



OneBox®

**LITTLE BOX.
BIG SOLUTION.**

OneBox® transforms traditional sewer technology. This unimposing box lets you track and control individual sewer pumps remotely, in near-real time.

Now you can smooth flows, pre-empt storm overflows, and flush your network, all from your desktop or mobile phone. The days of hidden faults, spills, and after-hours emergency maintenance are over.

Developed for and by industry, it's proven technology that you can rely on. And the data you'll gather provides deep insights into the way your communities use your network — and how you can service them better into the future.



Near-real time tracking

The OneBox® portal collects information from each unit continuously. As well as per-unit reporting, you'll see a network-wide overview of performance that's accurate to the minute.

That near-real time data supports to-the-minute decision making. Information on tank storage levels, power failures, blockages and faults helps you to make better choices across every hour of every day – and act at exactly the right moment.

Remote risk management

There's a storm on its way? Slow or shut down selected pumps from your desktop, and stage a managed recovery once it's passed.

Identified your peak demand period? Change pumping set points, per unit or across whole neighbourhoods, to relieve pressure on other network assets.

And if you're out in the field? Make the changes from your mobile phone or tablet. Wherever you are, you're in control with OneBox®.

The Flinders community saw a 90 per cent reduction in E.coli levels on Dodds Creek and the foreshore after South East Water upgraded its network with OneBox®.

Reduce spill risks, right from your desktop



Peak shifting

Control peak flows in your network to reduce your need for capacity, and make better use of existing infrastructure.



Outage recovery

Manage the recovery of OneBox® units after power failures and other disruptions.




Storm mode

Contain full catchments during storms to reduce pressure on your other network assets.



Flushing

Raise the velocity of wastewater in networks with few connections to let those networks self-clean.



South Gippsland
Water saved
\$7.5 million and
five years by
upgrading septic
systems with
OneBox® instead
of building a
traditional sewer
network.

Reduce costs

OneBox® cuts sewer installation and maintenance costs. It also reduces impacts on infrastructure, and the communities you serve.

You can easily retrofit OneBox® to existing sewer systems. This means less disruption for your customers, and produces a much more efficient network at a lower cost than you'd expect.

With OneBox®, you'll know about faults before the customer does, so you can schedule repairs and maintenance accordingly.

You can also manage flows to improve the efficiency – and life expectancy – of other infrastructure across your network.

Join the revolution in smart sewers

From near-real time premise-level monitoring, to insights that can transform your network management strategy, OneBox® marks a revolution in sewer technology.

It helps you better protect the environments in which you operate, and lets you maximise the network assets you've already invested in.

And it positions you as a leader who delivers quality, highly efficient service to your communities.



Who are we?

Iota is your smart water and wastewater partner.

We're owned by South East Water, an Australian water utility. We develop and commercialise innovations proven within the South East Water network, so the social and economic benefits can be shared with industry.

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

