planned Pattern	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		N/A	
	Passenger door count	N/A		N/A	
MADT	Passenger vehicle count	N/A		N/A	
	MADT information	N/A		N/A	
	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		N/A	

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

