



# Hawle.live KEY

Digital Operating Key for Valves

made for generations.



# Future-proof your water supply.

As the operator of a water supply network, you are faced with the challenge of operating your installations efficiently while at the same time ensuring the safety and reliability of your system. Digitalisation will help you to achieve higher quality standards and work more economically.

Using the Hawle.live KEY allows you to digitalise your gate valve infrastructure with the greatest of ease. You not only receive information about the status and position of your installations but also valuable data that will help you to optimise the efficiency of your network operations.

The contactless data exchange between the Hawle.live KEY and the Hawle.live TAGs via NFC makes it possible to digitalise the valve quickly, easily and cost-effectively without the need for wired installations. Existing gate valves can be retrofitted with the Hawle.live TAGs. Simply scan and attach and digitalisation is complete. Information about the status of your gate valves is visualised in the Hawle.live APP. As the condition of your gate valves is precisely documented, you not only enjoy greater security and control over your system but also a better basis for planning maintenance and repair operations. By choosing the Hawle.live KEY, you are investing both in the future of your water supply and in the sustainability and efficiency of your system.



Scan and see the Hawle.live KEY  
in action.

# Your KEY to digital water management.

## Operate the correct gate valve. Always.

Undefined gate valve positions cost time and money and may even lead to damage. If, for example, a gate valve in a ring main is closed, this will have no impact on the service connections, but will lead to stagnant water and could adversely affect the water supply to a hydrant in the event of fire. Shut-off valves between two pressure zones must be in the closed operational position. The Hawle.live KEY helps you to ensure that the correct gate valve is actuated and that it is in the correct position - whether open or closed.

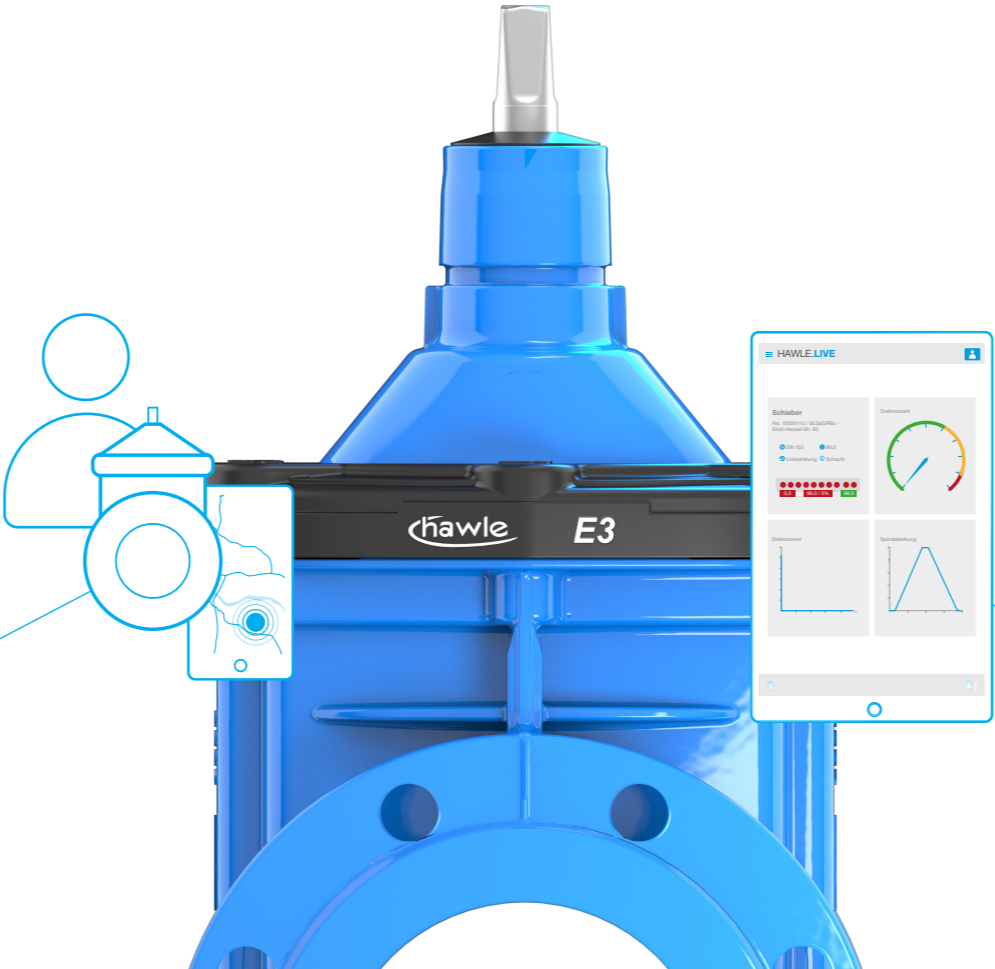


## Document automatically and legally compliant

Regular maintenance is mandatory in many countries, whereby intervals of 3-5 years have to be documented and verified. The Hawle.live KEY makes it easier for you to fulfil these requirements. It automatically documents every actuation and records health data in the Hawle.live APP, promptly and reliably.

## Improve teamwork between network control and the field technicians

Poor coordination between the head office and field technicians is inefficient and time-consuming, especially in emergencies and hectic situations. Reliable, real-time information provided by the Hawle.live KEY facilitates team collaboration in the event of a breakdown or planned renovations. Whether you are working on a tablet, smartphone or office screen, you can see instantly which gate valves have recently been actuated and if they are open or closed. This greatly simplifies communication and collaboration between teams.



## Identify replacement needs in time

A sudden increase in torque after many years of use signals that the valve may soon need to be renovated or replaced. The data generated by the Hawle.live KEY can be used to infer the health status of any actuated gate valves. In addition, the Hawle.live KEY registers the number of turns made when opening and closing the valve in order to identify any abnormalities. Increased torques can be an indication of damage to the gate valve. Comparing recorded spindle turns in relation to the dimensions of the installed valve also provides important feedback on its condition. Having documented information about the condition of your gate valves allows you to better assess any necessary investments and conduct long-term planning more effectively. The Hawle.live KEY therefore provides you with valuable data to maximise the service life of your valves and make optimum use of your assets.

# Your benefits at a glance



## Secure data exchange thanks to state-of-the-art IT standards

The Hawle.live KEY offers maximum security in terms of data transmission and storage to ensure that your information remains confidential and intact.



## Visualisation in the Hawle.live APP

The user-friendly map display and comprehensive analysis functions allow you to remain focused on essentials at all times.



## Quick installation on site with minimal effort

The Hawle.live Key can be installed to any existing valve in just a few minutes, without causing any significant disruptions to the customer's operations.



## Digitalised without any batteries, power supply or data line

Thanks to state-of-the-art technology, the Hawle.live KEY works entirely without battery, power supply or data line in the street cap. This reduces operating and installation costs.



## Intuitive operation via a user-friendly interface

The Hawle.live KEY is simple and intuitive to operate. When the gate valve is actuated, the Hawle.live KEY provides direct feedback to the installer.



## Professionals when it comes to digitalisation

With Hawle Service GmbH at your side, you benefit from an expert boasting a wealth of practical experience in the field of valve maintenance.



## Compatibility with standard gate valve models

The Hawle.live KEY can be used on all valves with a standard cap top and thereby offers a universal and flexible solution.



## Integration into existing customer control systems

Seamless integration into customer systems enables the status data of the actuated valves to be incorporated, thereby providing efficient documentation of their network.



## Suitable for retrofitting to existing gate valves

Gate valves can be digitalised simply and easily using NFC technology based Hawle.live TAG without the need for extensive conversion work.

# The digital platform for your water supply system.

The Hawle.live APP allows you to monitor and track your water supply system completely digitally. Gate valves, hydrants, control valves and air release valves are visualised in the user interface. The status, location and current position of the components can be viewed live anytime, anywhere - whether on the road on your mobile phone or on the desktop at the control centre. The data from your water network components flows into the Hawle.live platform and provides precise information for monitoring your infrastructure. As a water utility, you can increase your responsiveness and the reliability of your systems.



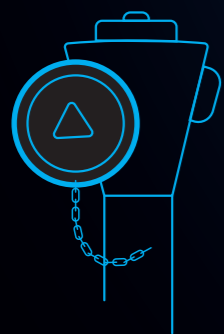
## HAWLE.LIVE APP

### The importance of digitalisation in water supply

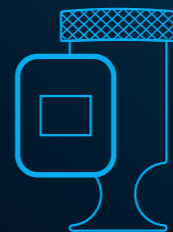
Water is a vital resource that is becoming increasingly important in times of climate change and population growth. The reliable supply of clean drinking water and the fight against water pollution require new solutions. With digital twins that digitally replicate real water networks, these networks can be effectively monitored and respond to challenges such as urbanisation and climate change. Digital technologies such as the Hawle.live range play a key role in this by providing data on the condition and performance of water networks.



### HAWLE.LIVE CAP



### HAWLE.LIVE BOX



### H4.LIVE



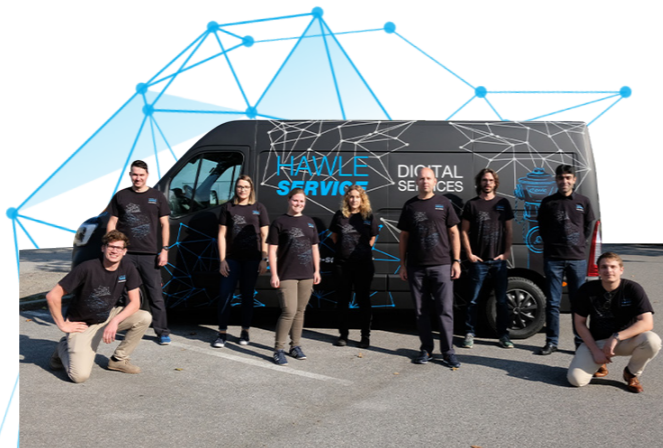
### HAWLE.LIVE KEY



# Hawle Service GmbH

## Your partner for consultancy & service.

Hawle Service GmbH is a reliable partner for Austrian drinking water suppliers. An experienced team of service technicians are on hand throughout Austria to carry out maintenance work, ensure compliance with inspection regulations and precisely localise leaks in the drinking water network. The pursuit of innovation is the driving force behind the company's commitment to developing solutions such as the Hawle.live APP, Hawle.live CAP and Hawle.live BOX, and to making active contributions to the future of water supply. The company also develops digital products for drinking water supply, such as monitoring systems for hydrants, which help to safeguard drinking water.



## How the Hawle.live KEY was created

Our customers' requirements were clearly defined: they were looking for information about the exact location of their gate valves, their current positions and relevant health condition. An innovative approach led to the development of the Hawle.live KEY, which integrates the sensors and electronics into the operating key. The service vehicles at the waterworks are equipped with the electronic Hawle.live KEY, while the large number of existing gate valves in the pipeline network are retrofitted with the battery-free Hawle.live TAG to enable them to be clearly identified. This innovative combination allows the system to be used economically and extensively. In addition to the position measurement, the actuating torque is also recorded and used as a basis for analysing the condition of the valves.



# Hawle.live KEY

Your key to digital water management.

## HL30LIVE

### Drive:

- Drive 3/4 inch
- Torque +/- 500 NM
- High-quality torque sensor
- Rotation detection

### Battery:

- Operating time up to 20 hours (lasts up to 8 weeks in the field)
- Charging indicator on the underside
- USB-C charging socket (quick charge)

### Connections:

- Bluetooth BLE
- NFC
- Compatible with iOS and Android

### Displays:

- 12 segments/12 LEDs redundant
- Optical & acoustic feedback
- 2 touch buttons

Height	Width	Length	Weight
143 mm	58 mm	90 mm	1329 g

In recognition of its forward-looking approach, the Hawle.live KEY was honoured with the „Aquatech Innovation Award“. This achievement underlines its pioneering vision for optimising water infrastructures worldwide.





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