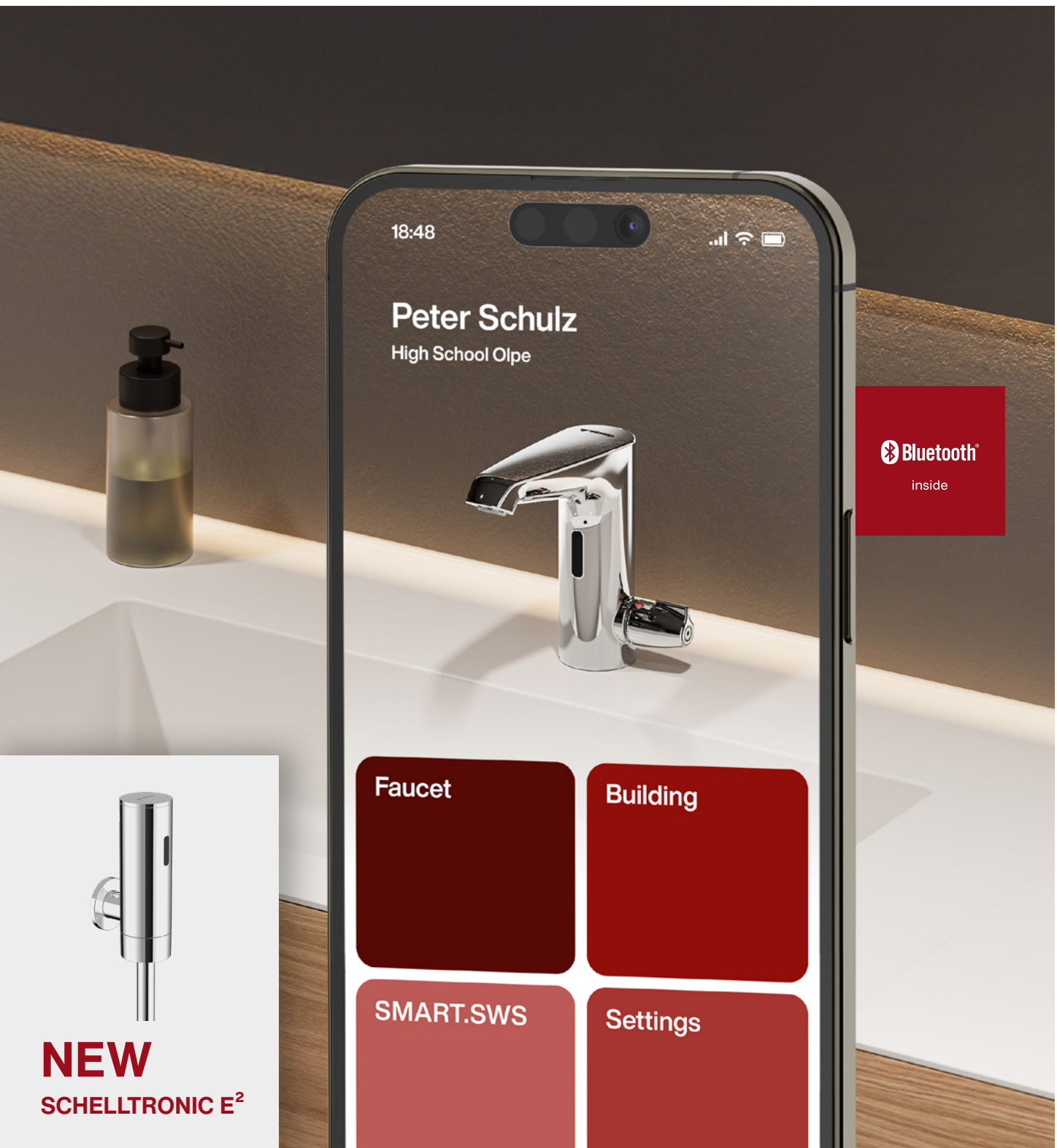


E² – simply connected

The digital fittings generation



Unique and efficient: The E² fittings generation

With innovative technology, integrated Bluetooth® and direct control via app

The digital fittings generation from SCHELL sets the standards to follow when it comes to forward-looking technologies and usability. An intuitive app, accurate operation and a striking design – E² is a truly impressive package.

Perfect for everyday practice

With its factory-fitted Bluetooth® module, the digital E² fittings generation offers intuitive, lightning-fast parameter adjustment plus logging via the SCHELL app. The built-in time-of-flight (ToF) sensor technology ensures accurate operation with no accidental triggering – even while wearing reflective vests.

Simplified building management

E² offers local support for compliance with standards and regulations in building operations – both for maintaining drinking water hygiene and for specified normal operation. The convenient logging of trigger events and water consumption (calculated) also simplifies the fulfilment of legal requirements.

Benefits for building operators, facility managers, planners and tradespersons:

- Improved overview of sanitary facilities and faucets in buildings
- Local support for maintaining drinking water hygiene and specified normal operation
- Greater flexibility and better plannability for standards-compliant stagnation flushes
- Simplifies the record-keeping process needed for legal compliance with convenient logging of activated flushings and water consumption (calculated)
- Clearly structured, detailed data analysis in the app
- Innovative ToF Sensor (Time-of-Flight) for highly accurate activation without disruptions due to reflections or light reflections from e. g. reflective vests
- Settings can be adjusted to match the individual local circumstances
- Reduction to operating costs: water-saving faucets reduce water and utility costs
- Real-time configuration of faucet groups or individual faucets with an intuitive app
- Smart demand-based flushing: the perfect symbiosis of drinking water hygiene and saving water
- Attractive price/performance point
- Reliable user safety features for wash basin faucets: anti-scalding protection with ThermoProtect thermostat or hot water limiting.



XERIS E², CELIS E² and PURIS E²

The digital E² fittings generation comprises wash basin faucets from SCHELL's familiar XERIS, CELIS and PURIS series. CELIS E² and PURIS E² are equipped with a hot water limiting mechanism while the XERIS E²-T features a ThermoProtect thermostat for precise anti-scalding protection.

SCHELLTRONIC E²

The exposed SCHELLTRONIC E² urinal flush valve features a contemporary, premium design and water-efficient functions like stadium mode and hybrid flush. The adjustable odour trap flush prevents the trap from drying out while the integrated isolating valve simplifies servicing work.



Impressive benefits of E²

Take an in-depth look at the digital generation

From Bluetooth® inside to Time-of-Flight sensors, the many new and improved features introduced by E² offer a wide range of options for all installation locations and users.

Bluetooth® inside

All fittings in the digital generation come with Bluetooth® as standard.. This means that a **direct connection** can be established **between the faucet and the app**. The app offers lightning-fast commissioning for the digital fittings.

Accurate operation

Thanks to the innovative **Time-of-Flight technology**, operation of the faucets is ultra-accurate, making accidental activation due to light reflections such as from reflective vests, etc. a thing of the past. The compact and robust sensor module also has an impressive **IP67** rating.

Technician-friendly app

Every effort has been made to develop an app with an especially technician-friendly design. The app can be used to **set parameters** on individual faucets **via Bluetooth®** and **monitor** the faucet status. The group manager function saves even more time during configuration.

Stagnation flush

New setup options now offer the right solution for any use case: **scheduled flushes**, **cyclic flushes** or **smart demand-based flushing**.

Smart demand-based flushing

The perfect **sympiosis of drinking water hygiene and saving water**: Avoids stagnation periods greater than 72 hours. Flushes the remaining flushing time every day before the 72 hours have elapsed, taking into account the quantities of the previous days. Flushing is skipped if usage levels are high enough.

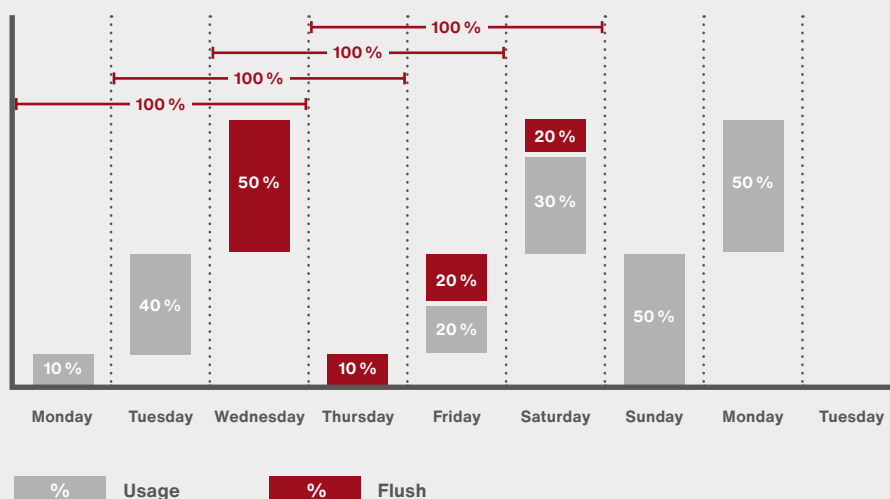
Attractive design

The digital generation showcases a timeless design that has been painstakingly engineered to include features like a robust, **vandal-proof** all-metal housing with an easy-to-clean surface.

Smart demand-based flushing

Flushing is recalculated and carried out daily, taking into account usages.

This ensures compliance with the 72-hour rule while minimising water consumption.





XERIS E²-T
electronic wash basin tap



PURIS E²
electronic wash basin tap



CELIS E²
electronic wash basin tap



SCHELLTRONIC E²
exposed urinal flush valve

Benefits at the wash basin

E² wash basin faucets



Hot water limiting

All HD-M faucets in the digital generation feature mechanical hot water limiting, which means the maximum hot water proportion **can be set individually** for the faucet. XERIS E²-T is also equipped with a ThermoProtect thermostat with reliable, accurate to the degree anti-scalding protection and immediate water stop if cold water supply fails.

Operating modes

Three preconfigured **operating modes** make it especially easy to set parameters on the E² wash basin faucets. These are the **'Save water' mode**, the **'Save electricity' mode** and the **'Comfort' mode**. Adjustments to settings can be customised even further in **expert mode**.

Benefits at the urinal

SCHELLTRONIC E² exposed urinal flush valve



Isolating valve

The SCHELLTRONIC E² comes equipped with an **isolating valve** as standard. This offers a **convenient way to work on the valve** while other urinals can remain in service.

Cleaning stop

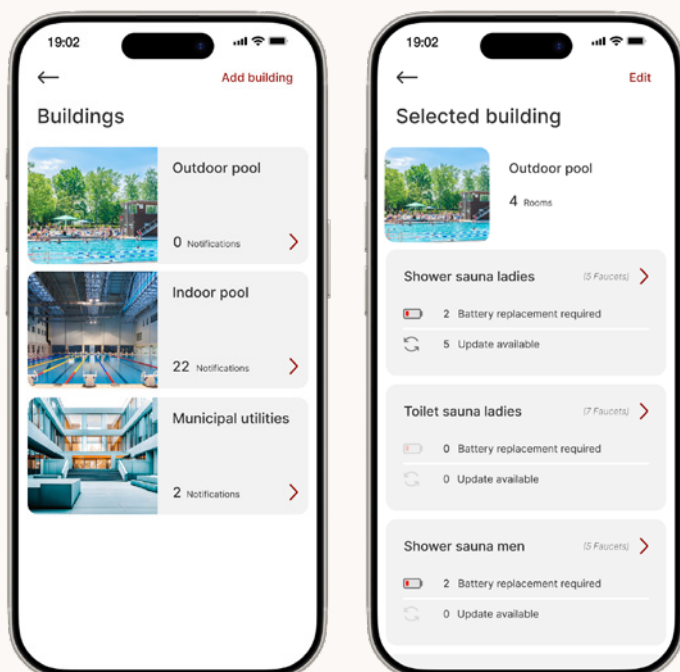
The **cleaning stop** can also be triggered on the fitting **via short range reflex** even without the app. Active cleaning mode is indicated by an LED in the sensor window.

An overview of the E² app

The app makes building management both time-saving and convenient

Rapid configuration of stagnation flushes, reliable logging and everything visible at a glance: all of this and more is offered by the new E² app. The integrated Bluetooth® technology creates a direct connection between the faucet and the app.

1



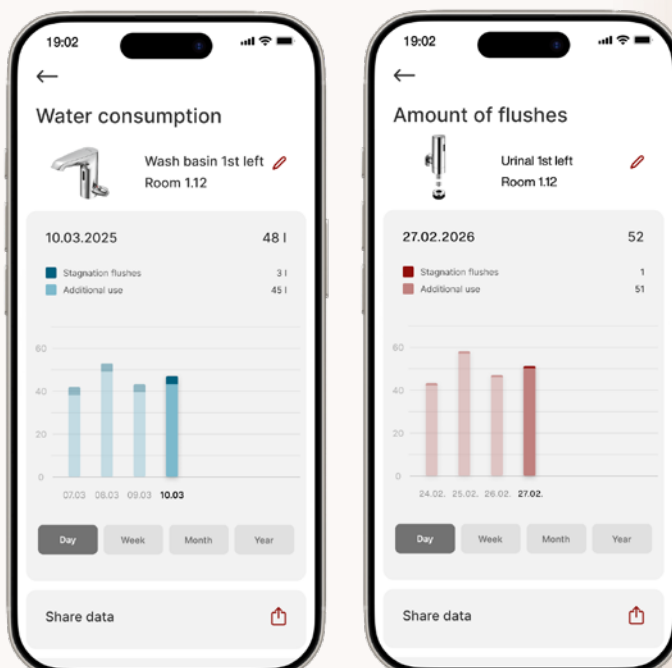
1. Building management in the app

- Create buildings and rooms
- Battery levels and actions required at a glance
- Access consolidated data from all faucets in a room
- Group manager for more efficient parameterisation and management of local faucet groups

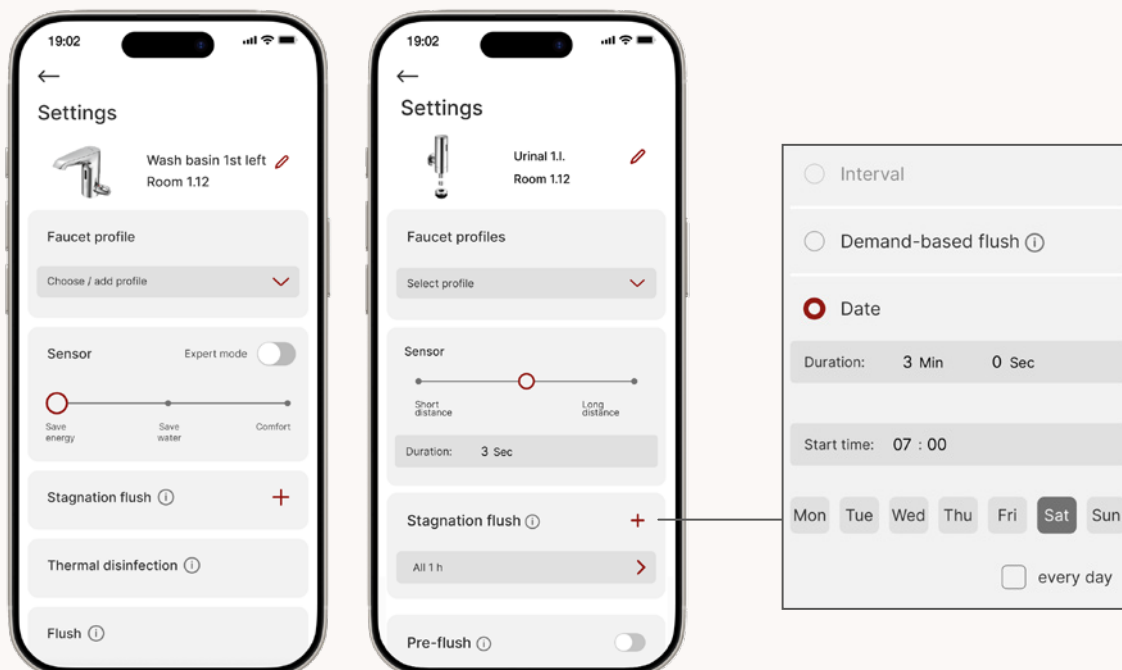
2

2. Access and save log records

- Simplifies the record-keeping process needed for legal compliance
- Logging of activations and water consumption (calculated)
- Can be saved in the app, but also externally



3



3. Set up stagnation flushes

- New setting options for better plannability, accounting for frequency of use and reduced water consumption
- Scheduled stagnation flushes are possible using a convenient schedule series
- **NEW:** smart demand-based flushing if usage levels drop below a preconfigured value within a specific period of time



App functions exclusively for E² wash basin faucets

Quick parameter setting and easy control via app

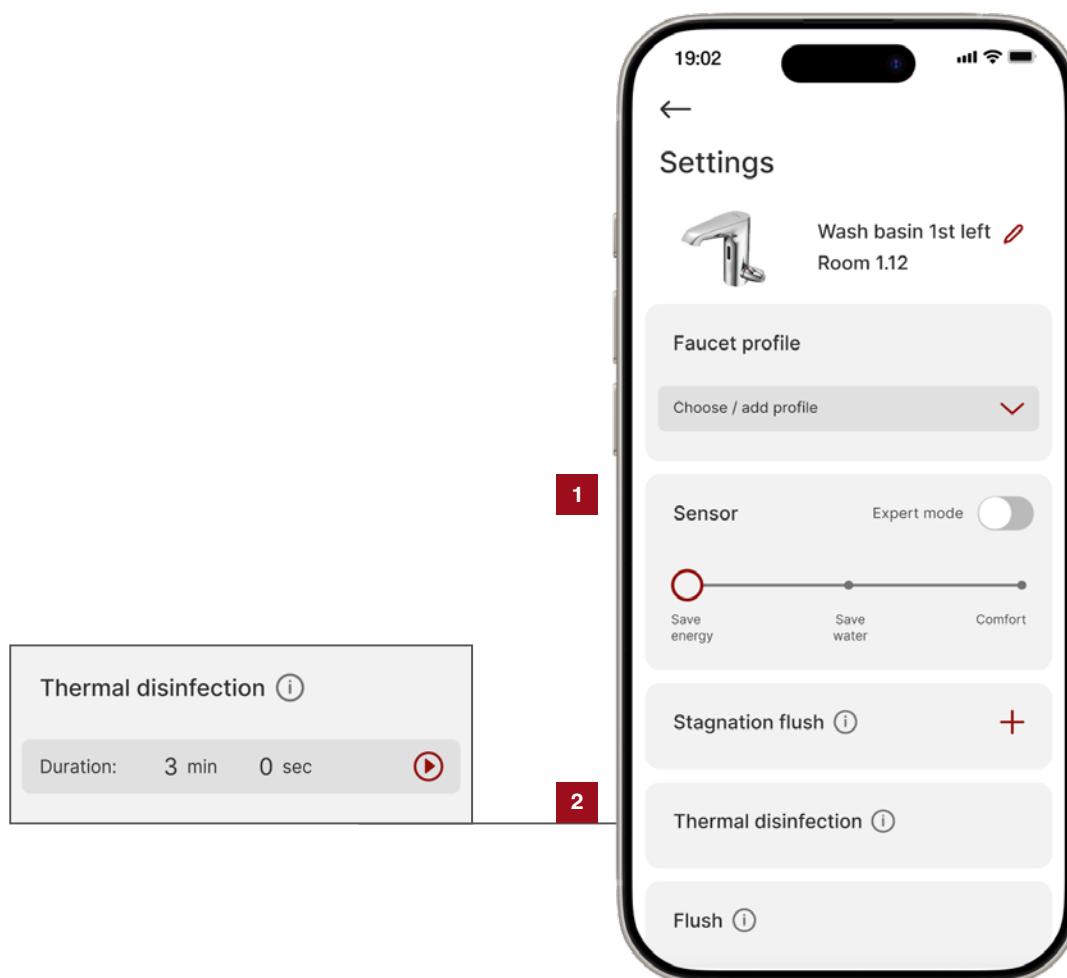
With three pre-configured operating modes, the app offers lightning-fast parameter setting for E² wash basin faucets. The app can also be used for easy and safe thermal disinfection.

1. Predefined operating modes for parameter setting

- 'Save water' mode: to cut consumption, the flow of water stops quickly when the user moves out of sensor range
- 'Save electricity' mode: power-saving sensor frequency for a long battery life
- 'Comfort' mode: quick start and long flow of water for user-friendly operation
- Expert mode: customised configuration of options to match local circumstances and customer needs

2. Activate thermal disinfection

- Via app, from a safe distance
- Selectable flow time
- Water flow starts only after confirmation dialog



Exclusive app functions for the SCHELLTRONIC E² series

Many settings configurable directly through the app

From sensor range or flush duration setup, or the configuration of programs like stadium mode or hybrid flush – the app can be used to manage the SCHELLTRONIC E² quickly and easily.

1. Stadium mode

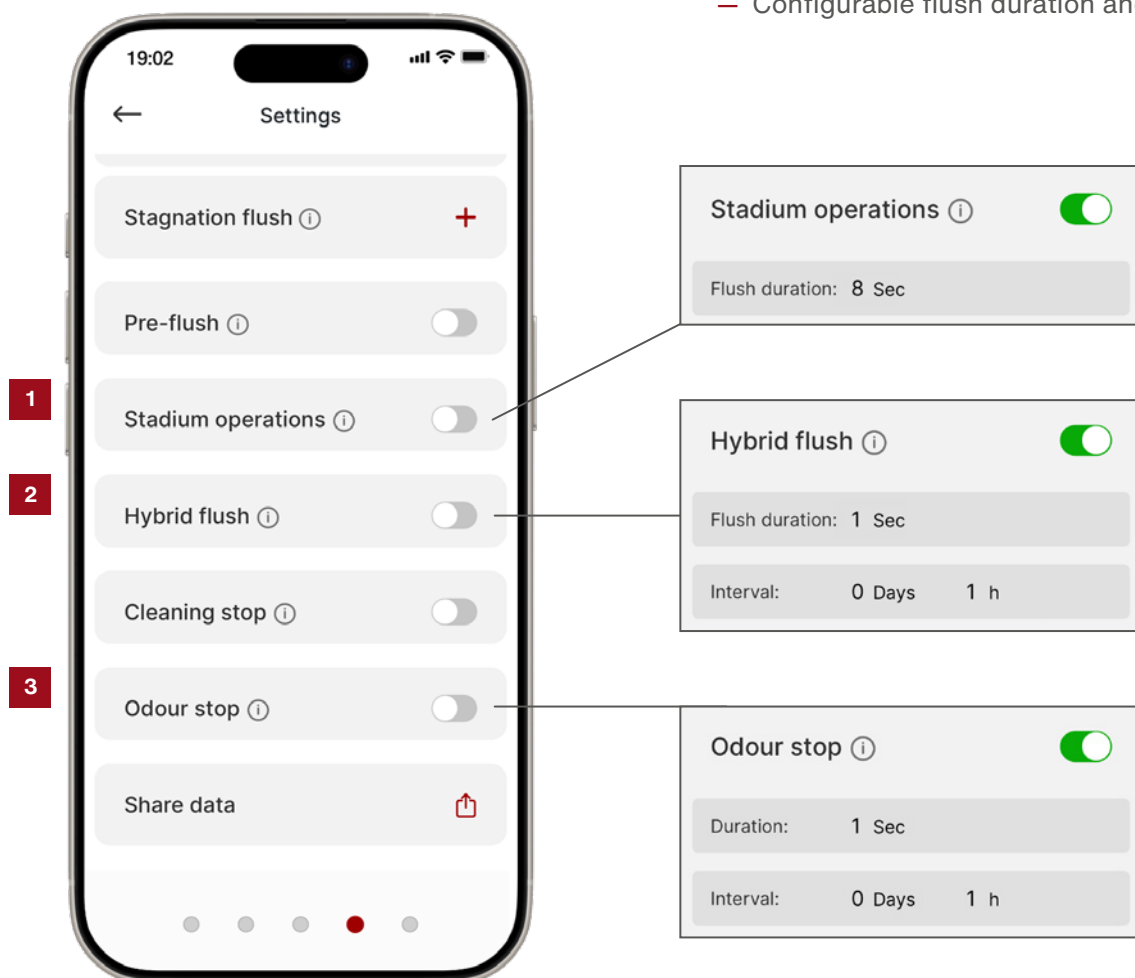
- With high usage frequency, the urinal control switches to a reduced flush duration per use
- Flush duration can be set from 1 to 10 seconds
- A main flush is triggered after the last user

2. Hybrid flush

- With hybrid urinals, the fitting does not flush with water after each use but only at predetermined intervals
- Configurable flush duration and interval
- Any incompatible functions are hidden in the app

3. Odour trap flush

- Prevents the trap from drying out
- Refills trap with water at predetermined intervals
- Configurable flush duration and interval



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