Capture more revenue with the right residential water meter.

The right residential water meter can reduce non-revenue water, improve customer service and conserve resources-ultimately

boosting your utility's revenue and reputation. The ideal meter measures smarter and delivers more value for your investment.

It is rugged, accurate and dependable, and it is simple to install and operate. So, what is the right choice?



Continuous measurement

a magnetic field. Ideal for accurately measuring intermittent real-world consumption. **Mechanical meter: Positive Static meter: Ultrasonic** displacement and velocity Captures flow by measuring the difference in transit time of sound Measures flow through friction created by water physically moving pulses with and against the flow's and rotating meter parts. Can capture direction. Missed consumption

Electromagnetic technology is the best

residential meter technology. Continuously

measures flow across the entire flow tube based

on voltage generated when water passes through

Mechanical meter: Positive

intermittent flows but can miss

capturing the lower flow rates that

static meters are able to measure.

Low-flow accuracy

is possible because the entire

flow-tube area is not measured.

displacement and velocity Performance can be limited, Low-flow accuracy is poor. depending on the state of the Measurement depends on having transducers that reflect the enough water present to physically sound pulses the meter needs move the oscillating piston, to measure. nutating disc or impeller.

on meter accuracy. No moving parts means

no replacement or physical maintenance

for the life of the meter.

Static meter: Ultrasonic

Electromagnetic technology provides

superior low-flow accuracy, capturing flow

as low as 0.03 GPM. Proven to help utilities

capture more revenue than ever before.

Mechanical meter: Positive

displacement and velocity

resulting in a shorter asset life

than static meters. To maintain

performance, testing programs

are required.

Moving parts wear out over time

and are susceptible to particulates,

Low cost of ownership

Electromagnetic technology provides long-term accuracy for a lower total cost of ownership. Real-world field disturbances (temperature, particulates, flow) have no effect

Static meter: Ultrasonic

Sensitive and critical components

constantly exposed to flow and water

sediment are at risk for degradation

or damage. Could lead to higher

costs of ownership because of

repair and replacement costs.

Smart alarms

The ideal residential meter should have various smart

alarms to detect issues in the distribution system such as leaks,

reverse flow, tamper, high flow, low battery and empty pipe,

as well as alarms for temperature and pressure.

Sensus smart water meters

iPERL®

Maintains new-meter accuracy over

total cost of ownership.

no truck rolls!

and fire service applications.

No replacement or maintenance

for the 20-year life of the meter-

• Integrated 3-state ball valve for

remote service turn-on, shut-off or

Proprietary actuator valve within the

meter-no external modifications

• Integrated pressure and temperature

of your water distribution system.

sensors for greater insight and control

needed for installation.

its 20-year asset life, providing a lower

Supports residential potable, reclaimed

Improve customer service, reduce operating costs and protect your revenue potential through patented electromagnetic technology. Explore the most accurate residential meters on the market.

• Industry-leading 20-year warranty. Includes 100% coverage for the first 15 years.

ally®

restricted use.

Experience the benefits of superior

ally

iPERL®

smart water technology performance

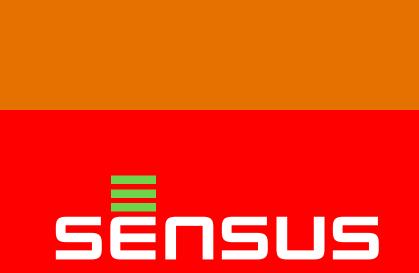
Dallas, Georgia

water meters.

- like these communities:
- Captured an additional 600,000 gallons of billable consumption in four months with iPERL® smart



Gained system pressure insight from additional data points with ally® smart water meters to detect and locate main burst incidents.



a **xylem** brand



smarter with Sensus.

Sensus.com/smart-water