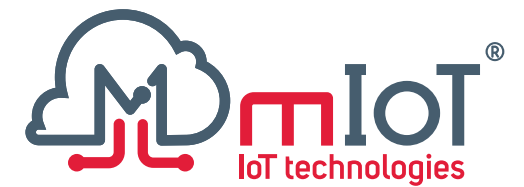




Your complete IoT monitoring
and measurement solution.

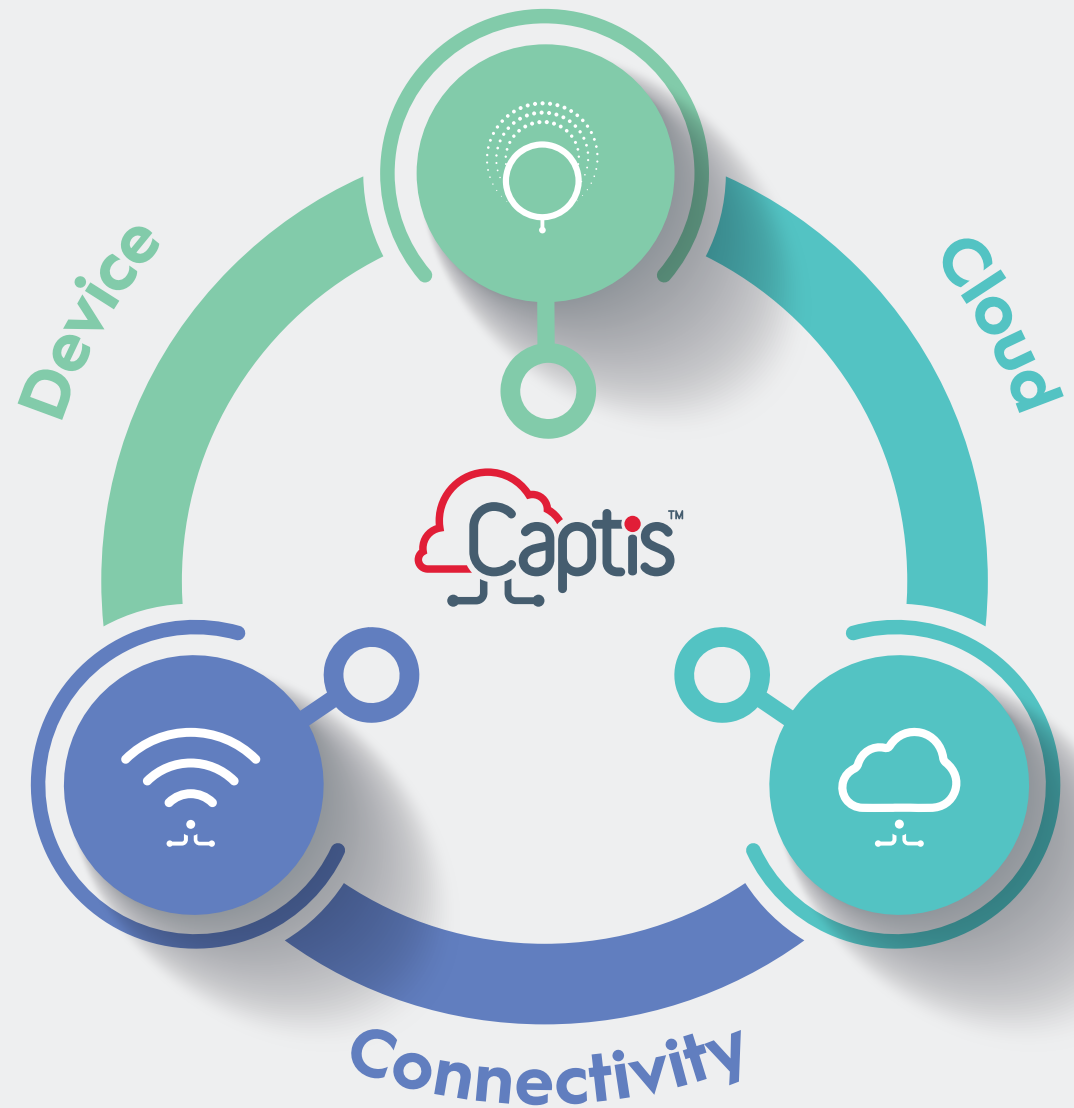
www.miot.com.au



Captis.

Your complete IoT monitoring and measurement solution.

The Internet of Things, or IoT, is a rapidly evolving technology offering smarter ways for businesses to measure, collect and share data. Captis is a complete IoT solution offering asset-to-asset communication and remote monitoring capability, allowing your business to easily maximise uptime, reduce operating costs, and improve sustainability.





One device for your IoT ecosystem.

A universal solution for remote monitoring and measurement over cellular networks, Captis data loggers can be connected to a variety of sensors, meters, and gauges for use across a range of industries. With connection to IoT networks (Cat-M1 and NB-IoT) and power options to suit any application, Captis has a battery life of up to 5,000 transmissions.

Standard Device Features

- Cellular connected (LTE-M1, NB1, NB2)
- Embedded SIM card
- Remotely configurable
- Supports Microsoft Azure IoT native integration
- Firmware updates over-the-air (FOTA)
- Tamper detection/protection
- Designed and manufactured in Australia

**5-YEAR**
PRODUCT WARRANTY
or 5,000 transmissions

Data logging intervals can be set to as little as every 15 minutes with the flexibility of lengthier interval options as needed, and critical alarm conditions can be established, meaning users are informed immediately when a set value is reached.

Compact and lightweight, each Captis device can be easily installed in any location, and with up to an IP68 rating, can withstand harsh elements and extreme temperatures.



VERSION
1.2

Captis Multi.

Ideal for
flow and pipe
pressure monitoring
in water distribution
networks



As the name suggests, the Captis Multi can connect to multiple sensors at the same time. This feature is ideal for extensive monitoring projects where multivariable data is required to be logged.

Features

- Sensor agnostic
- Multi-sensor connection
- Run all inputs simultaneously
- Built-in internal antenna
- External antenna capability for optimised signal strength (auto-switch)
- Battery powered
- Anti-tamper protection and optional security plate for additional security

Applications

- Pipeline Pressure Monitoring
- Water Quality Monitoring
- Flow Monitoring
- Dam/Weir Level Monitoring
- Soil Quality Monitoring
- Weather Stations
- Dust Monitoring
- Tank/Silo Level Monitoring
- Ambient Air Temperature Monitoring
- Humidity Monitoring
- Rail Track Temperature Monitoring
- Vibration Monitoring
- Cathodic Protection Monitoring
- Noise Level Monitoring
- Smart Relays & Protection Relays
- Weigh Scale Interfaces
- PLC/RTU Interfaces
- Magflow Meters



VERSION
1.2

Captis Pulse.

With all of the features of the Captis Pulse Lite, the Captis Pulse provides the added security of tamper protection for applications where the device is situated in a high-traffic location or can be easily accessed by others.

Features

- Sensor agnostic
- Run all inputs simultaneously
- Battery powered
- Built-in internal antenna
- External antenna capability for optimised signal strength (auto-switch)
- Anti-tamper protection and optional security plate for additional security

Applications

- Digital water metering
- Irrigation monitoring
- Sump, sewer and drain level monitoring
- Tank/silo level monitoring
- Dam/weir level monitoring



Captis Pulse Lite.

Sensor agnostic, and available in both internal and external antenna variants, the Captis Pulse Lite is incredibly versatile and our most economical unit, ideal for deployment in scale.

Features

- Sensor agnostic
- Run all inputs simultaneously
- Internal and external antenna variants
- Battery powered

Applications

- Irrigation monitoring
- Sump, sewer and drain level monitoring
- Tank/silo threshold alert
- Dam/weir level monitoring
- Rainfall monitoring
- Water metering
- Alarm monitoring
- River high level alert



VERSION
1.2

Captis Recharge.

Ideal for
increased data
transmission
frequency



Ideal for multi-variable monitoring and more frequent log and send intervals, with the added flexibility of a rechargeable battery and optional connection to solar.



Optional accessory: solar cell

Features

- Battery powered (rechargeable)
- Sensor agnostic
- Multi-sensor connection
- Run all inputs simultaneously
- Built-in internal antenna
- External antenna capability for optimised signal strength (auto-switch)
- GPS capability
- Anti-tamper protection and optional security plate for additional security

Applications

- Pipeline Pressure Monitoring
- Water Quality Monitoring
- Flow Monitoring
- Dam/Weir Level Monitoring
- Soil Quality Monitoring
- Weather Stations
- Dust Monitoring
- Tank/Silo Level Monitoring
- Ambient Air Temperature Monitoring
- Humidity Monitoring
- Rail Track Temperature Monitoring
- Vibration Monitoring
- Cathodic Protection Monitoring
- Noise Level Monitoring
- Smart Relays & Protection Relays
- Weigh Scale Interfaces
- PLC/RTU Interfaces
- Magflow Meters

VERSION
1.2

Captis Power+

The Captis Power+ is able to be installed in environments where there is access to mains power, which makes this unit ideal for applications that require very frequent data transmissions.

Features

- Sensor agnostic
- Super capacitor for several days continued operation in the event of external power loss
- Run all inputs
- Externally powered (12-24VDC)
- GPS capability

Applications

- Pipeline Pressure Monitoring
- Water Quality Monitoring
- Flow Monitoring
- Dam/Weir Level Monitoring
- Soil Quality Monitoring
- Weather Stations
- Dust Monitoring
- Tank/Silo Level Monitoring
- Ambient Air Temperature Monitoring
- Humidity Monitoring
- Rail Track Temperature Monitoring
- Vibration Monitoring
- Cathodic Protection Monitoring
- Noise Level Monitoring
- Smart Relays & Protection Relays
- Weigh Scale Interfaces
- PLC/RTU Interfaces
- Magflow Meters



Ideal for
leak detection
and water usage
studies



Captis Metrum.

Accurately measure and monitor urban water consumption and effectively detect leaks by digitising your mechanical water meters with the Captis Metrum.

Features

- Designed to interface with Elster V100, Elster V200, and Itron TD8 water meters
- IP68 rated enclosure
- Internal antenna
- Battery powered

Applications

- Residential digital water metering
- Commercial digital water metering





Captis also supports Microsoft Azure IoT native integration



Device & Data Management.

Gain real-time visibility of your devices with our easy-to-use IoT cloud hosted platform.

Configuration, device management, data visualization, and interactive dashboards, all from one user-friendly interface. View, transform and deliver valuable data insights - anytime, anywhere.

- Remote configuration and firmware updates
- Device management: set process alarms, data logging frequency, and cellular connection frequency
- Multi-tenancy capability and device hierarchy capability
- Device health checks
- Data Explorer: visualise data and key metrics
- Easy data integration via standardised APIs for quick and efficient data sharing up-stream
- Scalable platform with pay-as-you-grow pricing

Connectivity.

Securely connect your devices to Australia's largest IoT network with flexible data plans that allow you to feed data from your device to a centralised platform.

- LTE-M1, NB1, and NB2 cellular IoT networks
- Extensive coverage: reaching remote locations
- Extend the battery life of your Captis device with IoT networks



Providing the Edge.

Founded in 2017 and integrated into the Madison Group to support key product development requirements and market sector focus, mIoT began the design, development, and manufacture of the Captis range.

As an emerging technology, our team identified the need for a complete end-to-end IoT solution for industrial applications, and thus mIoT's mission has been to provide cutting edge, cellular based IoT monitoring and measurement solutions. In addition to innovation, mIoT also strive to create long-term sustainability solutions, not only for the businesses we service, but for the greater community.

Continually looking forward, mIoT's pursuit of excellence extends from product design and includes the way we challenge processes and how we tailor solutions to the growing needs of our customer base. We hold our team's invaluable knowledge and expertise instrumental to both our success and the success of our customers. Based in Brisbane, Australia, mIoT has a global reach with an international team and a dedicated distributor network.

Service & Support.

The core of mIoT is our highly qualified technical team, a component of the business that is central to our success. In addition to the development of our innovative Captis range of products, customers can be confident of pre- and post-sales support, providing the best outcomes for their monitoring projects.

Training.

In addition to product training, mIoT offer customers a comprehensive Captis Installation Training Course for field technicians, which includes information to correctly install Captis devices, as well as safety and troubleshooting material.



Staying connected

Get the edge.

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