AA FIRST information hub
knowledge is strength
Issue 16

What is Droople?

A smart monitoring solution that connects your water dispensing equipment to the cloud. It tracks real-time data on water usage, CO_2 levels, and other system performance metrics. Droople data enables you to make data-driven decisions, prevent downtime, deliver a consistent quality of service, and save money on operational costs.

How does it work?

Droople's technology operates through a simple three-step process: water measurement, data transmission, and data analysis. Smart sensors are installed on machine water lines, where they track usage and performance. These sensors are connected to compact devices called iLinks, which transmit the collected data to the cloud. The data is then processed and made available on Droople's online platform, allowing users to access insights and make informed, data-driven decisions.

What can it measure?

There are four sensors which monitor machine water usage, providing valuable insights on five key metrics.

By monitoring these data points in real-time, you can detect leaks early, optimise water usage, reduce waste, and improve operational efficiency leading to further cost savings and more sustainable water management.

iLink vs iLink+

Once the sensors have been installed and are collecting data, the next step in the process is transferring that data. You can set up your customers machines to send sensor data to the Droople online platform in two ways, both using iLink devices.

iLink

Connects to your sensors and transmits data to a nearby gateway, which then sends it to the cloud. Suitable for sites with multiple dispensing machines within reasonable range of the gateway.

iLink+

Connects directly to your sensors and sends data straight to the cloud, bypassing the gateway. Suitable for sites with a single machine or where equipment is spread out across a wide area.

The key difference between the two iLink devices lies in the type of customer site they're best suited for. Technically, the iLink communicates with a gateway hub using LoRa frequency, while the iLink+ transmits data directly to the cloud via an NB-IoT frequency.

Both devices operate on secure, dedicated networks that are completely separate from customer networks, ensuring maximum data protection and security.

How does the subscription work?

Getting started with Droople is simple. You'll pay an annual subscription fee for the hardware (sensors and gateway kits), and for access to the Droople platform. The subscription runs on a calendar-year basis, from January to December to keep things simple. If you join Droople mid subscription term, in the following November you'd be billed for your usage up until then, and for your next year.