

Manage your network's daily operations with one click

Explore **Flowless' WaterCloud**, the platform for water system optimization and losses lifecycle management.



Overview






What's holding you back from boosting feasibility, improving operations, and optimizing your efforts?

As a network operator or leakage manager, you're probably spending most of your valuable time chasing leaks and tweaking the whole water system to ensure supply continuity. Often you find it hard to keep up with everything that happens daily.

What you probably need is a set of tools that are easy to use and drive results fast. Those tools would help you monitor your water networks, detect issues as soon as they emerge, and take action based on clear insights.





Flowless platform provides a virtual action center to help your team prioritize your work & put your efforts into tackling the low-hanging fruit, leading to fast improvements and short pay-back periods.

How WaterCloud Helps

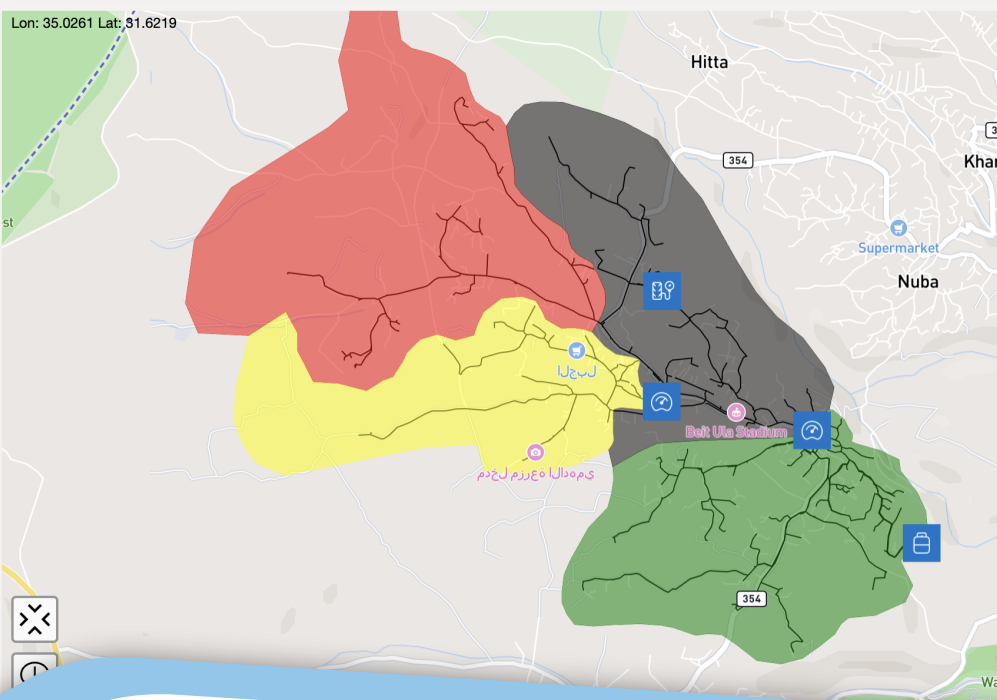
-  **Starting from where SCADA stopped:** utilizing the data you already collect & analyzing it for data-driven insights.
-  **Powerful visualizations:** WaterCloud's dashboards craft a story from your data analytics to help you find leaks & optimize the system.
-  **Advanced alerts:** get early alerts for any incidents as soon as it emerges, whether it's burst, air pocket, or blockage in the pipeline.
-  **Optimizing operations:** automate pumps operations and optimize reservoirs levels to ensure supply continuity.
-  **Losses management:** breaking-down losses into their components and helping you track leaks across your water network.

Is WaterCloud designed for you?

In the water utilities world, achieving seamless operations is key. Flowless technology brings a holistic set of powerful tools to help you manage your operations and improve performance.

-  **Insights & Data Story Telling:** WaterCloud crafts your data into a "story", providing invaluable insights for your team to achieve results FAST.
-  **Holistic Analysis:** Get an overarching view of your water system for better resource allocation, guiding your team to the right intervention at the right time using the right tools.
-  **Accurate, Accessible, & Scalable:** Making these easy-to-digest interpretations accessible for your team, integrating new tools as your needs grow
-  **Losses Lifecycle Assessment:** Helping leak managers in identifying root causes of losses. Then WaterCloud calculates the size of the leak & helps in identifying the proper actions to tackle them.





Zone 1 ▾

[Insights](#)
[Events](#)
[Metadata](#)
[Constants](#)

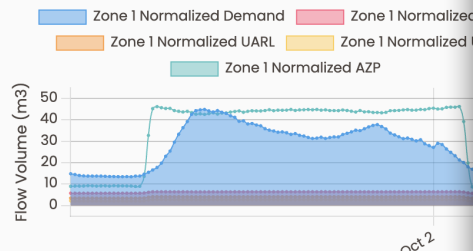
Zone 1 Daily Demand
 15 Oct 2022 - 3:00 AM

2,811.36 m³/day

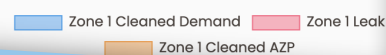
Zone 1 Daily Leak
 15 Oct 2022 - 3:00 AM

958.06 m³/day

Zone Monthly Leak Profile



Demand vs Leak



Why active leak detection should be your priority?

Keep it flowing through the taps
 Water supply continuity is the top priority for many utilities, and that's why they continuously invest in water production facilities. With all the challenges and growing stress on water resources, what if we can save more water by reducing losses in our networks?

Is it a leak? Or is it something else?
 Let's take a step back and think it over. What if there are other contributors to your losses? WaterCloud helps you break down losses into their components: real losses & apparent losses. Then you can identify the appropriate intervention to reduce those losses.

Identify the low-hanging fruit
 Short on resources? Are you making the most of those resources? By providing a holistic view on your network, WaterCloud helps you identify the most leaky bucket (pun intended) through scenario analysis and then it helps you direct your team to fix those issues and maximize your gains.

Flowless' Leak Lifecycle Management Approach

Identify the recoverable leak, and define the right interventions to tackle those leaks.

- Through **MNF analysis**, you get actionable insights to quantify leaks in each DMA. You'll get alerts for emerging leaks on WaterCloud's dashboard.
- Identify the right intervention:** Utilize WaterCloud's leak inspector to simulate potential interventions such as pressure management and assess their impact on your leak levels.
- Scenario analysis:** compare between all the scenarios across multiple DMA's & prioritize the most impactful interventions accordingly.

