All existing and installed hydrants can be retro-fitted with the S.CAP.

After commissioning of a hydrant all accessible data are registred and documented in our HAWLE.MAP immediately.

- **Permanent** monitoring of all hydrants
- **Protection** of the water supply infrastructure
- **Data transmission** to HAWLE.MAP
- **Online alarm** via e-mail or SMS
- **Statistics & evaluations**
- A **single** S.CAP is sufficient to digitise the hydrant

S.CAP

Monitoring for hydrants

CE RoHS IP68

Features

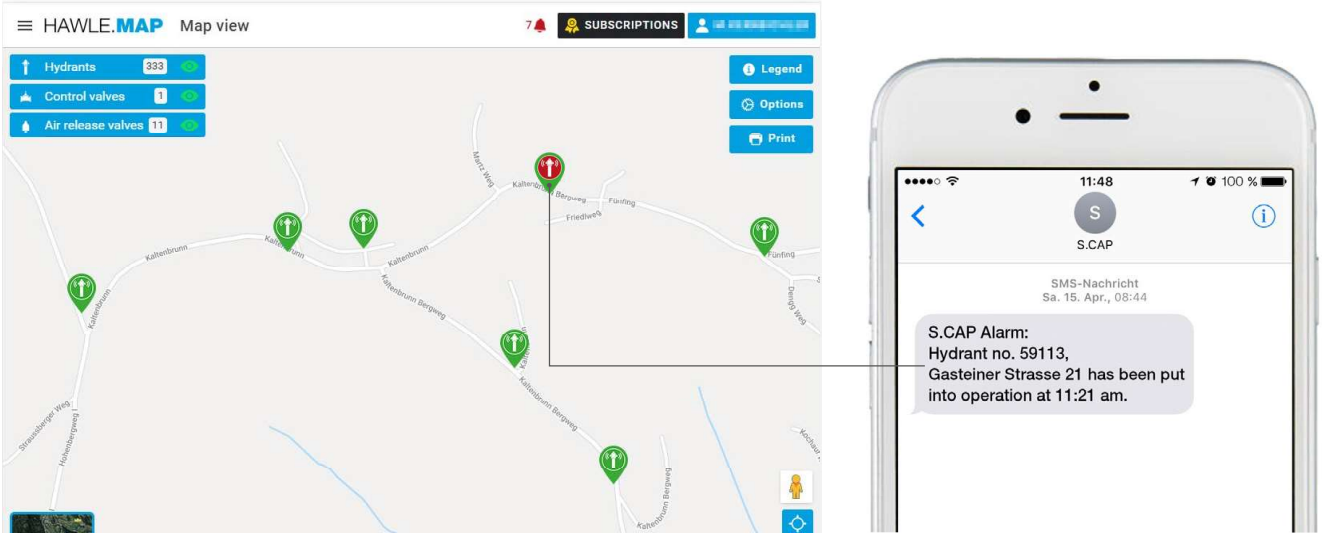
- The transmission electronics are integrated in a Storz-B cover cap. Therefore all above-ground hydrants can be easily retrofitted.
- Data transmission via GSM network
- Simple commissioning procedure via HAWLE.MAP

Applications

Hydrants are often damaged by incorrect operation and unauthorized use falsifies the water balance. The consequences can be even more serious if an unauthorized water withdrawal takes place without a safety/check valve and this leads to pollution or contamination in the drinking water piping network.

In combination with the S.CAP system, all hydrants are monitored online, and the supplier keeps track of the water withdrawals. Additionally, the supplier can check the important and direct access to the drinking water piping network.

The administration is managed in the HAWLE.MAP and operated hydrants are geographically displayed in real time/online. The immediate notification via SMS and/or e-mail can be configured using an alarm call plan.



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Edition 10/2021

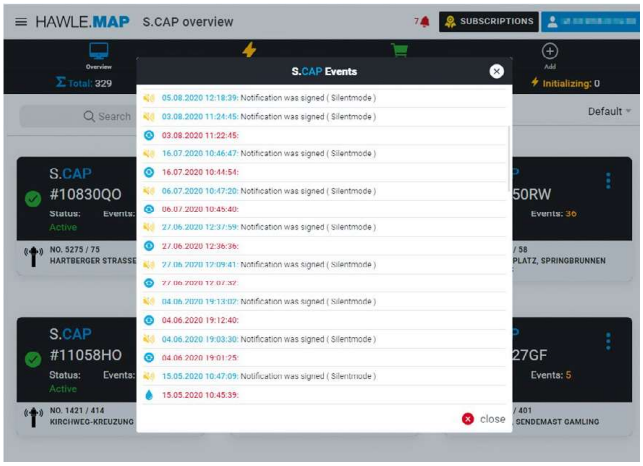
Sustainability

The overall focus lies in protecting the high-quality drinking water in the entire pipeline network. Improper operation of the hydrants can influence the drinking water quality. In a worst-case scenario, impurities/contamination can enter the drinking water supply system and cause diseases.

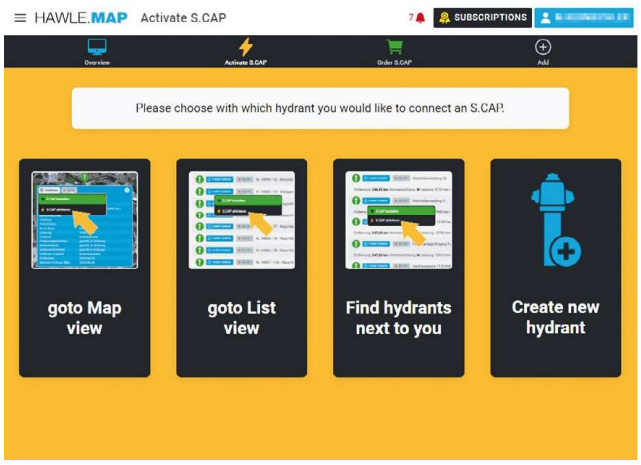
Furthermore, the S.**CAP** helps to prevent water theft. Unauthorised water withdrawal is already a problem in times of drought, and climate change will make the situation even worse.

Energy efficiency is a key argument regarding sustainability – the service life of the S.**CAP** battery is specified with a period of up to 5 years.

Pictures



S.**CAP** events



Commissioning procedure of the S.**CAP**s