



Digital meters

Gain unparalleled insights into the health of your network with digital meters.

Our co-developed digital meters enable you to track daily water usage and detect leaks within your network – before it's an issue for your network or your customers.

Increase visibility over our network operations

Co-developed by South East Water and with the option to use Iota's IoT platform, our digital meters enable you to visualise and understand your customers' consumption patterns.

In rural and regional areas, water scarcity is often front of mind. With our IoT platform, rural utilities will have peace of mind knowing they can account for all the water in their network.

Data from the platform will keep you informed about your network's peak usage times, which you can use to help schedule maintenance works.

Improve your infrastructure management

Our digital meters will play a role in empowering your customers to target their water use, but their true value goes beyond what they can offer customers.

Our unique vibration sensor in the meter enables operations teams to detect leaks within your network so your team can repair the leak before it turns into a burst.

This continuous leak detection results in reduced water losses for your organisation, and increased water security for your community.

Reduce your operating costs

Automated daily readings instead of manual quarterly readings mean you can reduce your operating costs, gather data daily and ensure the safety of your employees.

Our meters are two-way communication devices using ultrasonic, NB-IoT-enabled sensors – which enable remote configuration and firmware updates.

Increased access to information means you'll know which assets require maintenance, repairing or replacement, and can proactively manage your asset maintenance schedules accordingly.

Automated
daily readings
for both billing
and usage
data

Proactive
asset
management

Leak
detection

Enhance the customer experience

In addition to operational benefits, your customers will benefit from daily updates on their water usage to help them make informed choices and avoid bill shock.

Improve your customer experience and increase trust measures by solving problems before your customer even knows there's an issue.

Fully-integrated
NB IoT
communications

LWM2M
open standard
protocols

Optional
pressure and
vibration
sensors

How digital meters work

Our fully-integrated 20mm NB-IoT digital meter captures water usage data every 30 minutes during the day, and then sends a data pack once daily to an IoT platform to analyse and display the information. Optional pressure and vibration sensors to detect leaks within your network are available, fully integrated into the base meter.

The meter is built to LWM2M open standard protocols, so you won't be locked in to using any proprietary software, vendor or telecommunications carrier.

Built to last, our meter is powered by a lithium battery with 10+ years battery life under standard conditions and is fully approved to all Australian standards, including NMI.

Two way communications enable over the air firmware upgrades.

Supported by proven insights

As the commercial arm of South East Water, an Australian water utility, we can support you with proven insights gained from South East Waters' experience in co-developing, testing and trialling meters, telco providers and communication protocols in their service area.

Embrace the potential

Rolling out digital meters in your network is a big step towards becoming a digital utility, and a giant leap towards smarter water management and increased water security.

It delivers significant financial savings for you and your customers, water savings for the environment and better management of water infrastructure.

Supported by our IoT platform, this digital solution has the potential to open new opportunities for your organisation. Using data and insights from the meters to drive decision-making can benefit your organisation both strategically and financially, and increase your customer engagement and trust measures.

Who are we?

We're owned by South East Water, a water utility based in Victoria, Australia. We commercialise innovations developed and proven within the South East Water network, so we can bring these solutions to organisations like yours.



For more information,
email us at info@iota.net.au
or visit iota.net.au