

Listen to your water

- and amplify with Kamstrup smart meters



Water – the most essential service



Drinking Water

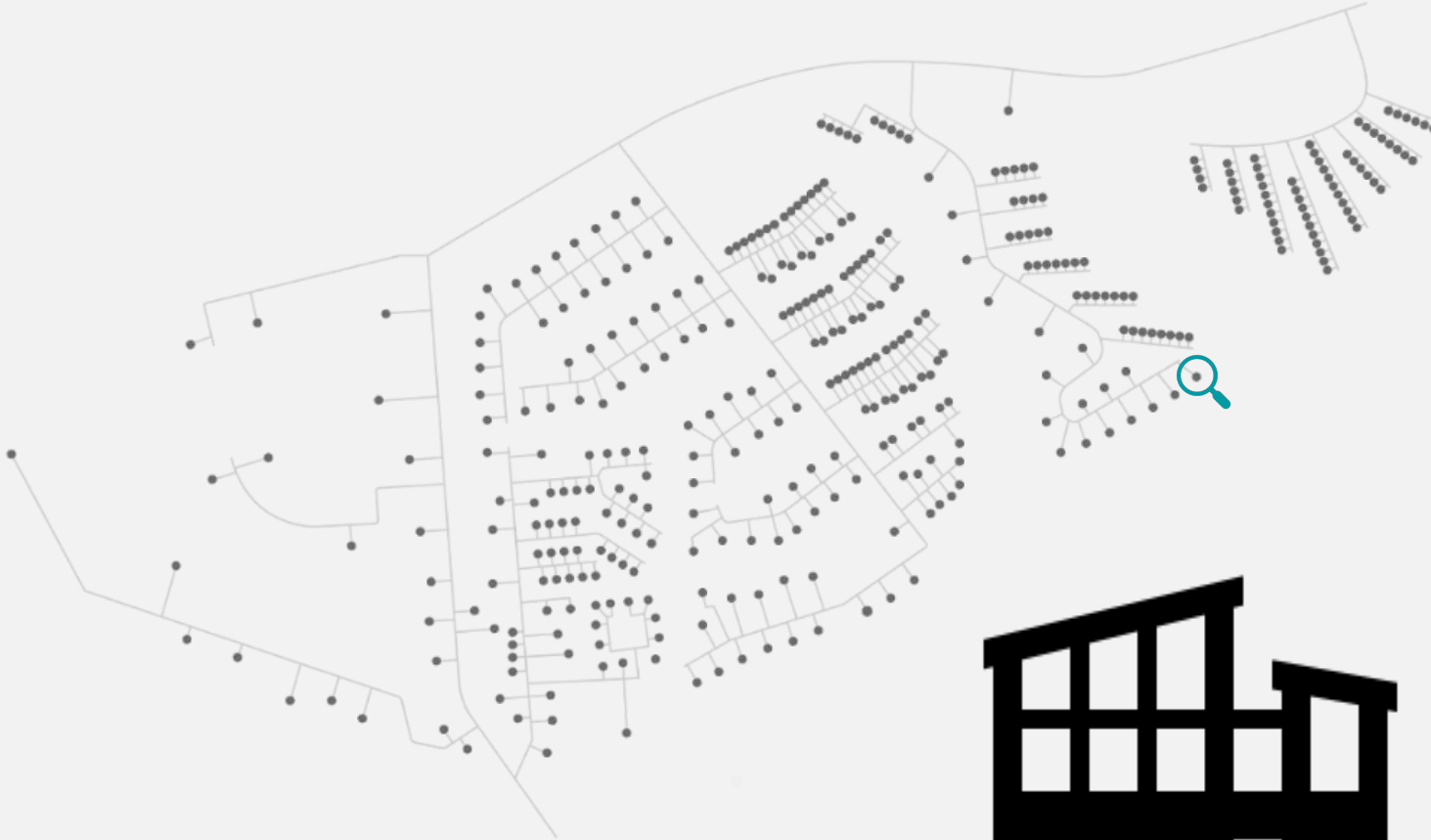


Hygiene & Health

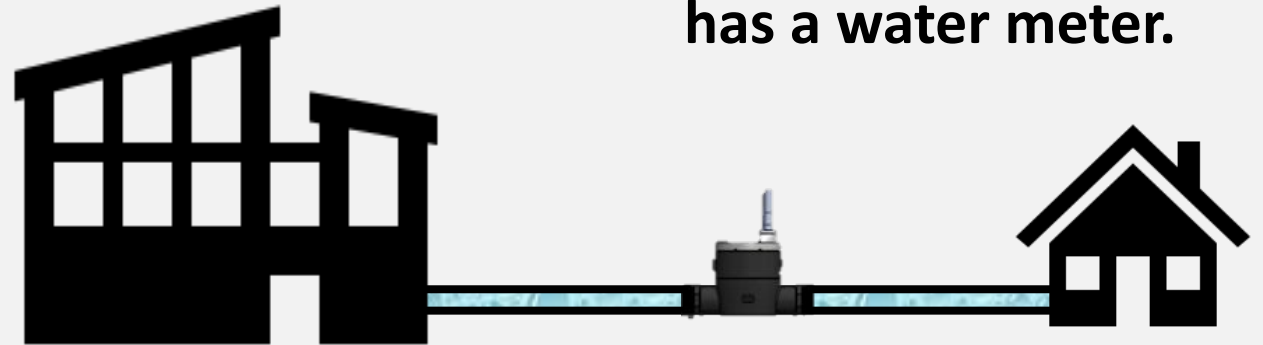


Everyday Tasks

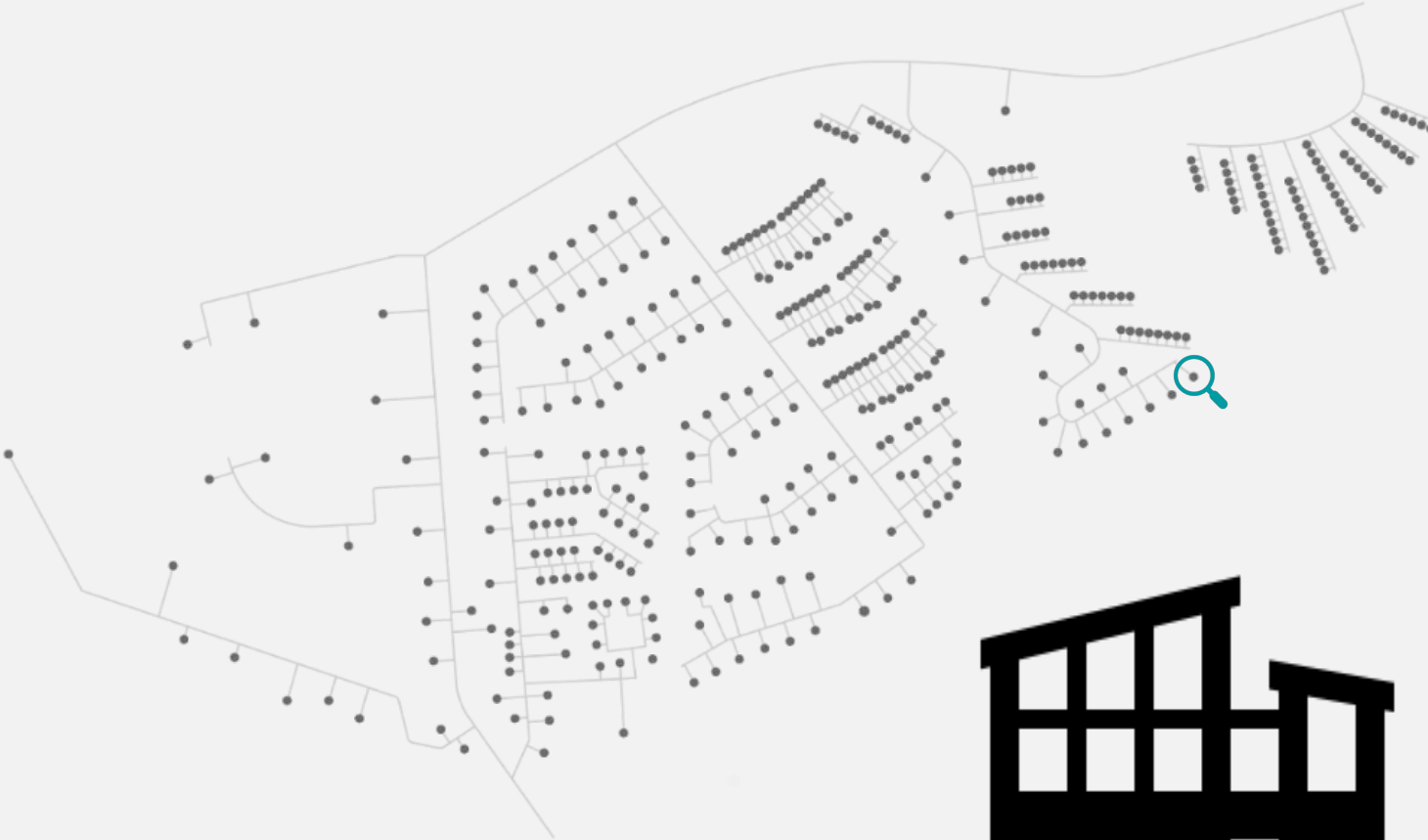
Drinking water networks



**Extensive infrastructure
but ...
Every Home or Business
has a water meter.**

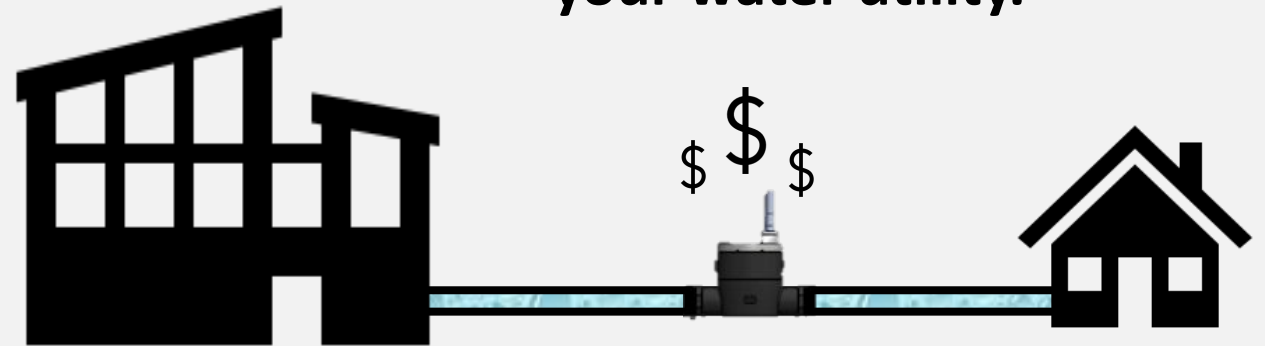


What is a water meter?

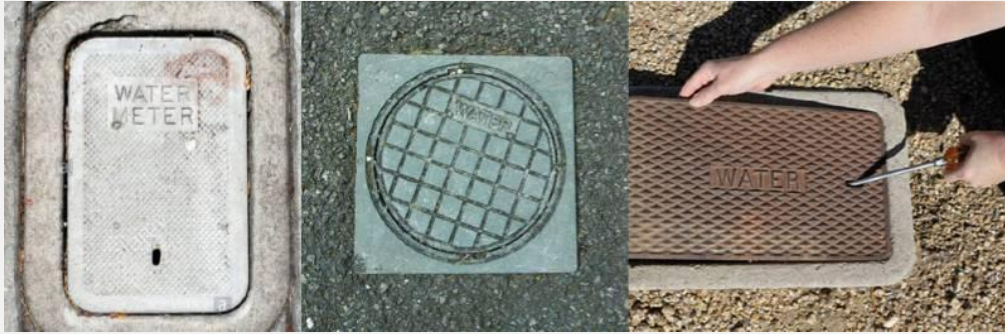


**It is how you interface
with every constituent
on their most vital
resource.**

**It is the Cash Register of
your water utility.**



Do you know the status of the water meters in your community?



**Where are they located?
How are they maintained?**



IT'S TIME TO KNOW

Do you know the water usage trends in your community?

Low flow and high efficiency are the new normal!



Life happens at 1/10 of a gallon per minute!



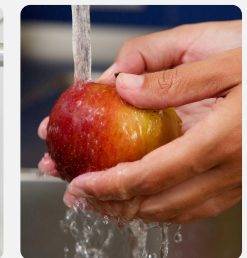
Slow Dripping
Faucet



Leaky Toilet



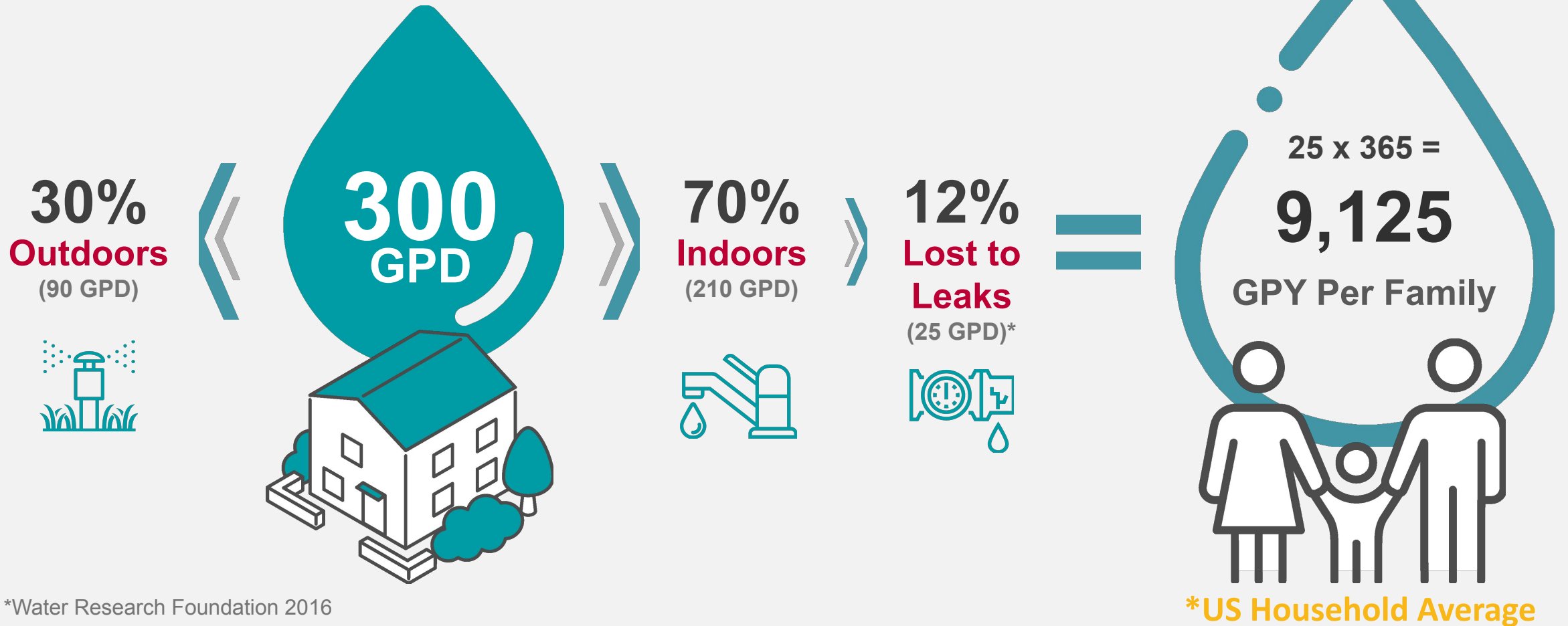
Wetting your
Toothbrush



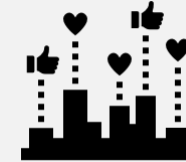
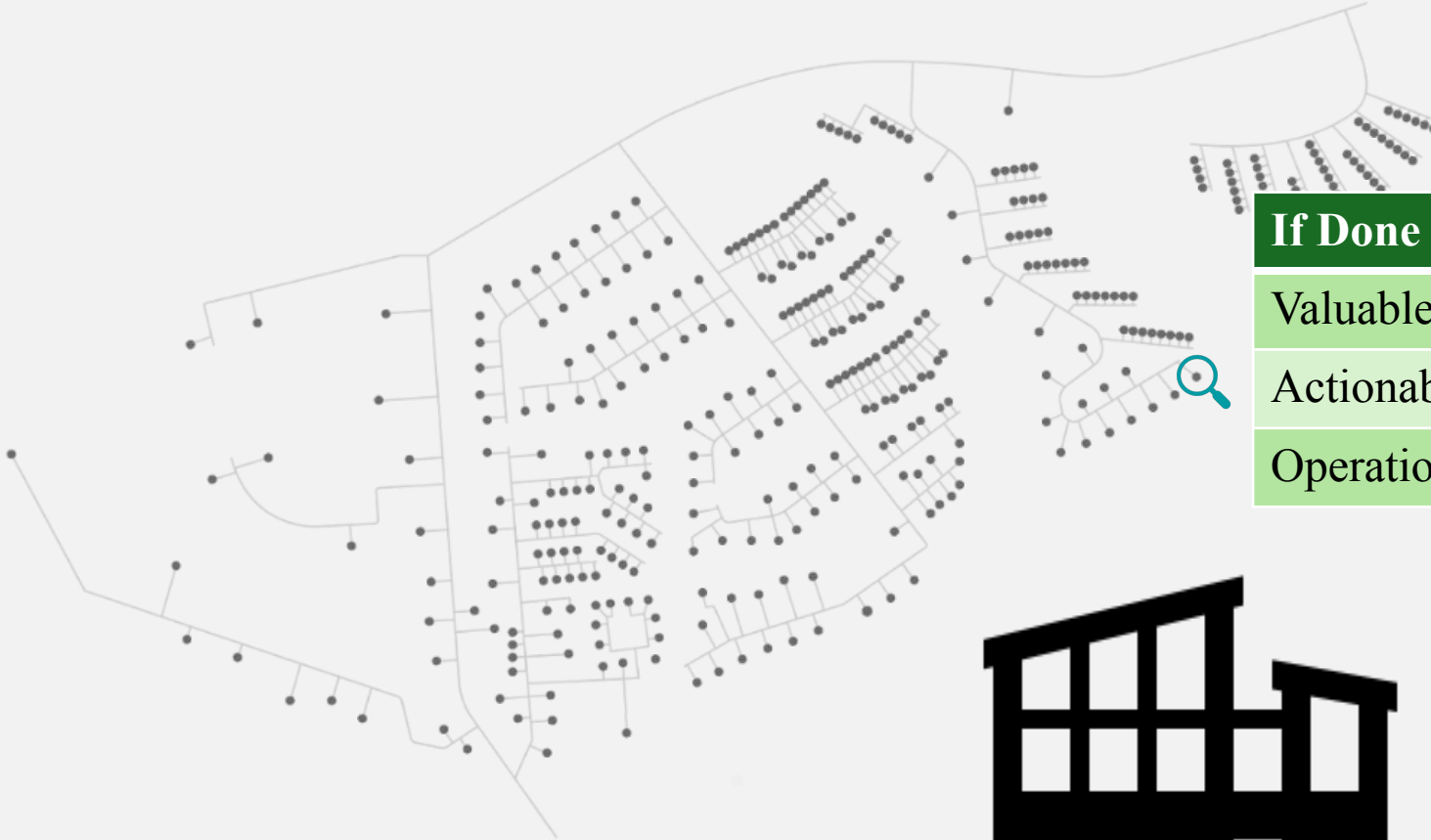
Washing an Apple

IT'S TIME TO KNOW

How much water are you losing to leaks?



Why are meters important?



If Done Right

Valuable Data

Actionable Insights

Operational Efficiencies

If Done Wrong

Inaccurate Bills

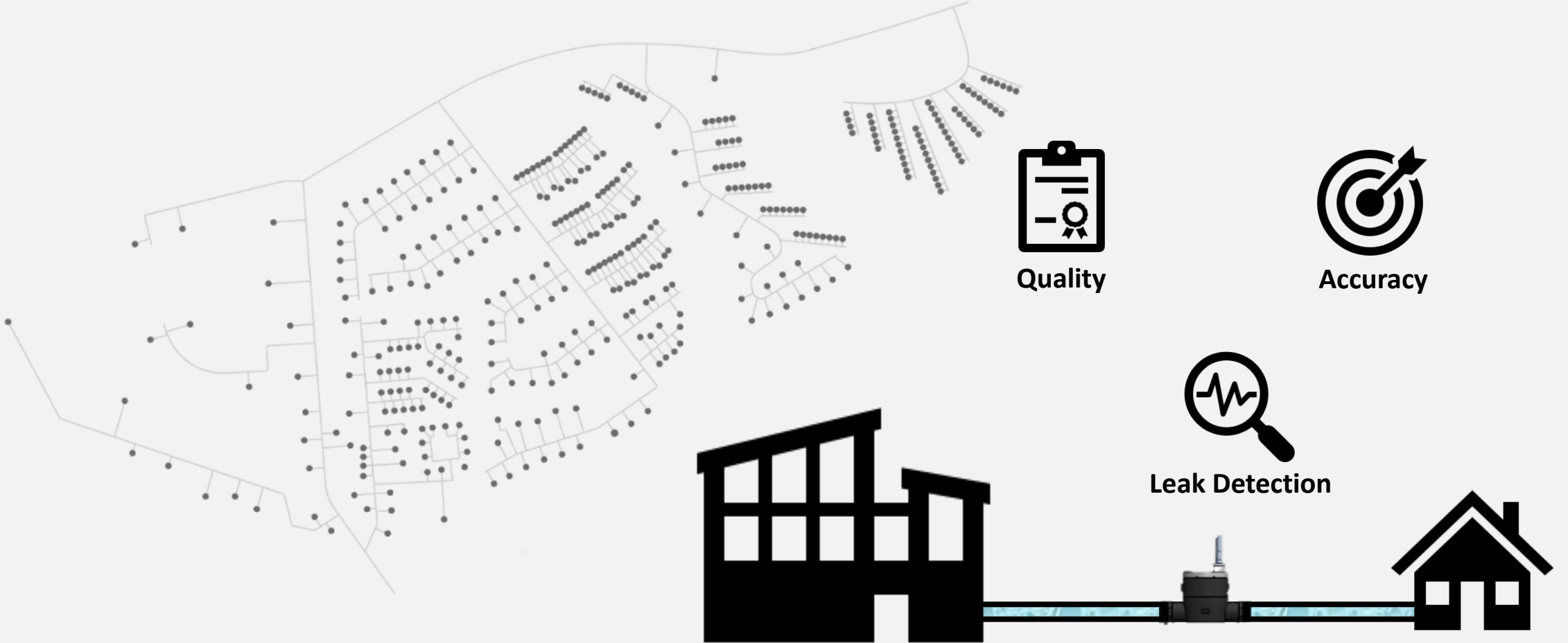
Community Distrust

Wasted water



IT'S TIME TO KNOW

What makes Kamstrup meters unique?



IT'S TIME TO KNOW

What would ultra-low flow accuracy mean for a utility with 10K residential meters?



6 GPD Ultra-Low Flow
via 10K Residential Meters

\$11.00 /1000 Gal
Combined Water & Sewer Rate

**\$660 Extra
Daily Revenue**

**\$240.9 K Extra
Annual Revenue**




**\$4.82 M
(20 years)**



Kamstrup flowIQ
measures **ultra-low** flow
below 1/10 GPM!!!

How big of an impact is 6 GPD of ultra-low flow?

Big enough to...

Lose	Waste	Produce
44.7	3	1.4
		
Olympic pools worth of water each year	Homes worth of energy each year	Cars worth of carbon footprint each year
21.9 M gal/year	32.9 K kWh/yea r	6.57 mt/year

IT'S TIME TO KNOW

Kamstrup meters amplify water conservation

A holistic approach to tackling non-revenue water!

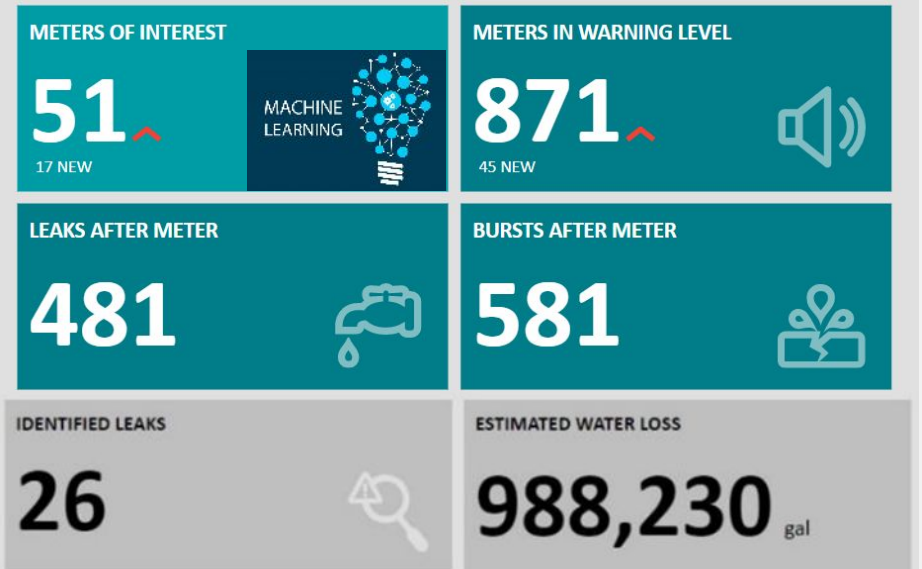
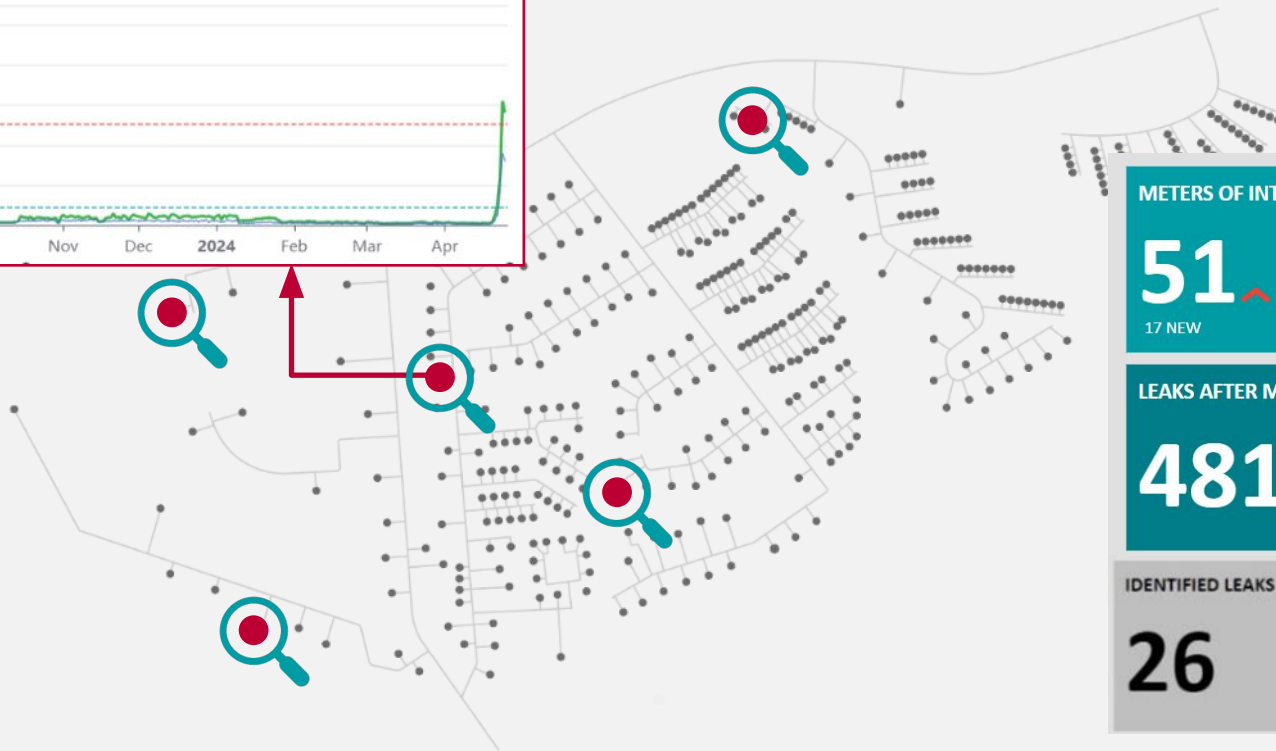
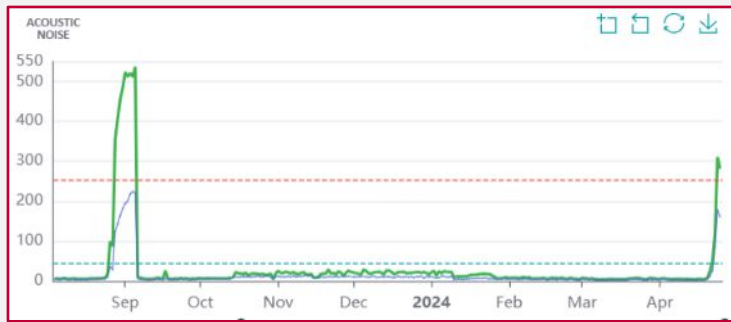


Gain unprecedented transparency into your buried assets!

- Reduce water waste
- Capture additional revenue
- Notify consumers of leaks
- Prevent property damage
- Prevent main breaks
- Prevent negative PR
- Prevent water quality issues
- Prevent boil water notices
- Operational efficiencies
 - Asset management planning
 - Field workorder efficiency
 - Capital improvement planning

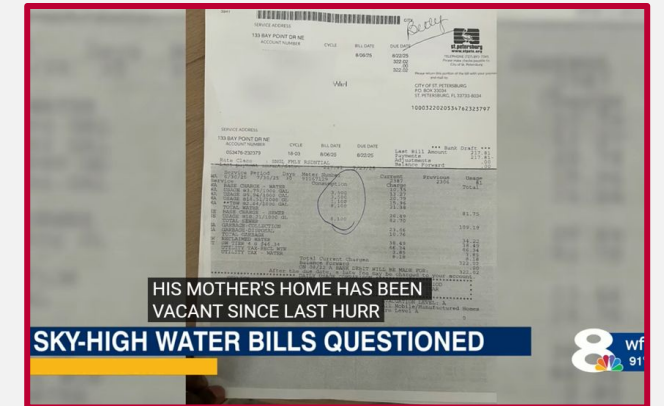
Water loss detection in every meter, every day

Continuous monitoring to protect your community's vital resource



IT'S TIME TO KNOW

Kamstrup smart meters proactively protect your

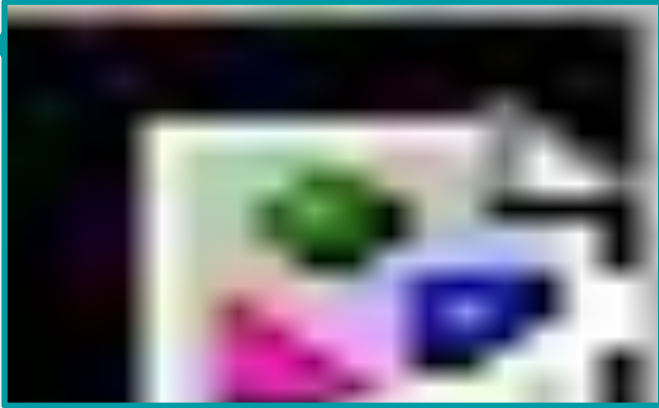


When's the last time you saw a feel-good news story about a water utility?

IT'S TIME TO KNOW



Kamstrup smart meters proactively protect your



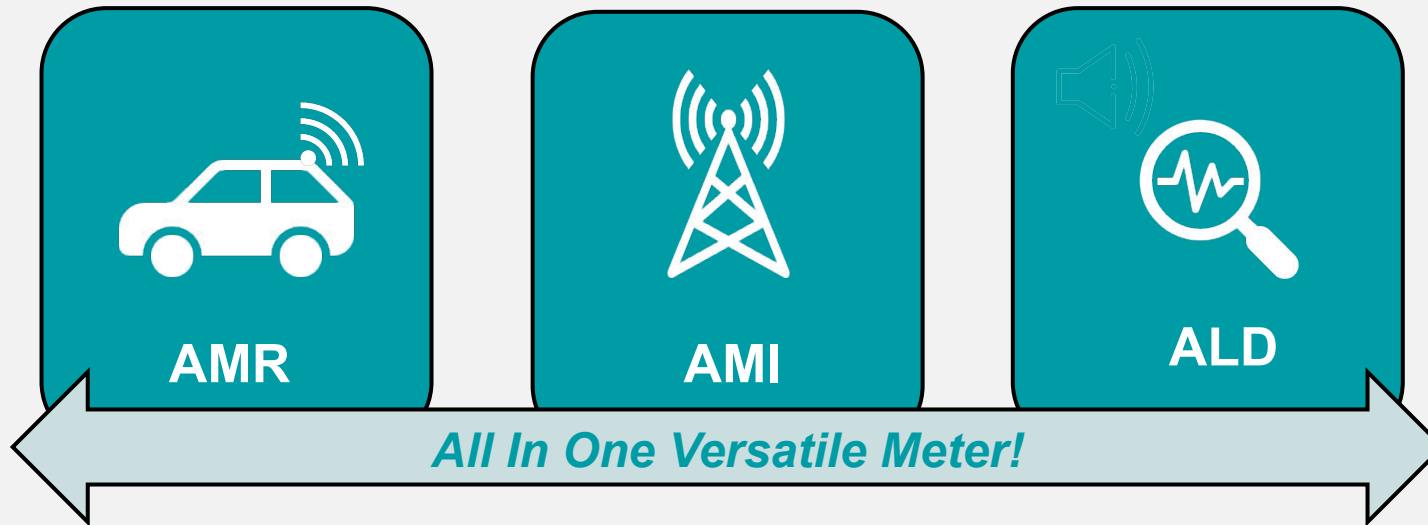
~240,000 water main breaks in the U.S. every year! (Source: AWWA)

IT'S TIME TO KNOW



Simplify utility meter operations with a versatile smart meter!

Kamstrup flowIQ2200 and flowIQ3200 sizes 5/8" through 2" have ALD



Acoustic leak detection (ALD) functionality in both AMR and AMI mode!



IT'S TIME TO KNOW

Quality meters from a partner your community can rely on!

flowIQ 2200 (sizes 5/8" through 1")



flowIQ 3200 (sizes 1.5" through 4")



flowIQ 4200 (sizes 6" through 12")



2.5 Million+

Meters shipped in USA



0.25%

Return rate in
North America



Innovative ultrasonic
technology



Data log of flow rate
as a histogram



Industry-leading
accuracy



Embedded Acoustic
Leak Detection (ALD)



Industry-leading low
flow detection



High visibility to
the consumers

Thank You For Listening

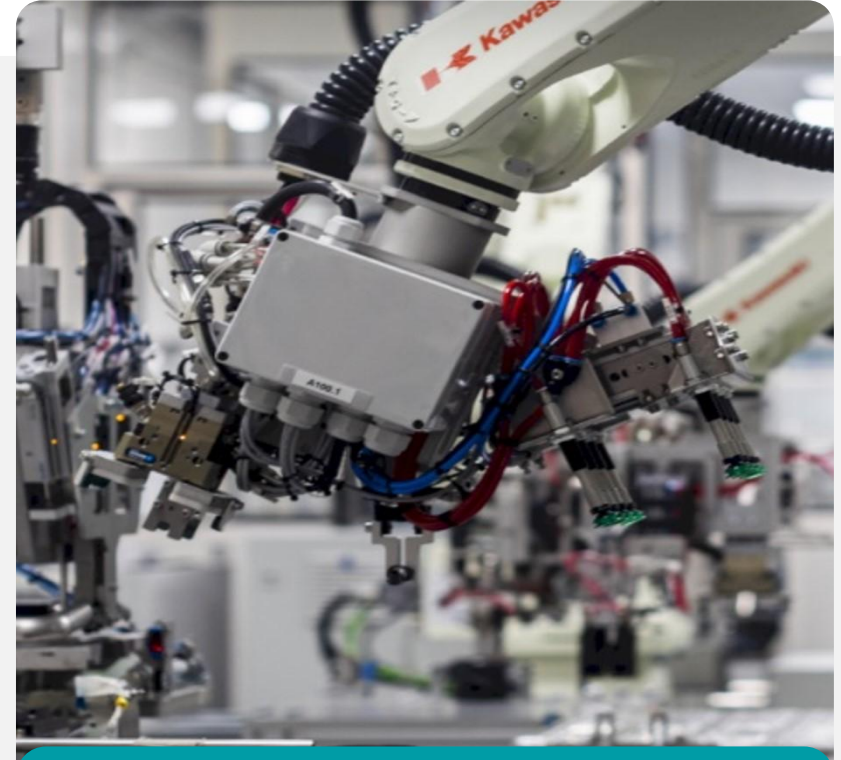


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