

Telstra Captis Environment Monitoring™



The IoT opportunity is big and is enabling transformation across many industries, giving business access to information and control. However, large scale deployment and management of devices can be challenging. With devices powered by the Telstra IoT network and platform, Telstra Captis Environment Monitoring delivers waste, water, air, soil and noise-monitoring solutions that turn data into real business advantage. Innovate with confidence at scale on Australia's largest IoT network.

How Telstra can help your business benefit from IoT

 <p>UTILITIES</p> <p>Water, Energy and Gas Improve resource management</p> 	 <p>INDUSTRY</p> <p>Mining and Manufacturing Improve safety and efficiency</p> 	 <p>COUNCILS</p> <p>Smart Cities Improve services</p> 	 <p>AGRICULTURE</p> <p>Livestock, Soil and Irrigation Optimise yield potential</p> 
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Telstra Captis Environment Monitoring – an affordable way to expand, extend and enrich your business insights.

Features

- CAT-M1 and NB-IoT certified device for use within LTE-M and NB-IoT coverage areas on the Telstra IoT Network.
- Firmware over the air.
- IP 68 Rated.
- Encrypted traffic via MQTTS.
- 5 years battery warranty.* (expected battery life of up to 10 years**)
- 3 device options: Telstra Captis Multi (6 inputs, 2 outputs), Telstra Captis Pulse/Telstra Captis Pulse Lite (2 digital inputs).
- Integrates with Telstra IoT Platform.

Benefits

- Scalable.
- Competitive upfront device costs and lower ongoing costs compared to current Telstra 3G technology options.
- Battery life optimised through power saving mode by using Telstra LPWAN technology.
- Extended coverage for challenging locations deeper in buildings and sub-surface areas when used within LTE-M and NB-IoT coverage areas on the Telstra IoT network.

* Battery warranty is dependent on a signal strength of -96dB (RSRP) and operating temperatures of -5°C to +45°C, with hourly reads and daily uploads to the network, up to 5KB per day utilizing the LTE-M and NB-IoT coverage on the Telstra IoT network.

** Battery life is dependent on a signal strength of -90dB (RSRP) and operating temperatures of -5°C to +45°C, with hourly reads and daily uploads to the network, up to 5KB per day utilizing the LTE-M and NB-IoT coverage on the Telstra IoT network and applicable for Telstra Captis Pulse and Telstra Captis Pulse Lite only.

Increased visibility for you and your customers will drive key business outcomes

Improve Operations	Optimize Assets	Enhance Services	Increase Engagement	Improve safety	Conserve Resources
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 For more information visit telstra.com/environmentmonitoring