Telstra M2M/IoT Certified Modules and Devices

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Listed below are the Wireless Embedded Modules and Integrated Devices that have been certified for use on the Telstra Mobile Network since 2015. The devices in this listing have been certified to Telstra's guidelines and mandatory criteria. These guidelines ensure that RCM and ACMA regulatory requirements are met and devices are successfully tested through the Telstra M2M Device Certification Program.

Telstra intends that its 3G service will remain until at least 2020. Full or partial geographic closure may occur any time after 2020, but would be unlikely before 2022. In any case we will provide a reasonable notice period of any shutdown activities that would impact end customers. Full closure is most certainly expected well before 2030. So somewhere between 2020 and 2030 the 3G service will be shut down but precisely when has not yet been decided.

Therefore, Telstra requires all new M2M cellular capable devices to support 4G-LTE (and VoLTE if voice is required). Any request for 3G only device certification is by commercial exemption only. 4G presents several unique technological improvements that provide significant benefits to M2M operators such as much greater network capacity and efficiency, and greater in-building penetration when 4GX B28 is supported.

Regarding radio band support, Telstra's major 4G coverage bands are band 28 and 3, and major 3G coverage band is band 5, so any device choice should include at least these bands (see Telstra's network coverage map). All modules and devices certified need to support remote firmware upgrade capability. For questions and certification requests please contact TelstraWirelessM2MHardware@team.telstra.com.

Certified 4G Embedded Modules

Vendor	Model Number	Type	Network Support
LTE Cat 9			
Foxconn	T77W676	Embedded module	4GX + 3G
LTE Cat 6			
Sierra Wireless	MC7430/EM7430	Embedded module	4GX + 3G
Gemalto	PLAS9-W	Embedded module	4GX + 3G
LTE Cat 4			
Foxconn	T77W595	Embedded module	4GX + 3G
Huawei	ME906s-158	Embedded module	4GX + 3G
Quectel	SC20-AU	Embedded module	4GX + 3G
Sierra Wireless	HL7549	Embedded module	4GX only
Telit	LE910-AU V2	Embedded module	4GX only
LTE Cat 3			
Sierra Wireless	MC7304/5	Embedded Module	4G + 3G
Sierra Wireless	MC7305	Embedded Module	4G + 3G
LTE Cat 1			
Quectel	EC21-AUT	Embedded module	4GX + 3G
Gemalto	ELS61-AUS	Embedded module	4GX + 3G
Sierra Wireless	HL7650	Embedded module	4GX + 3G
Telit	LE910C1-AP	Embedded module	4GX + 3G
LTE Cat M1			
Telit	ME910C1-AU	Embedded Module	4GX
Quectel	BG96	Embedded Module	4GX
U-Blox	SARA-R410M-02B	Embedded Module	4GX
SIMCom	SIM7000E	Embedded Module	4GX

Certified 4G Integrated Devices

Device Category	Vendor	Model Number	Network Support	Image
Building resources monitoring device	Buddy	Buddy Ohm 100	4GX+3G, Cat 4	
Communication terminal for smart meter	ETM	Purple2 4G-AUS	4GX + 3G, CAT1	
Gateway	Accelerated	6300-CX05	4GX+3G, Cat 6	
Gateway	Cisco	NIM-4G-LTE-GA / ISR4K	4G + 3G, CAT3	
Gateway	Cisco	EHWIC-4G-LTE-AU / 1921 / 2901	4G + 3G, CAT3	
Gateway	Cisco	IR829GW-LTE-GA-ZK9 IR829GW-LTE-LA-ZK9	4G + 3G, CAT3	
Gateway	Cisco	C819-4G-GA-K9	4G + 3G, CAT3	
Gateway	Cisco	C819GW-LTE-LA-NK9	4GX + 3G, CAT4	
Gateway	Cisco	C819-LTE-LA-K9	4GX + 3G, CAT4	

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Device Category	Vendor	Model Number	Network Support	Image
Gateway	Cisco	IR809G-LTE-LA-K9 IR809G-LTE-GA-K9	4GX + 3G, CAT4	
Gateway	Cisco	EHWIC-4G-LTE-LA / 1921 / 2901	4GX + 3G, CAT6	
Gateway	Cisco	**ISR1100** C1117-4PLTELAWZ C1111-8PLTELA C1111-4PLTELA C1117-4PLTELA C1111-8PLTELAWZ	4GX + 3G, CAT6	
Gateway	Cradlepoint	IBR1100/1150	4G + 3G, CAT3	
Gateway	Cradlepoint	IBR900/950	4GX + 3G, CAT6	
Gateway	Netcomm	NTC-140-02	4G + 3G, CAT3	
Gateway	Netcomm	NTC-402	4G + 3G, CAT6	
Gateway	Sierra Wireless	GX450	4G + 3G, CAT3	
Gateway	Sierra Wireless	MP70	4GX + 3G, CAT6	
Gateway	Sierra Wireless	RV50x	4GX + 3G, CAT6	
Industrial Data Modem	EDMI	TLM400	4GX Only, Cat M1	

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Device Category	Vendor	Model Number	Network Support	Image
Industrial Data Modem	EDMI	EWM410	4GX + 3G, CAT 1	
Industrial Data Modem	Landis+Gyr	E35C-LTE1	4GX+3G, Cat 1	
Rugged PDA / Scanner	Honeywell	CT50	4G + 3G, CAT4	
Rugged PDA /Scanner	Zebra	TC56DJ	4GX + 3G, CAT4	
Rugged PDA /Scanner	Zebra	TC75FK	4GX + 3G, CAT4	
Security camera	Netgear	Arlo Go	4GX + 3G, CAT4	
Sensor probe device	Libelium	Plug & Sense! 4G AU	4GX only, CAT4	
Telematics / Vehicle Tracking	Advantech	T-TREK570	4G + 3G, CAT3	
Telematics / Vehicle Tracking	Fleet Complete	GNX-6/MGS800	4G + 3G, CAT1	
Telemetry Device	UHS	UC-400T	4G + 3G, CAT3	

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Device Category	Vendor	Model Number	Network Support	Image
USB modem	Cradlepoint	MC400PL5	4GX + 3G, CAT6	

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Certified 3G Integrated Devices

Device Category	Vendor	Model Number	Network Support	
EFTPOS tablet	Aevi	Albert MPT Rev10	3G	
EFTPOS tablet	Wincor	MTPT10 (Albert)	3G	
Gateway	Netcomm	NTC-6200-02	3G	
Gateway	Netcomm	NMC-1000	3G	
Mobile / IP alarm communicator	Permaconn	PM45V3	3G	
Personal Duress	Sec-Eng	EGIS 3G	3G	
Rugged PDA / Scanner	WARP	RP1300	3G	
Rugged PDA / Scanner	Zebra (Motorola Solutions)	MC67	3G	
Security alarm communicator	UHS	UC-331	3G	
Smart Meter	Landis+Gyr	U Series E350 with E35C-UxZGT 3G module	3G	

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Device Category	Vendor	Model Number	Network Support	
Telematics / Vehicle tracking	C-Track	MT1200 / UMT2245	3G	
Telematics / Vehicle tracking	C-Track	MT3060 / UMT2215	3G	
Telematics / Vehicle tracking	C-Track	IS 325/420/130-S2	3G	
Telematics / Vehicle tracking	C-Track	OB130 (Novatel MT3060)	3G	
Telematics / Vehicle tracking	Micronet	TREQ-VMx	3G	
Telematics / Vehicle tracking	Navman	Qube 50 (CalAmp LMU-3030)	3G	
Telematics / Vehicle tracking	Navman	Qtanium 200 (CalAmp TTU-2830)	3G	
Telematics / Vehicle tracking	Navman	Qube 300	3G	
Telematics / Vehicle tracking	Navman	iFace (N496N)	3G	
Telematics / Vehicle Tracking	Procon	NGPP3030	3G	
Telematics / Vehicle tracking	Procon	NG2500B	3G	
Telematics / Vehicle tracking	Procon	NGPP3030	3G	
Telematics / Vehicle tracking	Securatrak	GO7	3G	

Device Category	Vendor	Model Number	Network Support	
Telemetry data logger	HWM	Multi-log LX GPRS/3G	3G	
Telemetry Device	Sec-Eng	SED-64	3G	
Telemetry Device	Sec-Eng	SED-30	3G	
Vehicle Tracking Device	Fleet Complete	AT6	3G	

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