droople

We give people and businesses worldwide tools and insights to improve the way they use water to ensure a sustainable future.

Make every drop count

Ramzi Bouzerda,
CEO & Founder of Droople

Droople empowers its clients with actionable insights through its Water Intelligence platform to reduce OPEX and preserve our precious resource.

- Founded in 2018
- Switzerland SWISS MADE
- 120+ clients
- 200M+ liters monitored
- Serving on 4 continents
- 18 awards

SOLARIMPULSE EFFICIENT SOLUTION LABEL

Certified B Corporation

WATER BLINDNESS HAS A SYSTEMIC IMPACT ON ASSETS

Leakage: $30 billion p.a. damage cost due to inefficient remediation

Stagnation: 1.31 deceases per 100K population

Demand-Supply Mismatch: +25% energy wasted with boilers

Poor Service: > 40% run out of CO_2 causing users' complaints

Unplanned interventions: +30% due to time-based maintenance

Water hardness: -15% lifetime due to inadequate treatment of scaling build-up

Dripping: 680 l/month wasted due to faucets

Ghost flushing: 344,470 l/month wasted from toilets

LIMITED, MANUAL & EXPENSIVE DATA HANDLING HINDER DECISION-MAKING.

Source: ECDC, Xylem, McKinsey, Statista, Grohe Surveys, EPFL, NeoVac NeoFacts

Your Control Tower

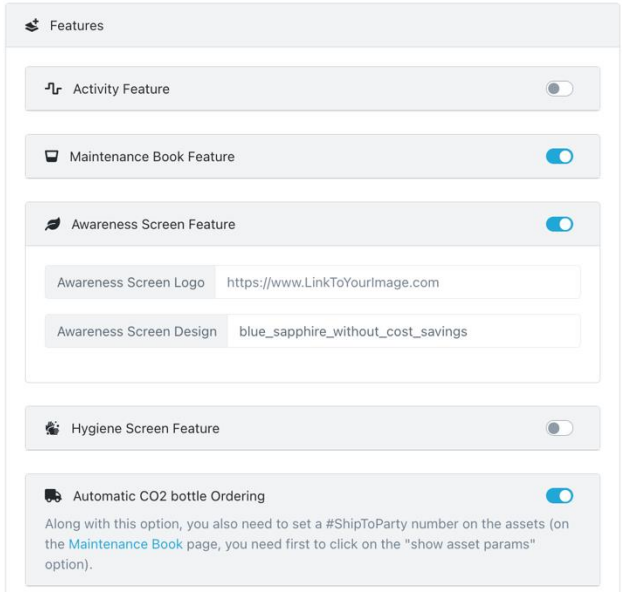
Enabling predictive business service by turning water asset smart

Droople digitizes and manages any water assets on the last-mile by measuring **four key water parameters** (flow, temp., pressure and conductivity) to unlock real-time, **actionable insights** on usage, **environmental impact** and **operational efficiencies**. Our solution offers advanced **anomaly detection** alongside **automated consumable replenishment**, including a **digital maintenance book** for streamlined management. It also provides **comprehensive reporting**, customizable **white-labeling options**, and preventive **alarms for timely intervention**.

Watch Droople Corporate Video

Product

These two unmatched features solve most of the pains in the water fountains market.



Streamlined automated CO2 replenishment, resolving significant supply chain challenges with ERP integration with major suppliers.

Engage with communities as any refilling end-user can access **live** to the sustainable impact of the water fountain, via this QR-code.

Product

One data point, many purposes.

fountainOS by droople

Measure Pressure, temp., flow rate, volume of output, water hardness **reduces unplanned interventions** with the digital maintenance book.

evercleanOS by droople

Translate water usage into affluence insights to **optimize restroom cleaning schedules** with ***25% savings in OPEX*** *and water waste in* malls, airports.

evercleanOS by droople

Monitoring water stagnation based on idle time, flow, and temperature **helps prevent shutdowns** of hospitals, schools, and fitness centers.

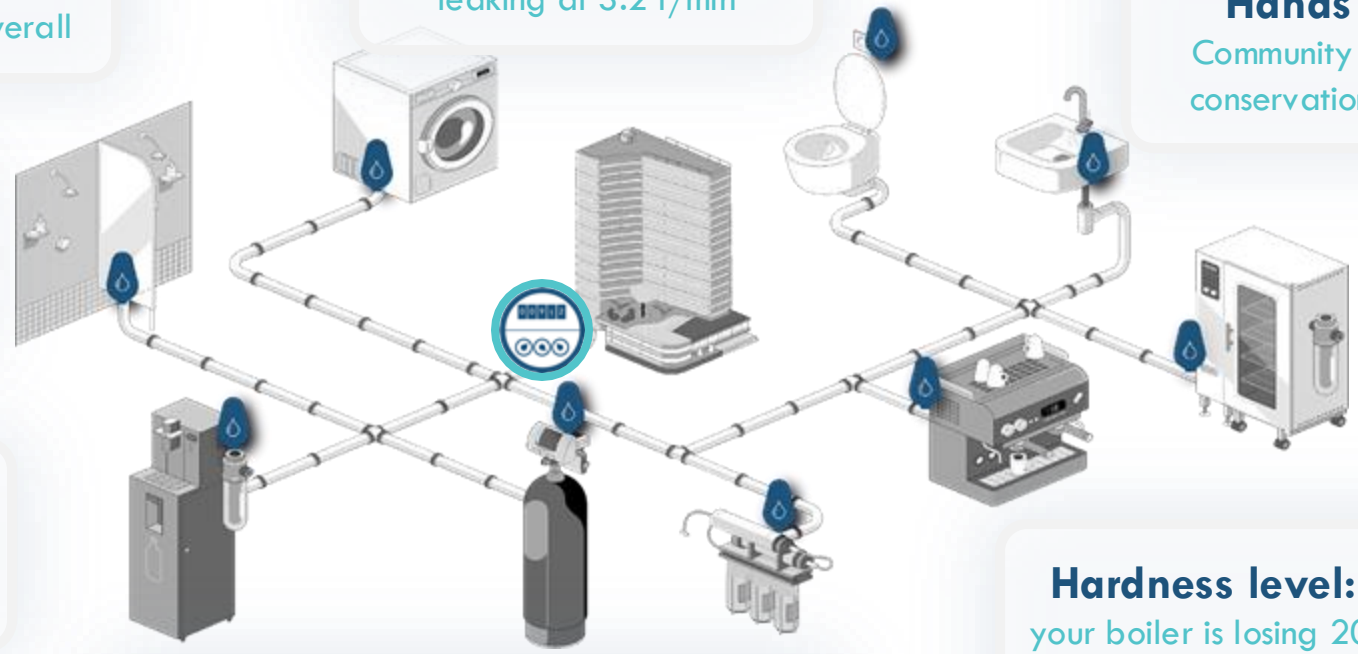
ENABLE A 360° VIEW & CONTROL OF WATER USAGE

Pay-per-use billing
instead of surface-based billing saves 20% overall

Leakage is localized
toilet 15 at 2nd floor is leaking at 3.2 l/min

Hands hygiene: 8/10
Community has better hygiene & conservation habits over last 24h

Health Risk
Water stagnation detected, Flush Shower at Room 13



Energy Optimization
Boiler can be turned off for next hour to save energy

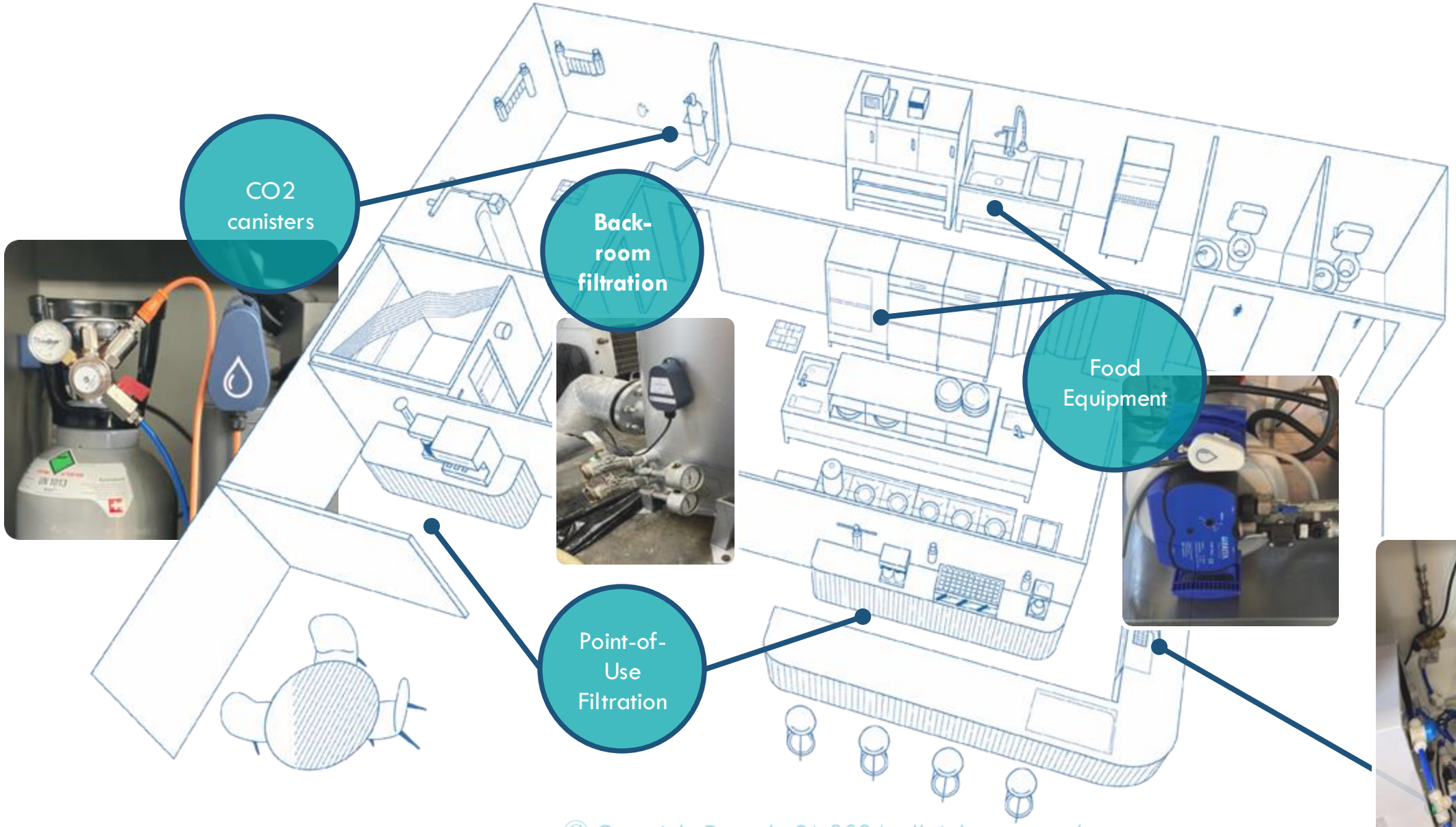
Hardness level: High
your boiler is losing 20% of its performance.

Refill
your CO2 cannister has 10% capacity left, another one has been ordered

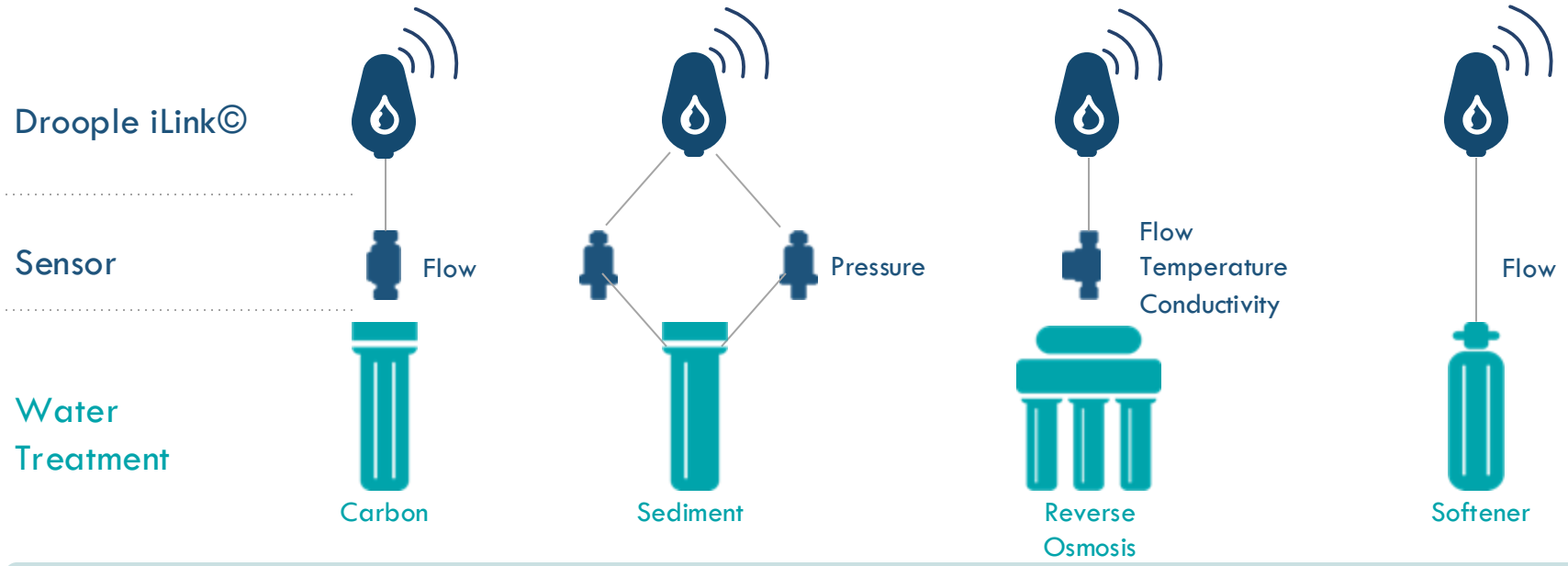
UNLOCK WATER DATA ANALYSIS TO ENABLE DECISION-MAKING AT SCALE.

MANAGE ALL YOUR SYSTEMS, WHEREVER, WHENEVER.

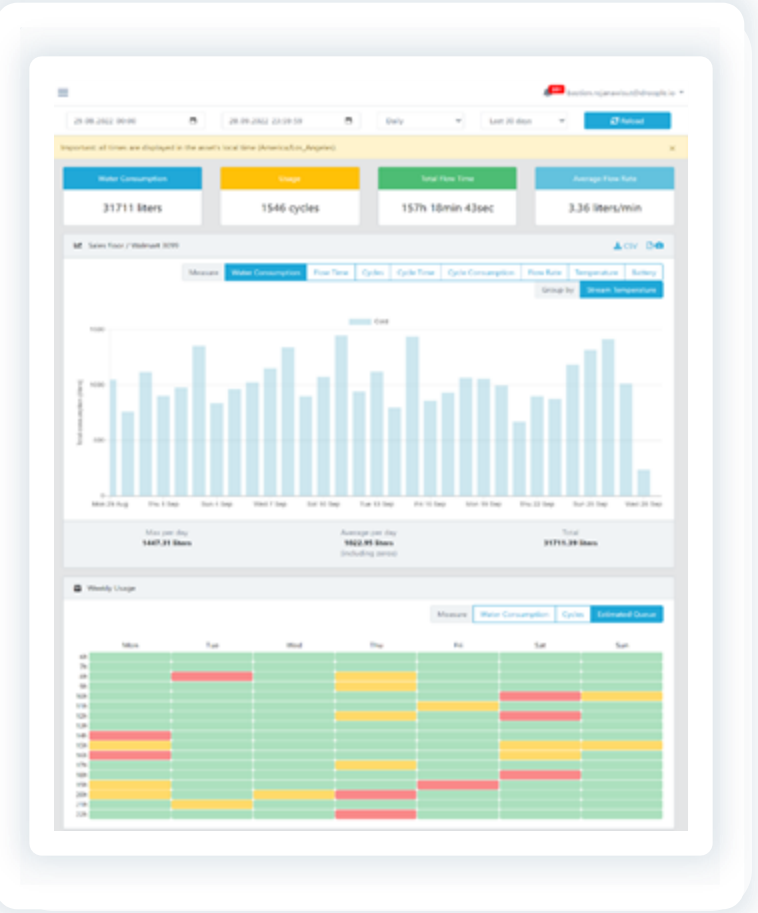
Food & Beverage



SAME TECHNOLOGY FOR MANY FILTRATION SYSTEMS



Droople Analytics	Flow Rate	Pressure Drop (ΔP)	Flow Rate, Temperature, Conductivity	Flow Rate, Conductivity



FOUNTAINOS OFFERING

Remotely monitor and control your fleet of water dispensers & water treatment systems

- ✓ Measure water flow, temperature, quality and usage
- ✓ Monitor water stagnation to prevent legionella risk
- ✓ Predict service maintenance with an uptime of 99.99%
- ✓ Forecast replacements of carbon and sediment filters, softeners and reverse osmosis systems with 24/7 notifications
- ✓ Automated procurement of CO2 bottles
- ✓ Maximize the life of water filtration systems and extend asset lifetime
- ✓ New business models with usage-based maintenance

Promote sustainable hydration

- ✓ Raise environmental awareness
- ✓ Sustainably hydrated employees are more productive
- ✓ Optimized uptime with automated replenishment (filter & CO2 bottle)
- ✓ GRI and GRESB compatible water and impact data for ESG reporting (BREEAM, WELL, LEED)

Impact Analytics

- 91,004 bottles saved
- 82'000 $
- 7.54 tons

Water Analytics

- 1.65 L/ user
- 214 users during last 24h
- 45,502 L

droople

Why Droople?

Finally control water for a better quality of service.

Stop & Shop Experience

Complete solution from
sensor to platform

Retrofit Installation

Upgrade your existing
installations, connect any point

Plug & Play

From installation to data
in 15 minutes

Data Analysis

Get notified on anomalies, define thresholds, plan your interventions

Automated Procurement

Integrated consumable management for optimized replenishment

Digital Maintenance Book

Plan your interventions based on usage-based conditions

They trust us. Join the community.

Walmart REFRESHING USA Fontaineo SOURCE DE PLAISIR POUR TOUS BLUETRITON

CASE STUDY

REFRESHING USA

Vending Machines

Bringing pay per use water fountains in Walmart

Location: California, United States

Sensors: Flow Sensor

Extent: 20 connected fountains, rollout of 300 Walmart to come

Refreshing USA is equipping every single Walmart in the US to introduce filtered water as a service.

Thanks to our solution they are able to manage their fleet digitally and enable a compliant billing service between all parties.

Alarms enabled the operating team to avoid unplanned interventions across the dispersed fleet all over California.

Walmart

REFRESHING USA

CASE STUDY

ELDORA

Food Production

Assess water footprint across food production.

Location: Cartier Facilities, 2 sites

Sensors: Smart Flow Twin Sensors

Scope: Tunnel dishwasher, Hood-type dishwasher and dishwashing

Eldora has equipped Tunnel dishwasher, Hood-type dishwasher and dishwashing to assess its water impact during its business activities.

Laurent Pin, Head of Sustainability, said: "Thanks to Droople's solutions, we were able to conduct some interesting analyses on water consumption.

- were able to determine the amount of water used for cleaning reusable cups: 13 cl/cup.

- identified practices and consumptions like defrosting with hot water.

- identified excessive water use during certain times of the day, particularly at the end of service.

Your system is over the top !"

CASE STUDY

City of Geneva – Public Water Fountain

Sustainable Hydration

Fontaineo (Manufacturer) and the City of Geneva (SIG) collaborated to launch a campaign to beat the heat wave and reduce demand for single-use bottled water. This installation marks Switzerland's first public fountain providing still & sparkling water, 90% of which comes from the lake.

Sustainability Impact		Water Consumption	
91,004 bottles		1.65 L/ user	
82'000 $		214 users last 24	
7.54 kg CO_2	droople	45,502 L	

USER BEHAVIOUR

DATE
Wednesday and Friday between 12pm – 3pm is busiest time

61%
PREFERRED SPARKLING WATER

SOLUTION:

ASSETS: ONE DISPENSER WITH UV LAMP, FILTRATION UNITS & 2 CO2 BOTTLES

SITES: PONT DE LA MACHINE – GENEVA

VALUE-ADD:

- ✓ Real-time alerts & predictive maintenance
- ✓ Ensure top water quality
- ✓ Automated procurement and correct sizing of CO2 canisters
- ✓ Ecological, environmental and economic impact insights in real time

ROI of 140% in less than a year

- ✓ Refill salt on a timely manner with automated replenishment
- ✓ Protect your piping system & equipment's
- ✓ Reduce unplanned intervention
- ✓ Without cutting a pipe nor downtime

Your consumables

CSV

Search

show removed consumables

Add a new consumable

1 consumables found

ID	Name	Expiry	Flow Quantity	Pressure	Flow Time	Predicted Capacity Overflow
292	Salt Bag 25kg	N/A	23632/24000 liters	N/A	4 hours	Oct 20, 2022

15

1

Add a new consumable

TESTIMONIALS FROM LEADERS AND CLIENTS

WHY INDUSTRY EXPERTS & SUSTAINABILITY ADVOCATES TRUST DROOPLE

> Droople's solution eliminates unnecessary inspections, enabling all-remote monitoring and optimizing logistics for office solutions without service interruptions.
>
> Tobias Wiebe
> CEO

> Droople's kit installation was seamless, almost plug-and-play. "The data were immediately collected and visible on the platform.
>
> John Kyle
> Director of Contracts

> Thanks to the data insights gained from Droople's solutions, the return on investment (ROI) is less than a year, allowing for swift reactions or corrections.
>
> Bertrand Piccard,
> Climate Influencer

> Droople has helped us gain valuable insight into the performance of our machine park, and being able to share that data with our customers is a powerful tool.
>
> James Lavelle
> CEO

> The data exchange with Droople 's platform has seamlessly integrated this new feature. We're exploring integrating automated gas procurement.
>
> Tobias Rapp
> Director

COMPLETE SOLUTION TO MANAGE YOUR ASSETS

Sensors – install on any water point
flow | temperature | pressure | conductivity

iLink – captures the data provided by sensor(s)
battery powered | lasts over 5 years | 10’ sample rate

Gateway – connects all drooples to the platform
4G | Wi-Fi | Ethernet or rely on your own LoRaWAN network

Water Intelligence Platform – where the magic appears
analytics in real time | cycle | flow rate | alarms

PRICING SCHEME & ONBOARDING PROCESS

Hardware

DROOPLE DEVICE One-off purchase from CHF 125

Our droople devices are always composed of one iLink and (1 or 2) sensors depending on asset type

Gateway

CONNECTVITY IN YOUR ASSET
One-off purchase from CHF 90 or 200

Connects to 100 smart sensors
Over 100m radius range for one home or one floor

Software

DROOPLE APP CHF 88 / year / asset

Annual fee per iLink purchased, unlimited number of users. Starts upon payment with 3 months free included for the 1st year.

Process

YOUR JOURNEY STARTS HERE

Production : 4-6 weeks
Payment : upfront for the hardware purchase & software.