APANA

Water Efficiency as a Service™

Simple, actionable insight to reduce the total cost of water.

Purpose, meet profit.

Apana's Water Efficiency as as Service™ saves more than water alone — it saves time, money, and your reputation — so you don't have to choose between **doing what's right and doing what's profitable.**

Saving water is serious business.

Using actionable data and proven technology, we help your business use less water so you can increase efficiency, boost the bottom line, and help the environment.

Spot Waste Events: A burst pipe in a wall can easily go unnoticed until the monthly water bill comes due. Spotting it early can save thousands of gallons of water, money, and unplanned downtime.

Gain Efficiency: Using data gathered across your operation and over time, we help you identify wasteful water practices in plain sight. Practical adjustments can be made to everyday operations to slash water use and costs.
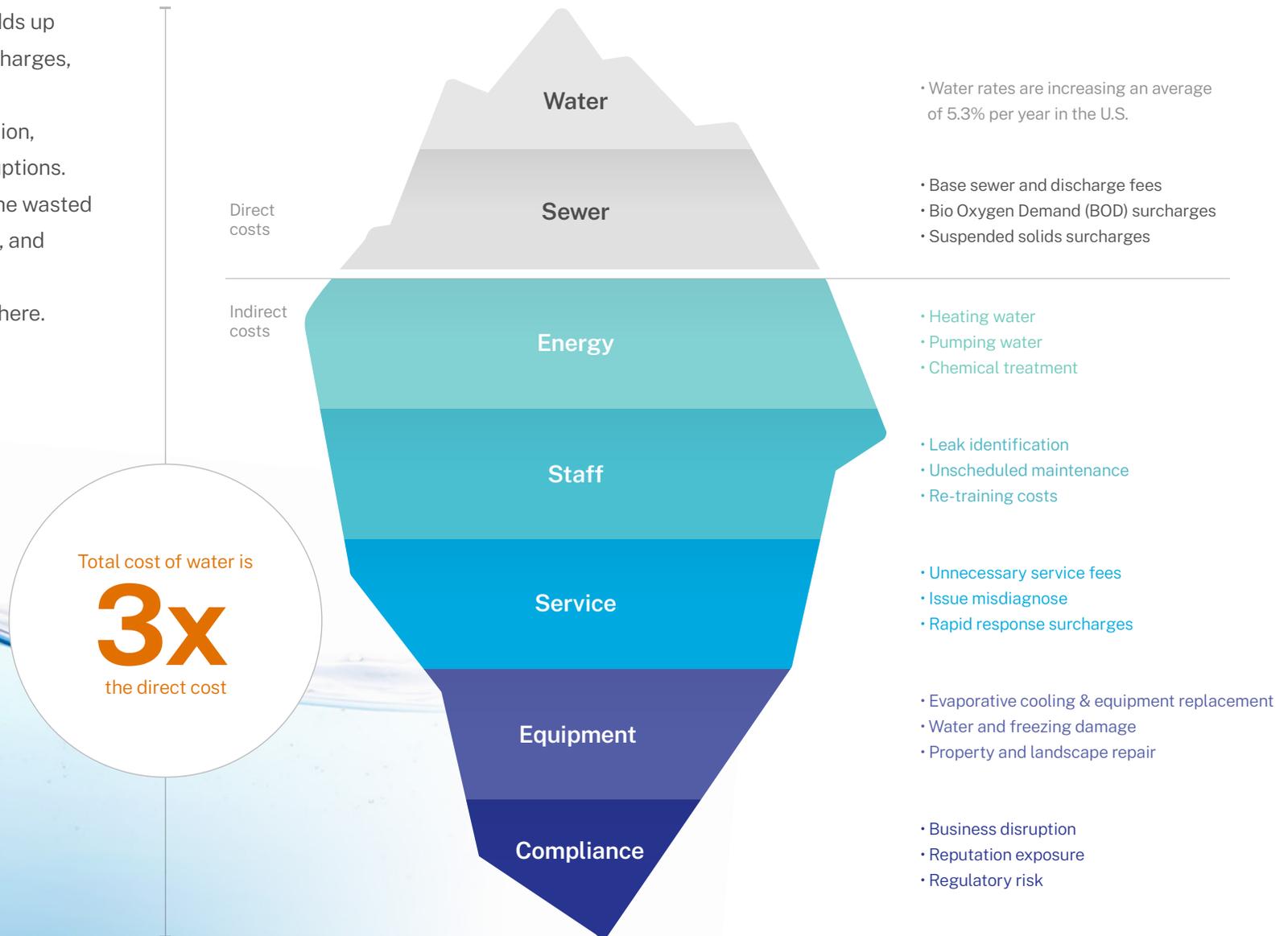
Protect Assets: A leak in an irrigation system can damage a parking lot. Low water flow can destroy a cooling tower. Asset protection becomes easy when water infrastructure is monitored in real time.

Boost Reputation: Using less water saves more than just a precious resource. Your organization's reputation is preserved by addressing environmental sustainability concerns.

Your water bill is just the tip of the iceberg.

The total cost of water adds up quickly. Consider sewer charges, leaks, misuse, unplanned downtime, asset destruction, repair, and business disruptions. And don't forget to add the wasted energy used to heat, cool, and distribute water. Savings opportunities are everywhere.

APANA

Direct costs

Indirect costs

Water

Sewer

Energy

Staff

Service

Equipment

Compliance

Total cost of water is

3x

the direct cost

• Water rates are increasing an average of 5.3% per year in the U.S.

• Base sewer and discharge fees
• Bio Oxygen Demand (BOD) surcharges
• Suspended solids surcharges

• Heating water
• Pumping water
• Chemical treatment

• Leak identification
• Unscheduled maintenance
• Re-training costs

• Unnecessary service fees
• Issue misdiagnose
• Rapid response surcharges

• Evaporative cooling & equipment replacement
• Water and freezing damage
• Property and landscape repair

• Business disruption
• Reputation exposure
• Regulatory risk
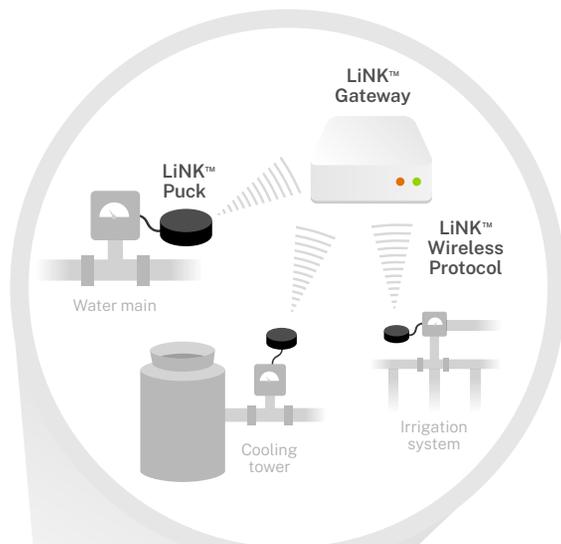
See what lies beneath the surface.

Apana's Water Efficiency as a Service uses state-of-the-art Internet of Things (IoT) technology and real-time analytics to reduce the total cost of water.

Your Facility

- Apana LiNK™ system installed
- System scans water infrastructure
- High resolution water data acquired

LiNK™
Gateway

LiNK™
Puck

LiNK™
Wireless
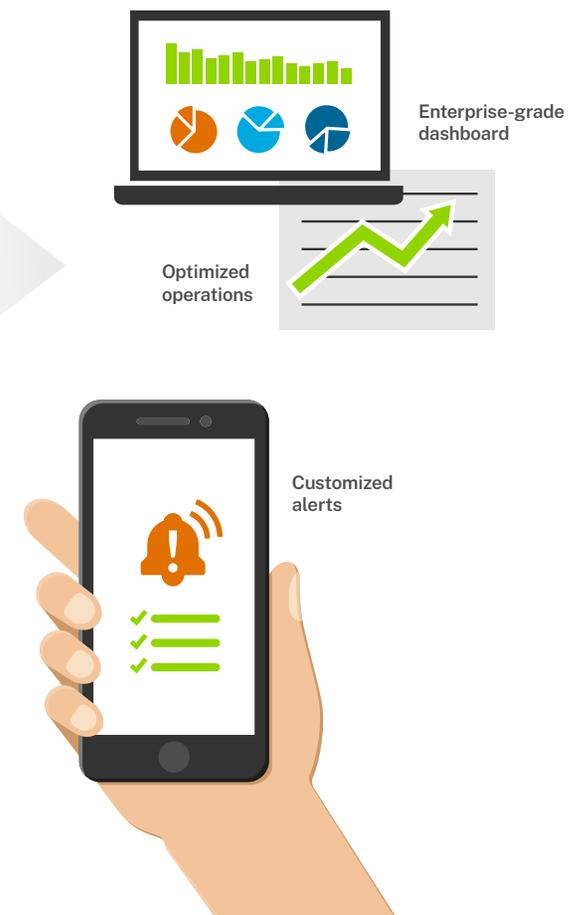Protocol

Water main

Cooling
tower

Irrigation
system

Real-time Analytics

- Data is backhauled to the Cloud
- Analytics identify waste and anomolous use
- Information is compiled into suite of tools

24/7 Intelligence

- Automated alerts sent to any device
- Step-by-step guidance to fix problems
- Seamless integration with existing routines

Enterprise-grade
dashboard

Optimized
operations

Customized
alerts

Purpose-built for water.

Water Efficiency as a Service uses a state-of-the-art Internet of Things (IoT) solution and real-time analytics. Apana monitors your operation 24/7. Incoming water data is continuously analyzed and automated, step-by-step guidance is delivered to the right people at the right time.

An enterprise-grade dashboard enables engagement up, down, and across your organization. Data becomes insight, so you can drive continuous improvement of all processes that use water.

APANA PROVIDES
22%
average water and sewer reduction

APANA PROVIDES
18
months average return on investment

WASTE IDENTIFIED EVERY
16
hours on average for enterprise customers

> **By using less water, less energy is needed to operate water systems, which in turn reduces Costco's carbon footprint and expenses.**
>
> -Costco Sustainability Report

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