

## Commercial Sub-Metering

# How a Major Supermarket Chain Saved 11,500L of Water

## The Need

One of Australia's leading supermarket chains required a water usage monitoring solution that could be easily deployed across their properties and facilities.

The ability to remotely monitor water usage on a daily basis was necessary for analysing irregular usage patterns, particularly during periods when minimal flow should be happening.

The Captis solution was chosen for its:

- Cost effectiveness
- Long battery life
- NBloT cellular technology
- Ease of retrofitting directly onto various OEM large pipe diameter commercial water meters

## The Solution

The supermarket chain worked with WaterGroup to install Captis Pulse and Captis Pulse Lite units across multiple sites within 3 - 6 months.

The Captis range of devices digitise the pulse readings from mechanical water meters at regular intervals (every 15 minutes). Captis then transmits this data once a day to a cloud platform, where it can be accessed at any time and the device can be configured to alarm on irregular usage.

This solution made it possible for the supermarket chain to identify on-premises water leaks (from taps, cisterns, pipes, hydrants etc) in a more timely, accurate and effective manner.

In one quarter the Captis smart sub-metering solution identified over 11,500kL of water loss across four sites, saving the supermarket chain tens of thousands of dollars and preventing potential damage to their buildings and other assets.



**11,500L OF WATER  
SAVED IN ONE QUARTER**

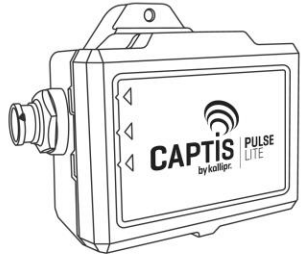


**THOUSANDS SAVED  
IN WATER LOSS**



**PREVENTION OF BUILDING  
& ASSET DAMAGE**

# Solution & Application



## Captis Pulse Lite

Multiple Captis devices were installed across 4 supermarket sites, with data feeding back every 15 minutes



## Captis Pulse

The cost-effective device was chosen thanks to its long battery life and its ease of retrofitting onto various OEM large pipe diameter meters

## Remote Access

The NB-IoT cellular technology enabled data to be transmitted from any location easily and reliably



## Rugged Hardware

The IP68 rated enclosure can withstand extreme temperatures and weather events



## Multi Sensor Interface

Chosen for its multi sensor interface that can connect to existing infrastructure such as taps, cisterns, pipes, hydrants etc



## Data Logging with Captis Cloud

Data logged in a central hub with pre-defined rules and alarms to ensure real-time data and accuracy