



Telstra M2M/IoT

Certified Cellular Devices

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. During the development phase, be mindful that the 4G devices will become lower in price especially with CAT M1 and/or NB1 technologies becoming available later in 2017.

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
4G (Cat-6, up to 300 Mbps DL & 50 Mbps UL)			
Sierra Wireless	MC7430/EM7430	Embedded module	4GX + 3G
4G (Cat-4, up to 150 Mbps DL & 50 Mbps UL)			
Foxconn	T77W595	Embedded module	4GX + 3G
Huawei	ME906s-158	Embedded module	4GX + 3G
Sierra Wireless	HL7549	Embedded module	4GX only
Telit	LE910-AU V2	Embedded module	4GX only
4G (Cat-3, up to 100 Mbps DL & 50 Mbps UL)			
Sierra Wireless	MC7304/5	Embedded module	4G + 3G





Vendor	Model Number	Type	Network Support
Sierra Wireless	EM7305	Embedded module	4G + 3G
4G (Cat-1, up to 10 Mbps DL & 5 Mbps UL)			
Gemalto	ELS61-AUS	Embedded module	4GX + 3G

Module roadmap

These modules align with Telstra's network roadmap and are targeted to be certified in coming months, subject to testing:

Vendor	Model Number	Type	Network Support
Sierra Wireless	HL7650	Embedded module	4GX + 3G, CAT 1
Telit	LE910C1-AP	Embedded module	4GX + 3G, CAT 1
Sierra Wireless	HL7749	Embedded module	4GX, CAT M1
u-blox	SARA-R410M	Embedded module	4GX, CAT M1/NB1
Quectel	BG96	Embedded module	4GX, CAT M1/NB1
Telit	ME910C1-AU	Embedded module	4GX, CAT M1/NB1


Certified 4G integrated devices

Vendor	Model Number	Type	Network Support	Image
Netgear	Arlo Go	Security camera	4GX + 3G, CAT4	
ETM	Purple2 4G-AUS	Communication terminal for smart meter	4GX + 3G, CAT1	
Zebra	TC56DJ	Rugged PDA / Scanner	4GX + 3G, CAT4	
Zebra	TC75FK	Rugged PDA / Scanner	4GX + 3G, CAT4	

Vendor	Model Number	Type	Network Support	Image
Libelium	Plug & Sense! 4G AU	Sensor probe device	4GX only, CAT4	
Cradlepoint	MC400PL5	USB modem	4GX + 3G, CAT6	
Sierra Wireless	MP70	Gateway	4GX + 3G, CAT6	
Sierra Wireless	RV50x	Gateway	4GX + 3G, CAT6	
Cisco	C819GW-LTE-LA-NK9	Gateway	4GX + 3G, CAT4	
Cisco	C819-LTE-LA-K9	Gateway	4GX + 3G, CAT4	
Cisco	EHWIC-4G-LTE-LA / 1921 / 2901	Gateway	4GX + 3G, CAT6	
Honeywell	CT50	Rugged PDA / Scanner	4G + 3G, CAT4	

Vendor	Model Number	Type	Network Support	Image
Cradlepoint	IBR1100/1500	Gateway	4G + 3G, CAT3	
Advantech	T-TREK570	Telematics / Vehicle tracking	4G + 3G, CAT3	
Sierra Wireless	GX450	Gateway	4G + 3G, CAT3	
Cisco	NIM-4G-LTE-GA / ISR4K	Gateway	4G + 3G, CAT3	
Cisco	EHWIC-4G-LTE-AU / 1921 / 2901	Gateway	4G + 3G, CAT3	
Cisco	IR829GW-LTE-GA-ZK9	Gateway	4G + 3G, CAT3	
Cisco	C819-4G-GA-K9	Gateway	4G + 3G, CAT3	
Netcomm	NTC-140-02	Gateway	4G + 3G, CAT3	
UHS	UC-400T	Telemetry communicator	4G + 3G, CAT3	

Certified 3G integrated devices

Vendor	Model Number	Type	Network Support	Image
Zebra (Motorola Solutions)	MC67	Rugged PDA / Scanner	3G	

Vendor	Model Number	Type	Network Support	Image
WARP	RP1300	Rugged PDA / Scanner	3G	
Landis+Gyr	U Series E350 with E35C-UxZGT 3G module	Smart meter	3G	
Sec-Eng	EGIS 3G	Personal duress	3G	
Netcomm	NTC-6200-02	Gateway	3G	
Netcomm	NMC-1000	Gateway	3G	
Permaconn	PM45V3	Mobile / IP alarm communicator	3G	
UHS	UC-331	Security alarm communicator	3G	
Aevi	Albert MPT10 Rev 10	EFTPOS tablet	3G	
Wincor	MTPT10 (Albert)	EFTPOS tablet	3G	

Vendor	Model Number	Type	Network Support	Image
HWM	Multi-Log LX GPRS/3G	Telemetry data logger	3G	
C-Track	MT1200 / UMT2245	Telematics / Vehicle tracking	3G	
C-Track	MT3060 / UMT2215	Telematics / Vehicle tracking	3G	
C-Track	IS 325/420/130-S2	Telematics / Vehicle tracking	3G	
C-Track	OB130 (Novatel MT3060)	Telematics / Vehicle tracking	3G	
Securatrak	GO7	Telematics / Vehicle tracking	3G	
Navman	Qube 50 (CalAmp LMU-3030)	Telematics / Vehicle tracking	3G	
Navman	Qtanium 200 (CalAamp TTU-2830)	Telematics / Vehicle tracking	3G	
Navman	Qube300	Telematics / Vehicle tracking	3G	
Procon	NG2500B	Telematics / Vehicle tracking	3G	
Micronet	TREQ-VMx	Telematics / Vehicle tracking	3G	