



# User Manual WatchGas SST Application

SST-APPLICATION-MAN-ENG-v1.1

08.10.2025

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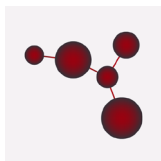
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# 1. Introduction

## 1.1 WatchGas SST Application Description



This intuitive app allows you to download gas events, configure devices and gives you the ability to tap in and out devices for full fleet traceability.

Using NFC (Near Field Communication), the WatchGas Application is fully compatible with the SST-Range™. The free app is simple and easy to use, ensuring you get the most from your gas detection fleet.

The app can be downloaded from [Google Play](#) and the [App Store](#), or by scanning the appropriate QR code below.

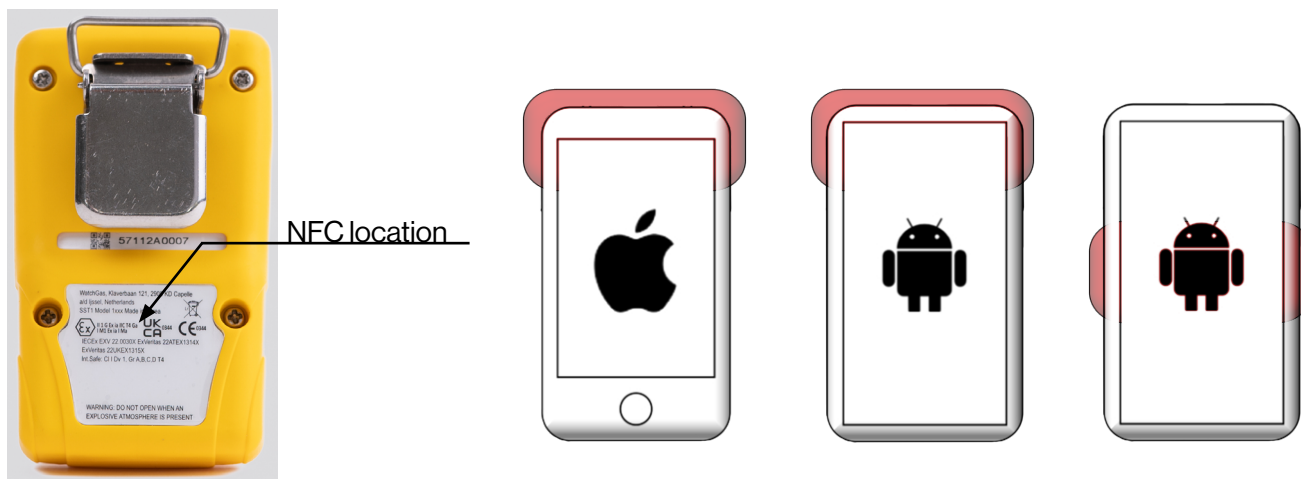


## 2. Getting Started


### 2.1 How to Tap a Unit

Ensure that your phone has NFC capability.

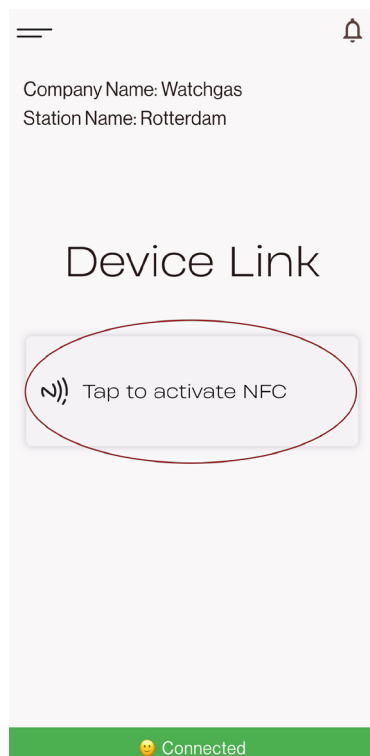
The NFC is located on the back of the detector - below the alligator clip.



Locate the NFC on the phone (normal locations shown above).

Press and hold the pushbutton on the gas detector for 1.5 seconds until there is a single beep and the NFC icon  appears in the upper right corner of the detector's display.

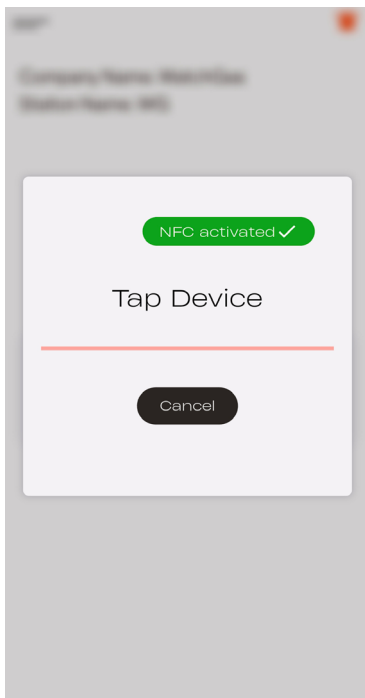
**NOTE:** The NFC on the detector will automatically deactivate after a period of 300 seconds.



With the NFC turned on in the detector, open the SST Device Link Application on the phone and press the **Tap to activate NFC** button.

Hold the NFC location on the detector and press it against the phone's NFC reader.

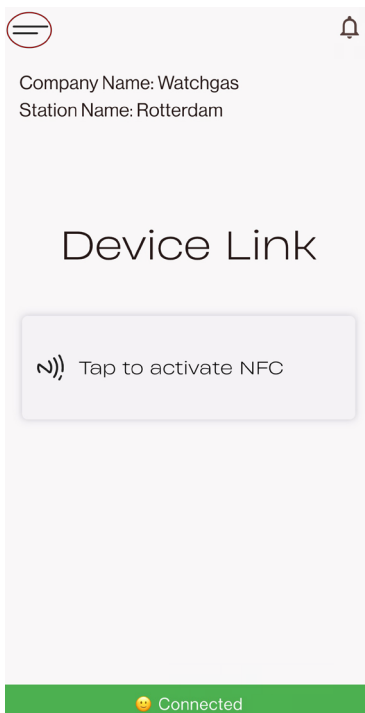




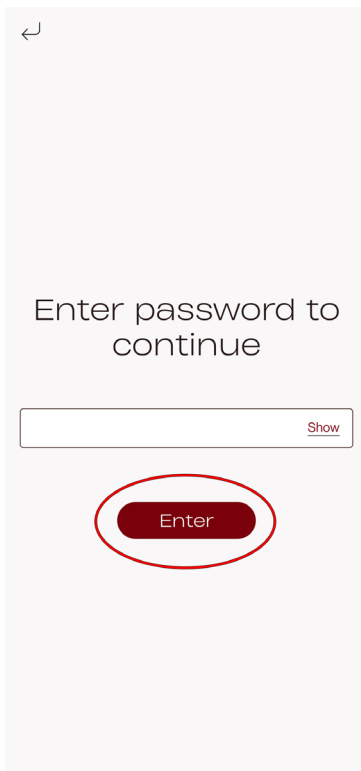
The phone gives a clear visual indication when the NFC connects.

**NOTE:** as soon as the NFC connection has been established, users don't need to keep holding the detector to the phone.

## 2.2 WatchGas SST Application Menu



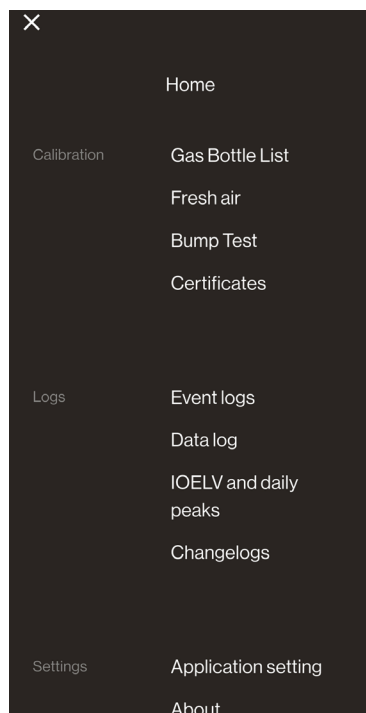
Open the WatchGas SST App and press the icon of the two lines in the upper left corner of the screen.



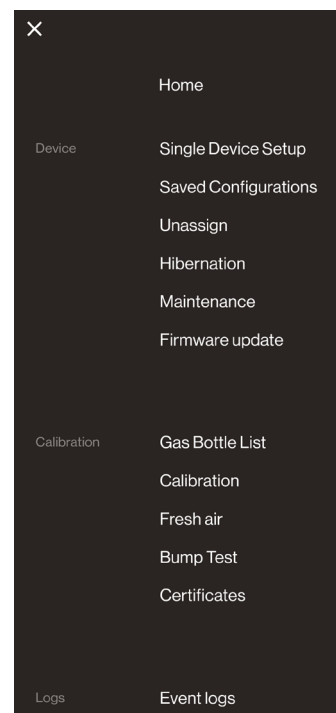
This will open up the password screen. Input **user**, or **service** and press the **Enter** button.

**NOTE:** both of these passwords can be changed.

Depending on the password used, this will open up one of two different Menu screens:



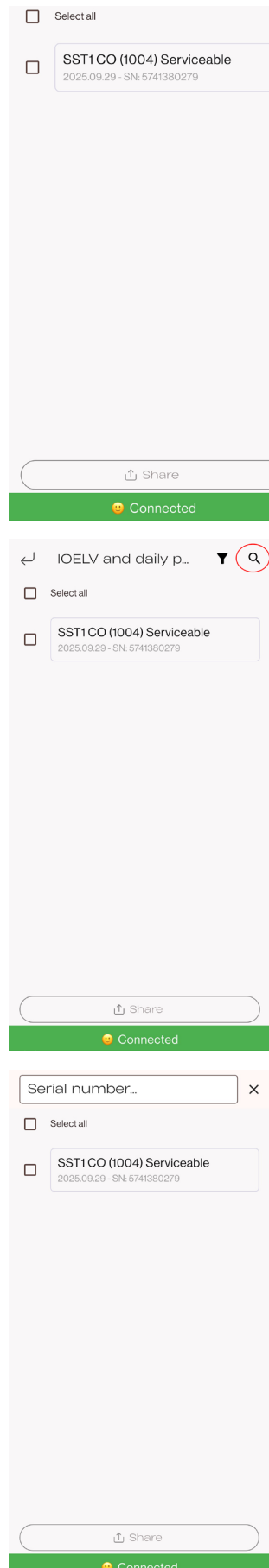
The User Menu



The Service Menu

## 2.3 Filter and Search Option

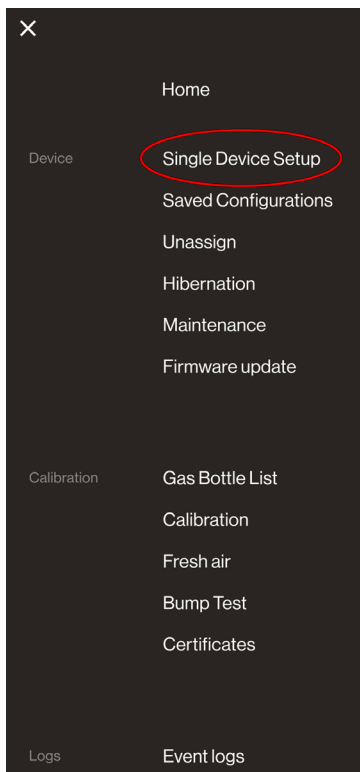
To quickly locate specific units, use the **Filter** and **Search** functions.



- **Filter:** Tap the **filter icon** to open a dedicated page where users can select the models they want to display. These Filters can be adjusted at any time.
- **Search:** Tap the **search icon** to look up a detector by its serial number.

## 3. Device Settings

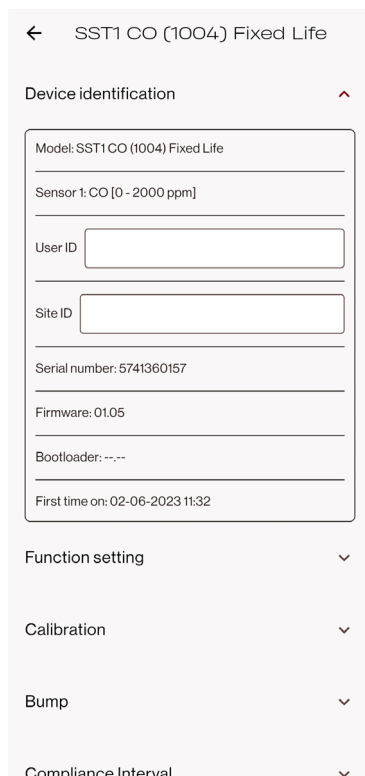
### 3.1 Single Device Setup



Press the **Single Device Setup** option, and then **tap the device**.

Refer to [How to Tap a Unit section](#) on how to tap an SST Gas Detector.

#### 3.11 Device Identification

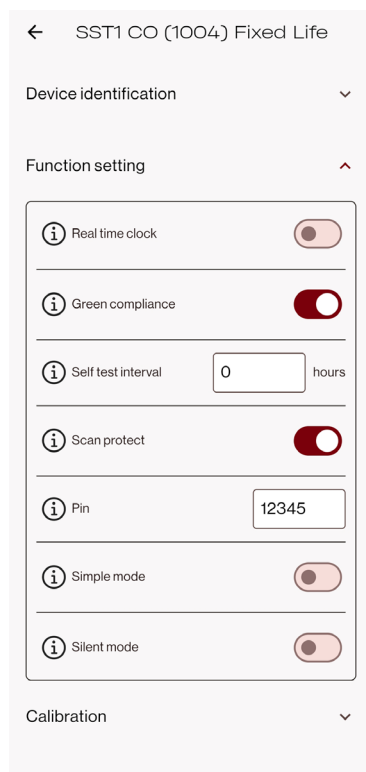


A screenshot of the 'Device identification' screen in the application. The screen has a light gray background. At the top, there is a back arrow and the title 'SST1 CO (1004) Fixed Life'. Below the title, the 'Device identification' section is expanded, showing a list of fields: 'Model: SST1 CO (1004) Fixed Life', 'Sensor 1: CO [0 - 2000 ppm]', 'User ID' (with an input field), 'Site ID' (with an input field), 'Serial number: 5741360157', 'Firmware: 01.05', 'Bootloader: --', and 'First time on: 02-06-2023 11:32'. Below this section, there are four expandable sections: 'Function setting', 'Calibration', 'Bump', and 'Compliance Interval', each with a downward arrow.

- **Model:** SST Model type.
- **Sensor:** SST Sensor type.
- **User ID:** User ID assigned to the detector.
- **Site ID:** Site assigned to the detector.
- **Serial number:** Detector serial number (non-changeable).
- **Firmware:** Detector firmware version.
- **First time on:** Time the detector has been switched on.



## 3.12 Function Setting SST1



← SST1 CO (1004) Fixed Life

Device identification

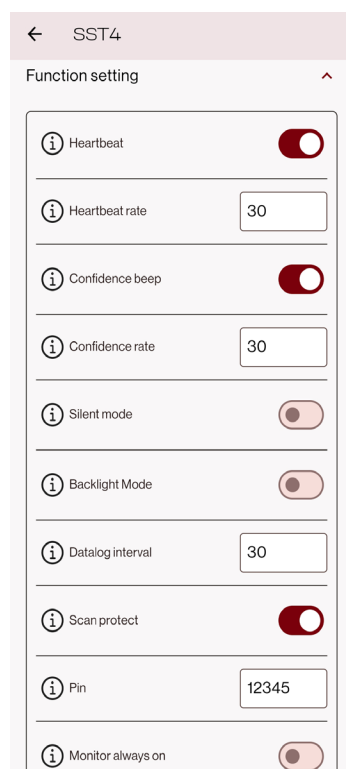
Function setting

- Real time clock
- Green compliance
- Self test interval: 0 hours
- Scan protect
- Pin: 12345
- Simple mode
- Silent mode

Calibration

- **Real Time Clock:** Switch on/off displaying the real-time clock on the detector.
- **Green Compliance:** If turned on, a compliant detector will flash a green LED every 5 minutes.
- **Self-test interval:** Interval after which the user is prompted to perform a manual self-test.
- **Scan protect:** Enable an NFC pin to protect the detector against connecting with an unauthorized Device Link.
- **Simple Mode:** When enabled, this option hides the peak indicator and smiley icons from the screen display.
- **Silent Mode:** This function mutes sounds and turns off LED, and only uses the vibrator to indicate alarms.

## 3.13 Function Setting SST4

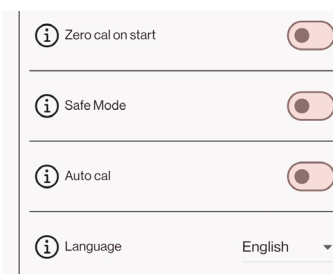


← SST4

Function setting

- Heartbeat
- Heartbeat rate: 30
- Confidence beep
- Confidence rate: 30
- Silent mode
- Backlight Mode
- Datalog interval: 30
- Scan protect
- Pin: 12345
- Monitor always on

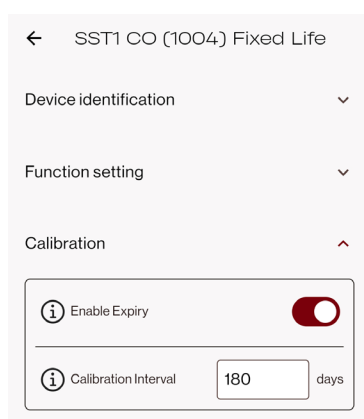
- **Heartbeat:** When enabled, the Heartbeat indicates the device status with a green, blue or red LED as per EN'60079-29. The Heartbeat Interval can be set.
- **Confidence Bleep:** When enabled, the Confidence Bleep indicates that the device is compliant. The tone's sound is 4300Hz and 150ms in length. The Confidence Rate can be set
- **Silent Mode:** This function mutes sounds and turns off LED, and only uses the vibrator to indicate alarms.
- **Backlight Mode:** The backlight automatically activates: during startup, when the pushbutton is pressed, when an alarm occurs, and when there is an alarm condition. If backlight always on is selected in the WatchGas Device Link Application, then the backlight is always on. **NOTE:** this will result in a shorter run time of the device.
- **Datalog Interval:** Enter a value (1-180 seconds). The default datalog interval is one reading every 30 seconds.
- **Scan protect:** Enable an NFC pin to protect the detector against connecting with an unauthorized Device Link.
- **Monitor Always On:** This function disables the power down function and will display LOCKED on the detector if power down is attempted.



i Zero cal on start ☒  
 i Safe Mode ☒  
 i Auto cal ☒  
 i Language English ▼

- **Zero cal on start:** When enabled, the sensors automatically zero during the startup self-tests. The Zero cal on start option is applied to all sensors.
- **Safe Mode:** When enabled, SAFE displays continuously on the SST4 LCD screen unless an alarm condition occurs. The Safe Mode provides visual confirmation that no (monitored) hazardous gas is present.
- **Auto cal:** When enabled, it allows calibration without using the app.
- **Language:** Opens up a list of supported languages to switch the detector to. By default, detectors are set to English.

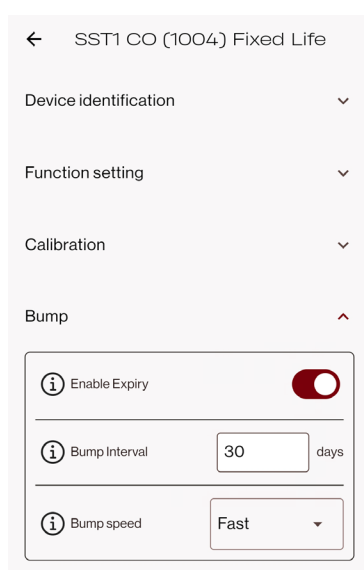
### 3.14 Calibration



← SST1 CO (1004) Fixed Life  
 Device identification ▼  
 Function setting ▼  
 Calibration ▲  
 i Enable Expiry ☒  
 i Calibration Interval 180 days

- **Enable Expiry:** Enable/disable calibration interval.
- **Bump interval:** Calibration interval in days.

### 3.15 Bump

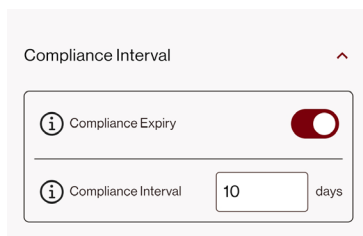


← SST1 CO (1004) Fixed Life  
 Device identification ▼  
 Function setting ▼  
 Calibration ▼  
 Bump ▲  
 i Enable Expiry ☒  
 i Bump Interval 30 days  
 i Bump speed Fast ▼

- **Enable Expiry:** Enable/disable bump interval.
- **Bump interval:** Bump interval in days.
- **Bump speed:** Set % of gas applied required to pass bump test.
  - Fast: 50%
  - Medium: 70%
  - Slow: 90%

**NOTE:** the Bump speed setting does not change the allowed time for a bump test.

## 3.16 Compliance Interval



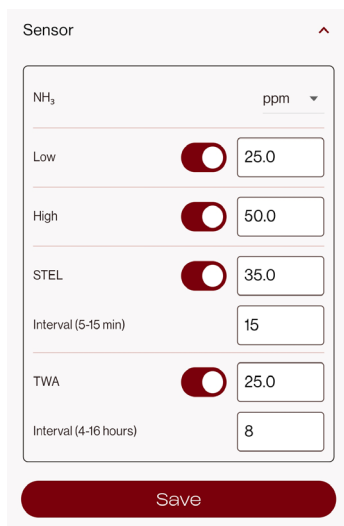
Compliance Interval

Compliance Expiry ☒

Compliance Interval 10 days

- **Compliance Expiry:** Enable/disable compliance interval.
- **Calibration interval:** Compliance interval in days.

## 3.17 Sensor Settings



Sensor

NH<sub>3</sub> ppm

Low ☒ 25.0

High ☒ 50.0

STEL ☒ 35.0

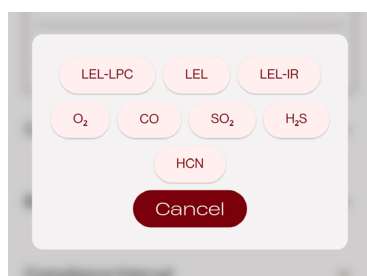
Interval (5-15 min) 15

TWA ☒ 25.0

Interval (4-16 hours) 8

Save

In the Sensor setting tab, users can see the list of sensors on the detector, change the measurements from ppm to mg/m<sup>3</sup> (for O<sub>2</sub> devices, this is locked to vol%), manually set the alarm Low and alarm High thresholds, and, if applicable, the STEL threshold and Interval, as well as the TWA threshold and interval.



LEL-LPC LEL LEL-IR

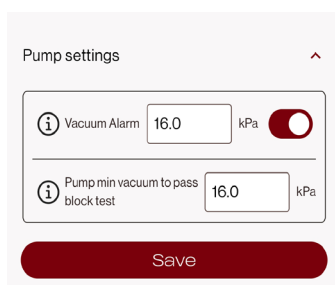
O<sub>2</sub> CO SO<sub>2</sub> H<sub>2</sub>S

HCN

Cancel

For SST4 detectors, there is an option to add a sensor: LEL-LPC, LEL, LEL-IR, O<sub>2</sub>, CO, SO<sub>2</sub>, H<sub>2</sub>S, or HCN.

## 3.18 Pump Settings



Pump settings

Vacuum Alarm 16.0 kPa ☒

Pump min vacuum to pass block test 16.0 kPa

Save

- **Vacuum Alarm:** Sets the vacuum alarm.
- **Pump min vacuum to pass block test:** Minimum vacuum needed to pass the block test.

## 3.19 Health Data

←

SST1 CO (1004) Fixed Life

Compliance Interval

▼

Sensor setting

▼

Health data CO

▲

PPM hours: 8441

Peak reading: 100 ppm

Factory calibration: 131 counts/ppm

Last calibration: 131 counts/ppm

Sensor SN: 1009878

Last calibration date: June 02 2023 10:17

Last bump date: June 02 2023 10:17

Unit data

▼

Save

In the Single Device Setup, various parameters indicating detector health can be viewed:

- **Ppm\*hours:** accumulated gas exposure, indicating sensor health.
- **Peak reading:** All-time peak reading registered.
- **Factory calibration:** sensor output during factory calibration.
- **Last calibration:** sensor output during last field calibration.
- **Sensor SN:** Gas sensor serial number.
- **Last calibration date:** Date on which the last successful calibration was performed.
- **Last bump date:** Date on which the last successful bump test was performed.

## 3.20 Unit Data

←

SST1 CO (1004) Fixed Life

Bump

▼

Compliance Interval

▼

Sensor setting

▼

Health data CO

▼

Unit data

▲

Min. temp: 11.5 °C 52.7 °F

Max. temp: 31.1 °C 88.0 °F

Battery SN: MAR230632

Battery run time: 364 days 13 hours 11 minutes

Days on: 364

In alarm: 0 minutes

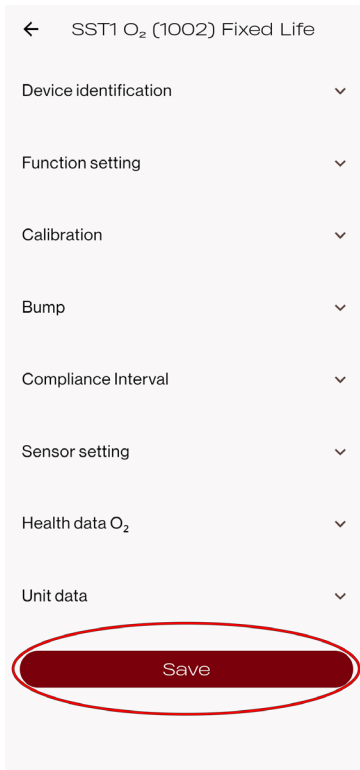
Save

In Single Device Setup various parameters related to the detector can be viewed:

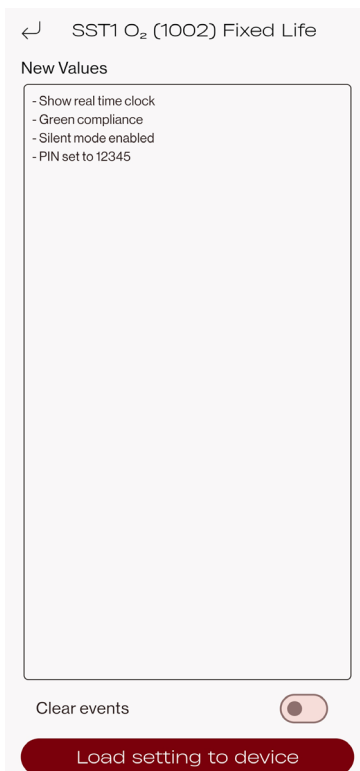
- **Min temp:** all-time minimum temperature in Celsius and Fahrenheit.
- **Max temp:** all-time maximum temperature in Celsius and Fahrenheit.
- **Battery SN:** Battery serial number.
- **Battery run time:** total battery runtime.
- **Days on:** How many days the detector has been turned on.
- **In alarm:** Total minutes the detector has been in alarm.



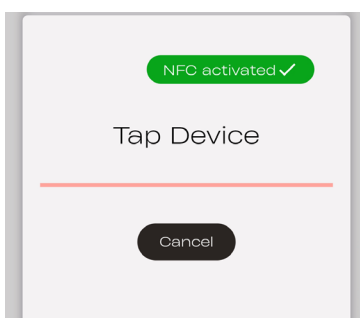
## 3.21 Save Changes



To save changes made, press the **Save icon** at the bottom of the screen.



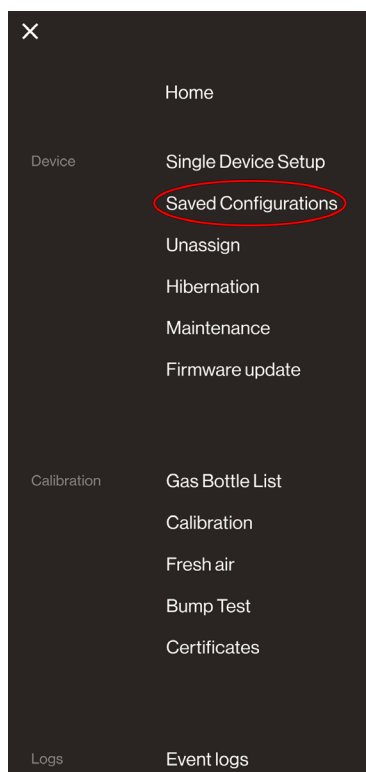
This will open up a new screen with all of the new values listed.



Press the **Load setting to device** button to load all the new setting to the detector.

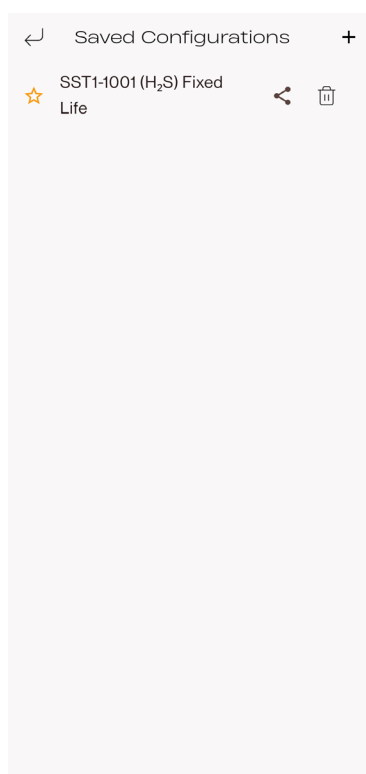
Tap the device to load in the new settings to the device.

## 3.2 Saved Configurations



Saved Configurations in the WatchGas Device Link Application can be used to create saved configuration files which can be used to quickly and easily configure multiple detectors.

To create or load a saved configuration, navigate to **Saved Configurations**.



To load an existing Saved Configuration file, select one from the list. To share a Saved Configuration, press the **share icon**, and to delete a Saved Configuration, press the **bin icon**.

To create a new Saved Configuration, press the **plus icon** in the upper right corner.

← Saved Configurations

Select Model

Select the required device from the list below:

SST1

SST4

Next, select the SST model.

← Saved Configurations

Select Model

Choose the gas type from the list below:

SST1 H<sub>2</sub>S (1001, 1201) Serviceable

SST1 H<sub>2</sub>S (1001, 1201) Fixed Life

SST1 O<sub>2</sub> (1002, 1203) Serviceable

SST1 O<sub>2</sub> (1002, 1203) Fixed Life

SST1 SO<sub>2</sub> (1003, 1204) Serviceable

SST1 SO<sub>2</sub> (1003, 1204) Fixed Life

SST1 CO (1004, 1202) Serviceable

SST1 CO (1004, 1202) Fixed Life

SST1 NH<sub>3</sub> (1008, 1207)

SST1 H<sub>2</sub> low (1009)

SST1 Model List

← SST1 O<sub>2</sub> (1002) Fixed Life

File Function ▾

Function setting ▾

Calibration ▾

Bump ▾

Compliance Interval ▾

Sensor ▾

Save

SST1 model example

← SST4

File Function ▾

Function setting ▾

Calibration ▾

Bump ▾

Compliance Interval ▾

Sensor setting ▾

Pump settings ▾

Save

SST4

← SST1 O<sub>2</sub> (1002) Fixed Life

Device identification ▾

Function setting ▾

Calibration ▾

Bump ▾

Compliance Interval ▾

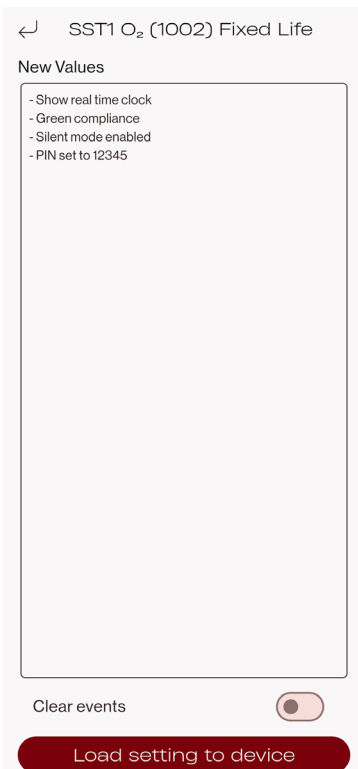
Sensor setting ▾

Health data O<sub>2</sub> ▾

Unit data ▾

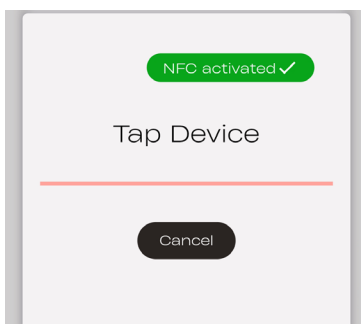
Save

To save all the changes made, press the **Save icon** at the bottom of the screen



This will open up a new screen with all of the new settings listed out.

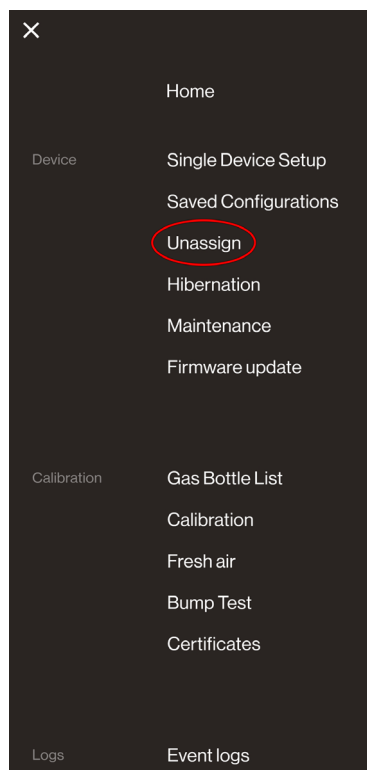
Press the **Load setting to device icon** to load all the new setting to the detector.



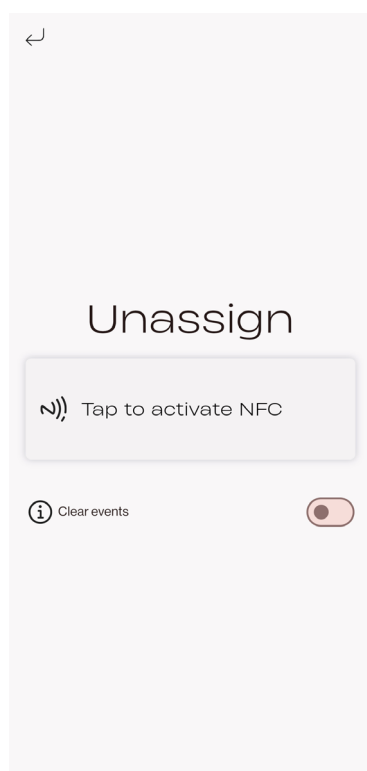
Finally, tap the device to load in the new settings to the device.



## 3.3 Unassign

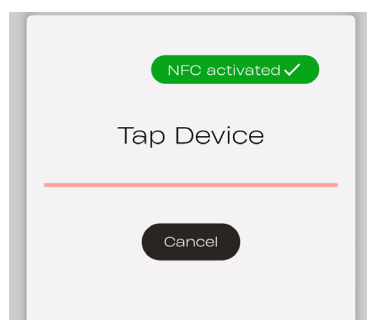


To unassign an SST1 device, navigate to the **Unassign** option.



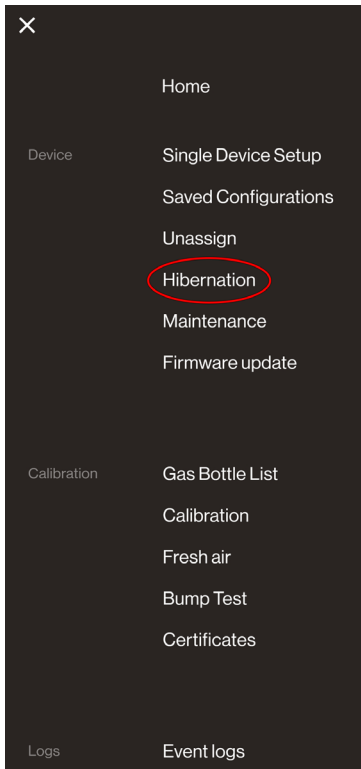
Press the **Tap to activate NFC** option and turn on NFC on the detector.

**OPTIONAL:** to clear events and datalogs from the detector, enable the **Clear events** option.

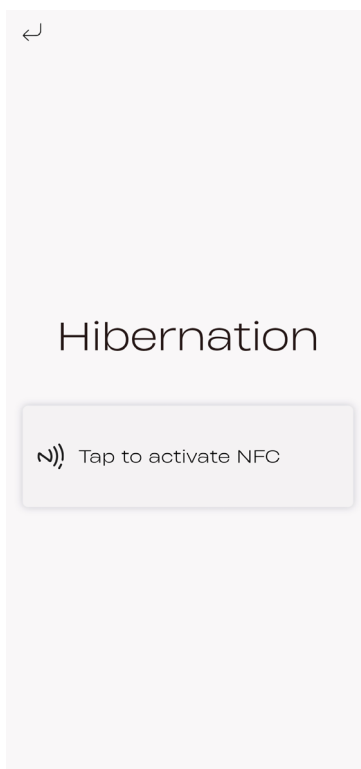


Tap the device to complete unassigning the device.

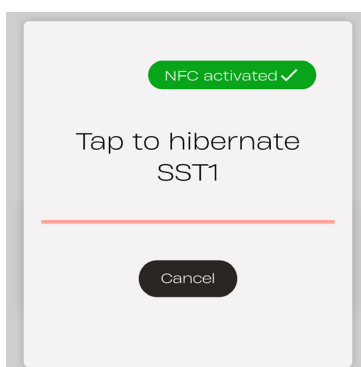
## 3.4 Hibernation



To hibernate (temporarily turn off) an SST1 device, navigate to the **Hibernation** option.

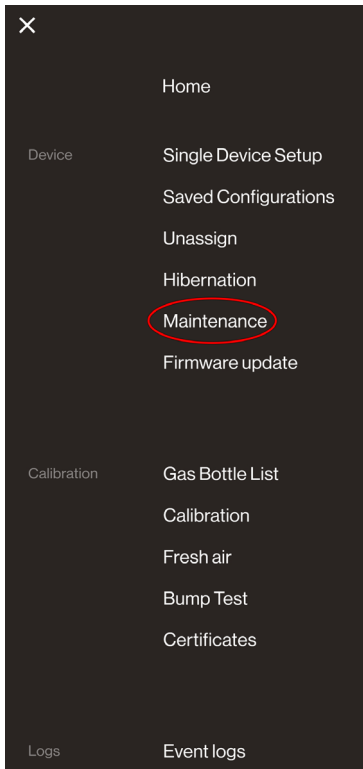


Press the **Tap to activate NFC** option and turn on NFC on the detector.

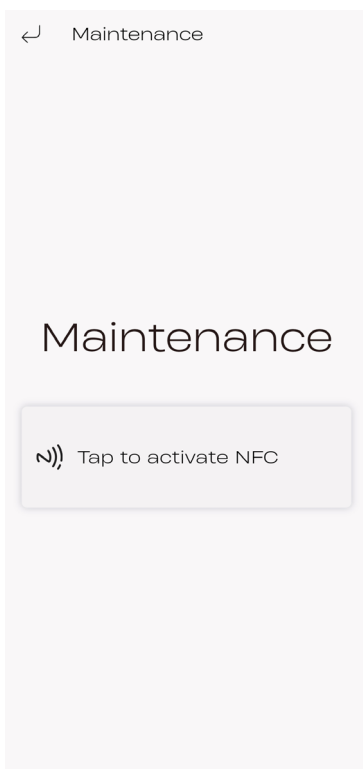


Tap the device to complete hibernating the device.

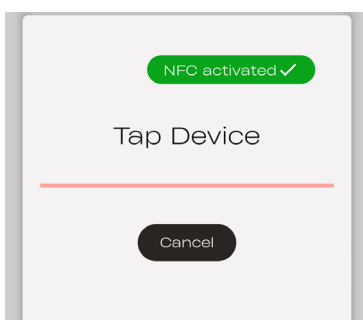
## 3.5 Maintenance



To enter the SST device into Maintenance mode, navigate to the **Maintenance** option.



Press the **Tap to activate NFC** option and turn on NFC on the detector.



Tap the device.

← Maintenance

SST1 CO (1004)  
Serviceable

Device SN	5741360157
Age health	★★★★☆
Sensor 1 SN	1009878
CO health	★★★★★
Battery SN	MAR230632
Battery health	★★★★★
PCB SN	AA34102000
PCB health	★★★★★

Lock state: None

Unlock

Below each of the serial numbers, a star rating is displayed, indicating component health:

- **5 stars** mean that the sensor performance is healthy.
- **4.5 stars** mean that the sensor performance is ok.
- **3.5 stars** mean that the sensor performance is poor.
- **2 stars or fewer** mean that the sensor performance is weak.

**NOTE:** Once a sensor's performance falls to **3.5 stars**, it needs to be replaced.

The **Device serial number** and **PCB SN** cannot be changed.

The **Sensor SN** and **Battery SN** can be changed using the **Edit** button.

Changing the Battery SN will reset the following health parameters of the device:

- **Switched on for**
- **Battery run time**
- **In alarm**

Changing the Sensor SN will reset below health parameters of the device:

- **Ppm\*hours**
- **Peak**
- **Factory calibration**
- **Last calibration**

**NOTE:** When changing components, component serial numbers must be changed using the **Device Link Maintenance**.

**WARNING:** Only substitute with original WatchGas parts. Substitution of parts always requires a full calibration prior to use.



Maintenance

Sensor 1 SN
1009878

CO health
★★★★★

Battery SN
MAR230632

Battery health
★★★★★

PCBSN
AA34102000

PCB health
★★★★★

Lock state: None

Unlock

Fault state: None

Reset Fault

Edit

An SST1 detector that has been locked because its activation time has expired can be unlocked by pressing the **Unlock** button.

Service personnel must assess the battery condition by star rating and total minutes in alarm. If the battery's lifespan cannot be guaranteed for the additional detector lifetime, the battery must be replaced.

**NOTE:** The permitted extra lifetime is 12 months.

Maintenance

Sensor 1 SN
1009878

CO health
★★★★★

Battery SN
MAR230632

Battery health
★★★★★

PCBSN
AA34102000

PCB health
★★★★★

Lock state: None

Unlock

Fault state: None

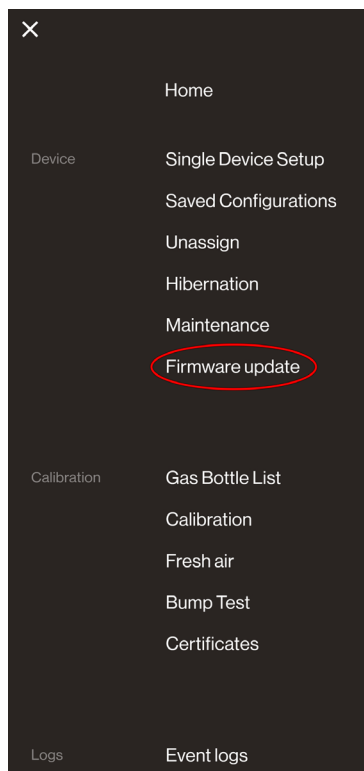
Reset Fault

Edit

After performing the necessary maintenance, a failed SST1 unit can be unlocked by pressing the **Reset Fault** button.

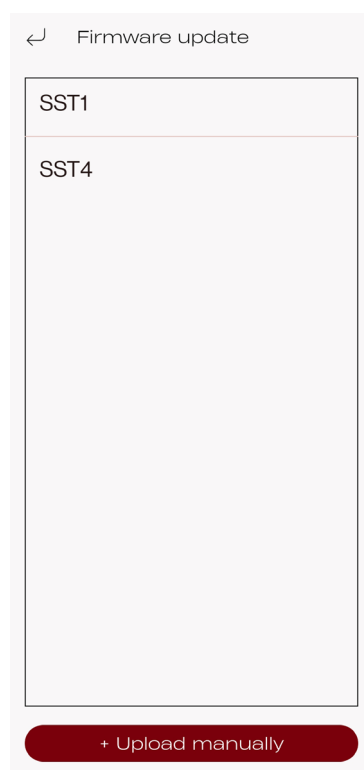
**NOTE:** Unlocking an SST1 unit without proper maintenance may void its safety function and/or intrinsic safety.

## 3.6 Firmware Update



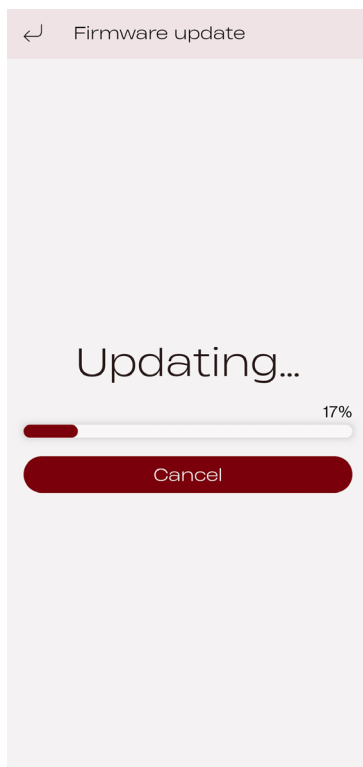
To update the device's firmware, navigate to the **Firmware update** option.

Next, select the correct model and firmware version.



Firmware update	
SST1PH <sub>3</sub> (1014)	01.07
SST1SO <sub>2</sub> (1003)	01.05
SST1O <sub>2</sub> (1002)	01.05
SST1H <sub>2</sub> high (1016)	01.05
SST1H <sub>2</sub> S (1001)	01.05
SST1CH <sub>4</sub> S (1010)	01.05
SST1H <sub>2</sub> low (1009)	01.05
SST1NH <sub>3</sub> (1008)	01.05
SST1CO (1004)	01.05
SST1SO <sub>2</sub> (1003)	00.74
SST1H <sub>2</sub> high (1016)	00.76

Firmware update	
SST4 Pump	12.30
SST4 Pump	11.52
SST4 Mini	12.30
SST4 Mini	11.52
SST4 Micro	12.30
SST4 Micro	11.11



Activate NFC on the detector.

Connect the detector to the Device Link, ensuring that the connection is not lost.

Wait for the NFC file transfer to finalize. This may take several minutes. The detector will then reboot upon receiving the firmware file.

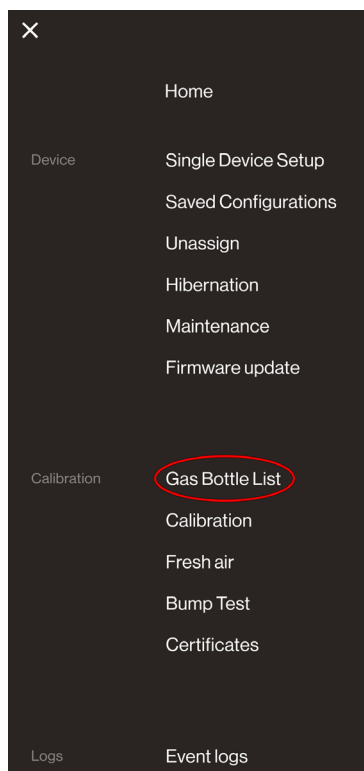
Verify the detector settings in **Single Device Setup**.

**NOTE:** After conducting a firmware upgrade, it is essential to always perform a configuration check and full calibration of the detector to ensure the system is functioning properly.

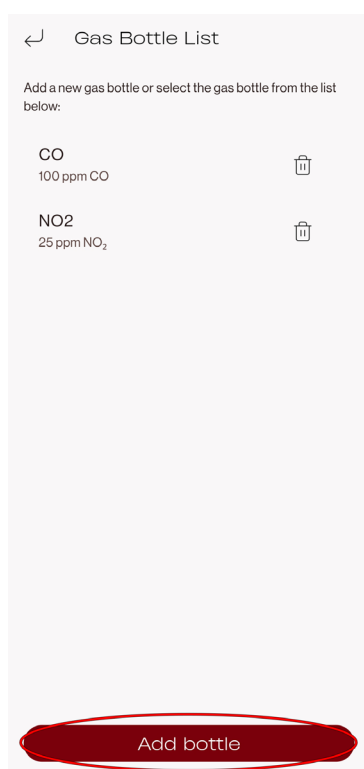
**NOTE:** Always download your data logs prior to updating the firmware.

## 4. Calibration

### 4.1 Gas Bottle List



Navigate to the **Gas Bottle List**.



Select a bottle from the list below.

Or press the **Add bottle** button to add a new bottle.

←

Gas Bottle

N)

Tap to  
activate  
NFC

QR

Scan QR  
code

Bottle name

Required field

Part number

Required field

Gas bottle type

10AL - 116L ▼

Gas bottle volume (Litres @)

116 L

Gas Concentration

+ Add gas

i

Use for CO<sub>2</sub> zero

Gas precision (%)

0

Lot number

Required field

Expiry date

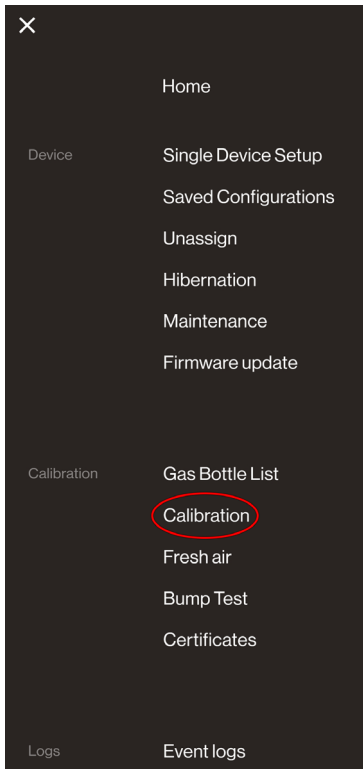
03/2025

Save

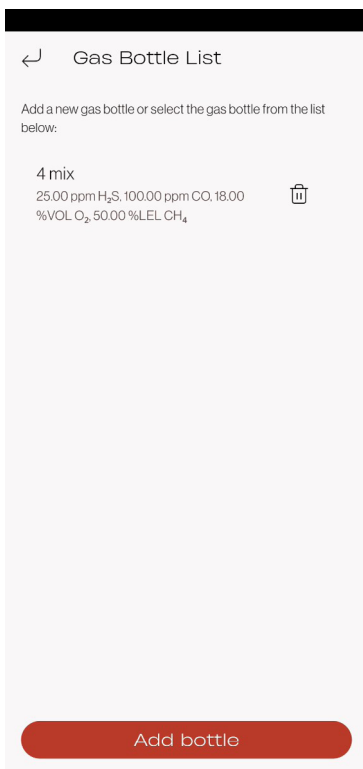
Fill out all the required information and press the **Save** button.

Alternatively, users can **scan the QR code** on the gas bottle, which will automatically fill out all the relevant data.

## 4.2 Calibration

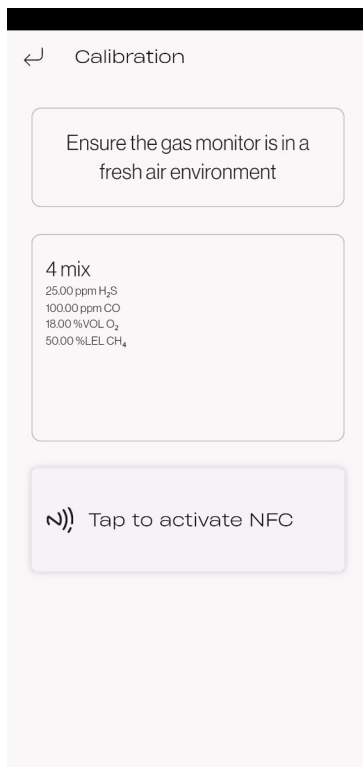


To perform a Calibration, navigate to **Calibration**.



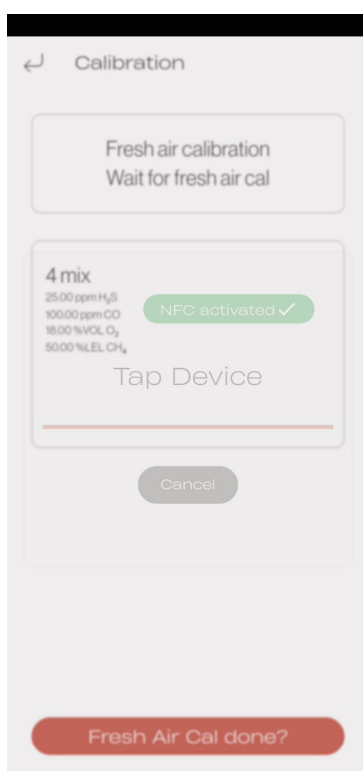
Select a bottle from the list below. Users can add bottles ahead of time using the Gas Bottle List function.

Or press the **Add bottle** button to add a new bottle.



Transition to a standard ambient atmosphere with 20.9% oxygen concentration, free of any hazardous gases.

Activate NFC on the detector and **tap to activate NFC** on the Device Link App.



The **Fresh Air Calibration** will start and a countdown time will be displayed.

Wait for the Fresh Air Calibration to finish.

Calibration

Connect gas

Wait for Span cal

4 mix

25.00 ppm H<sub>2</sub>S

100.00 ppm CO

18.00 %VOL O<sub>2</sub>

50.00 %LEL CH<sub>4</sub>

Span Cal done?

Connect the gas to the detector using the original calibration cap.

Start the flow of gas and wait for the span calibration to finish.

Do an inspection check, confirming the visual, audio, and vibrational alarms.

The Calibration result is displayed.

A successful Calibration will generate a **Calibration Certificate**.

Sign the Calibration Certificate, and press the **Next** button.

This Calibration Certificate can now be shared by pressing the **share icon** in the upper right corner.

Press the **Finish** button to complete the Calibration.

Calibration

Sensors tested

1. LEL-LPC 0 %

Pass

2. LEL-LPC 50 %

Pass

3. O<sub>2</sub> 20.9 vol%

Pass

4. O<sub>2</sub> 18.0 vol%

Pass

5. CO 2000 0 ppm

Pass

6. CO 2000 100 ppm

Pass

7. H<sub>2</sub>S 500 0.0 ppm

Pass

8. H<sub>2</sub>S 500 25.0 ppm

Pass

Next

Creating Calibration Certif...

Visible alarm check

✓

Audio alarm check

✓

Vibration alarm check

✓

Visual inspection

✓

Carried out by

jj

Next

Certificate generated

watchgas

detection

SST4 Pump

SN:

Calibration Date: July 24, 2024

Next Calibration: July 24, 2025

Bottle name: 4 mix

Lot number: 63777e

Gas precision: 2%

Calibration data

Sensor	Span Gas	Zero before	Zero adjusted	Span reading	Span adjusted	Span deviation
LEL-LPC	50.00 %LEL	0 %	0 %	50 %	50 %	-20.0 %
O <sub>2</sub>	18.00 %VOL	21.0 vol%	20.9 vol%	17.8 vol%	18.0 vol%	-1.0 %
CO 2000	100.00 ppm	0 ppm	0 ppm	99 ppm	100 ppm	-1.0 %
H <sub>2</sub> S 500	25.00 ppm	0.0 ppm	0.0 ppm	23.6 ppm	25.0 ppm	-5.6 %

Visible alarm check

Pass

Vibration alarm check

Pass

Audio alarm check

Pass

Visual inspection

Pass

Product Health: ★★★★★

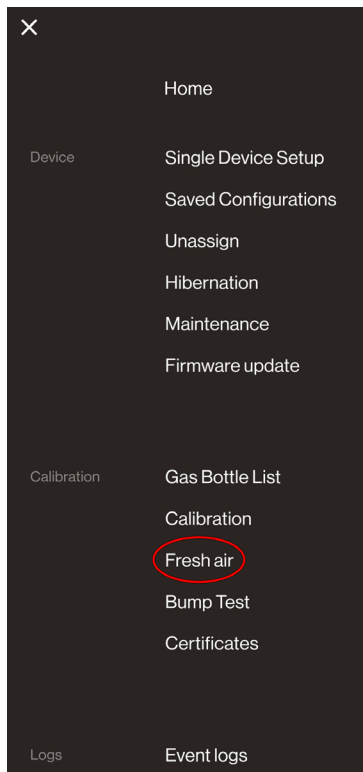
Carried out by jj

Next Calibration

Finish



## 4.3 Fresh Air



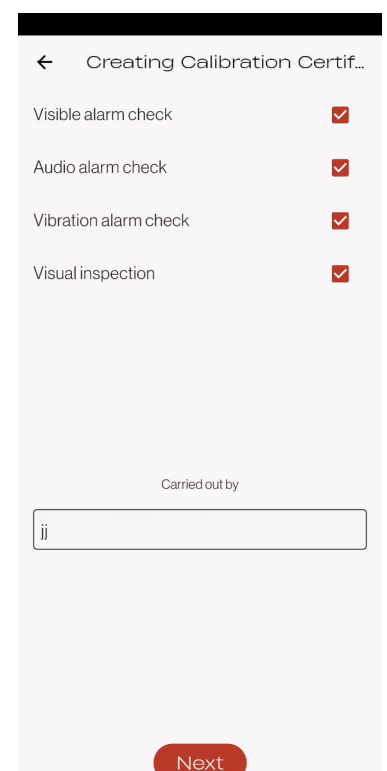
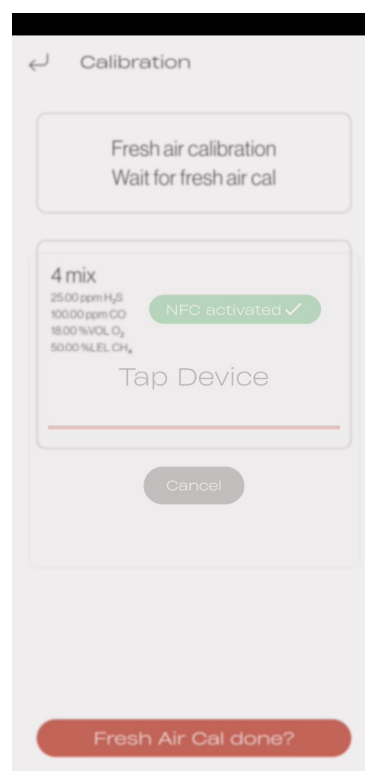
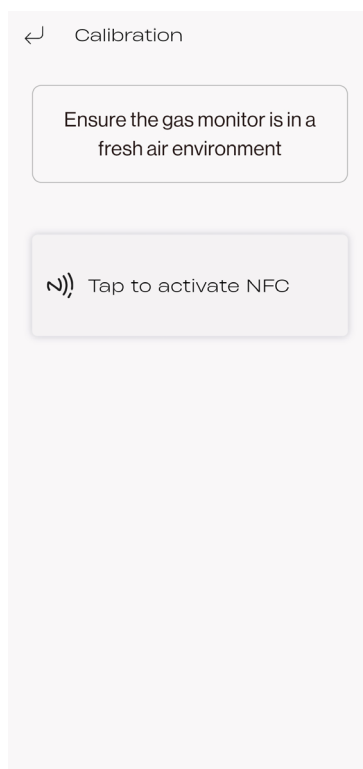
To conduct a Fresh Air test, navigate to **Fresh Air**.

Transition to a standard ambient atmosphere with 20.9% oxygen concentration, free of any hazardous gases.

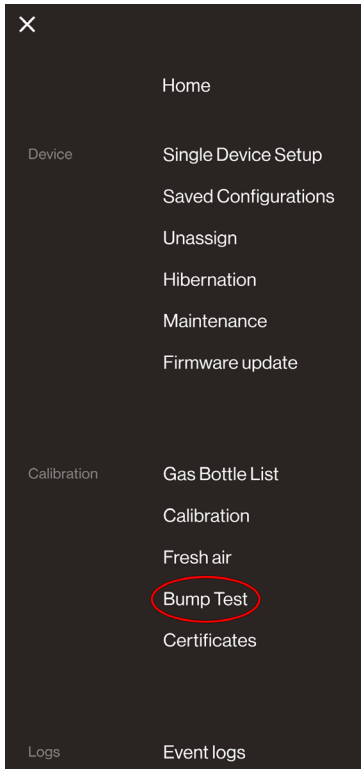
Activate NFC on the detector and **tap to activate NFC** on the Device Link App.

Wait for the Fresh Air Calibration to finish.

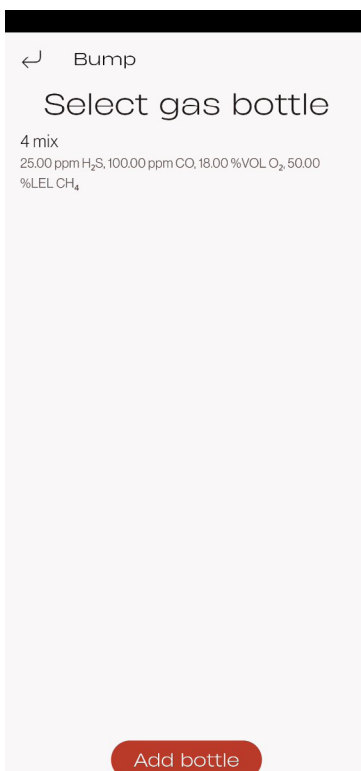
Sign the Calibration Certificate, and press the **Next** button to complete the Fresh Air test.



## 4.4 Bump Test



To conduct a Bump Test, navigate to **Bump Test**.



Select a bottle from the list below. Users can add bottles ahead of time using the **Gas Bottle List** function.

Or press the **Add bottle** button to add a new bottle.



Transition to a standard ambient atmosphere with 20.9% oxygen concentration, free of any hazardous gases.

Activate NFC on the detector and **tap to activate NFC** on the Device Link App.

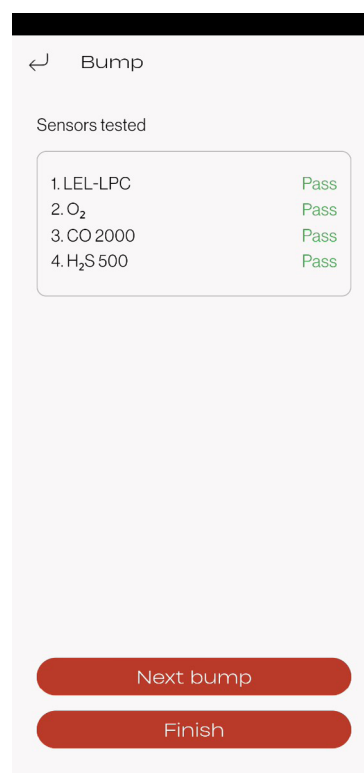
Connect the gas to the detector using the original calibration cap.

Start the flow of gas and wait for the Bump Test to finish.

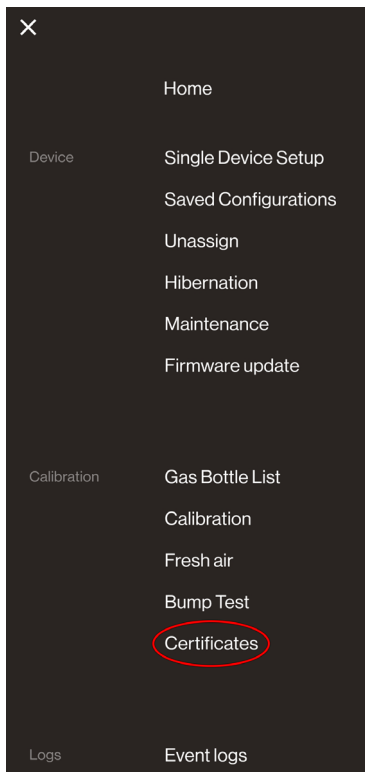
When the Detector shows PASS, stop the gas.

The Bump Test result is displayed.

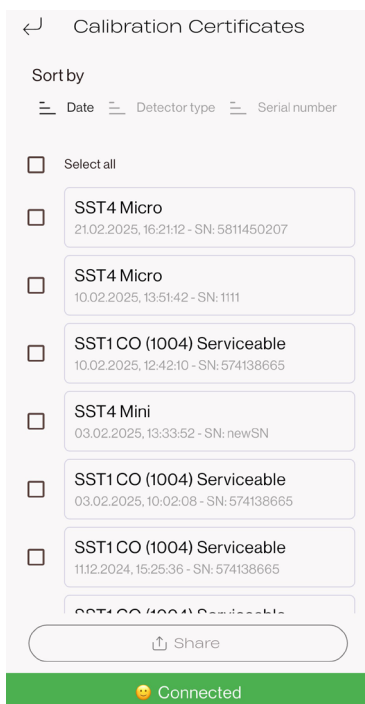
Press the **Finish** button to complete the Bump Test.



## 4.5 Certificates



To view all of the Calibration Certificates, navigate to **Certificates**.

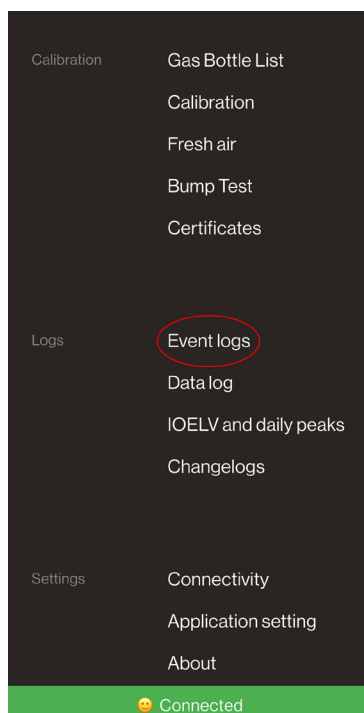


This is where all of the **Calibration Certificates** are stored.

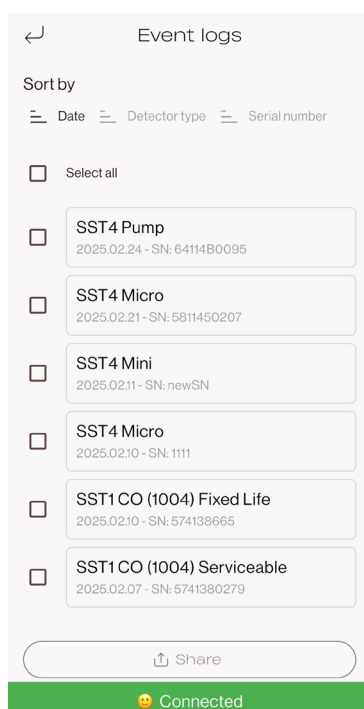
Users can share these Certificates by pressing the **Share** button on the bottom of the screen.

## 5. Logs

### 5.1 Event Logs



To view all Event logs, navigate to **Event logs**.



This is where all of the **Event logs** are stored.

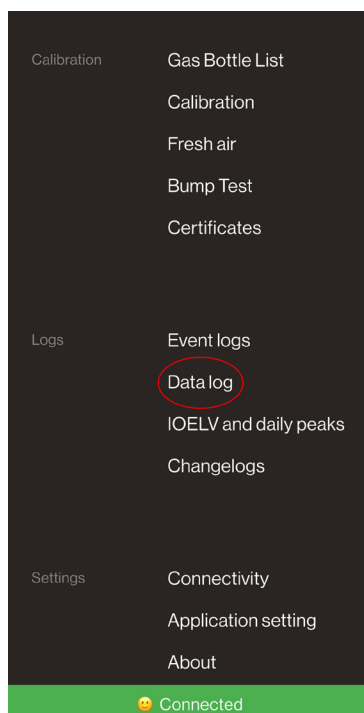
These can be sorted by **Date**, **Detector type**, or **Serial number**.

Note that users can also share these by pressing the **Share** button at the bottom of the screen.

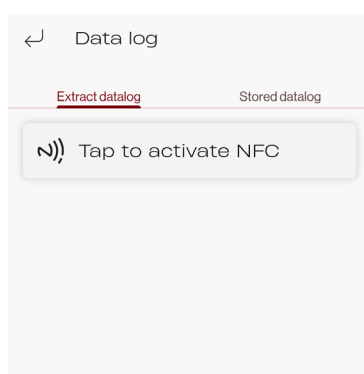
SST4 Pump	
COMPLIANT	24.02.2025, 10:04:24
Session started	24.02.2025, 10:03:48
Session finished	24.02.2025, 09:03:46
Autozero Pass	24.02.2025, 08:54:48
User accepted Auto zero confirm	24.02.2025, 08:54:18
Autozero start	24.02.2025, 08:54:18
Switched on	24.02.2025, 08:53:03
Session started	24.02.2025, 08:53:03
Session finished	26.01.2025, 16:34:45
Switched off by user	26.01.2025, 16:34:45
H <sub>2</sub> S Pass @ 24.9 ppm	26.01.2025, 16:32:59
CO Pass @ 99 ppm	26.01.2025, 16:32:59
O <sub>2</sub> Pass @ 170.421%	26.01.2025, 16:32:59
🟢 Connected	

Select the Detector from the list to see all of the event logs that the detector has recorded.

## 5.2 Data Log

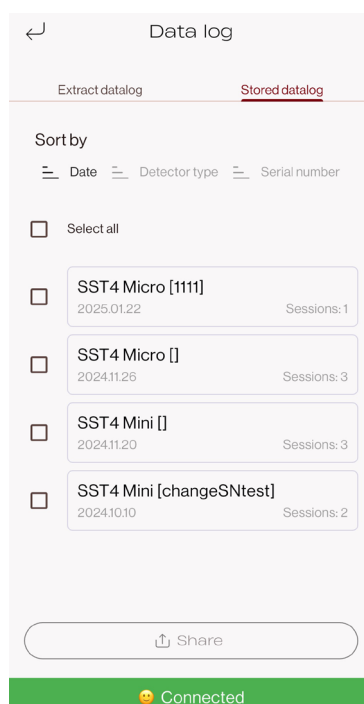


To view all Data logs, navigate to **Data log**.



This is where users can extract the datalog from the detector, as well as see all the stored datalogs.

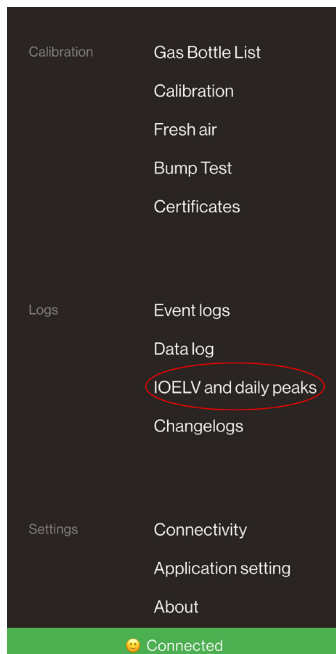
To extract the datalog from the detector, turn on the NFC on the detector and press the **Tap to activate NFC** button.



To see all stored datalogs, press the **Stored datalog** tab.

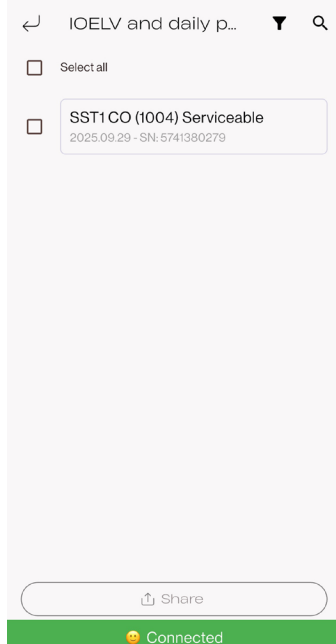
Note that users can share these data logs by pressing the **Share** button at the bottom of the screen.

## 5.3 IOELV and Daily Peaks



To view all IOELV (indicative occupational exposure limit values) and daily peaks on all SST1 units, navigate to **IOELV and Daily Peaks**.

**NOTE:** To ensure accurate reporting, the SST1 unit should be tapped with a Device link or Dock app at least once every 5 days.



Select an SST1 unit from the list. Users can also filter units by type and search for specific units.

Note that users can also share these by pressing the **Share** button at the bottom of the screen.

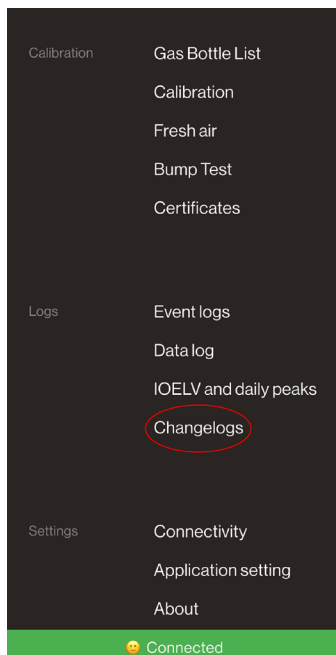


IOELV ppm hours	Peak ppm	Date
0	0	Sep 29 2025
5	6	Sep 28 2025
6	6	Sep 27 2025
0	0	Sep 26 2025
0	8	Sep 25 2025

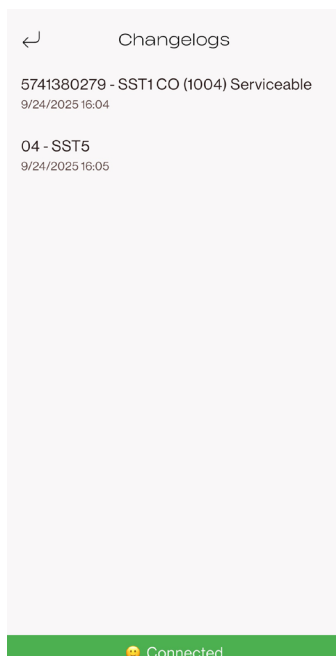
The **IOELV and Daily Peaks** is divided into three columns: **IOELV ppm hours**, **Peak ppm**, and **Date**.



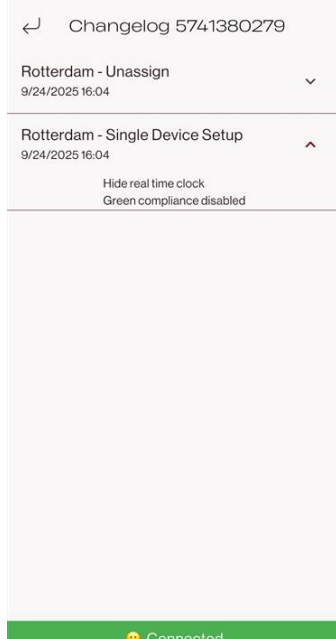
## 5.4 Changelogs



To view all changes made to unit settings, navigate to **Changelogs**.



Select an SST unit from the list.

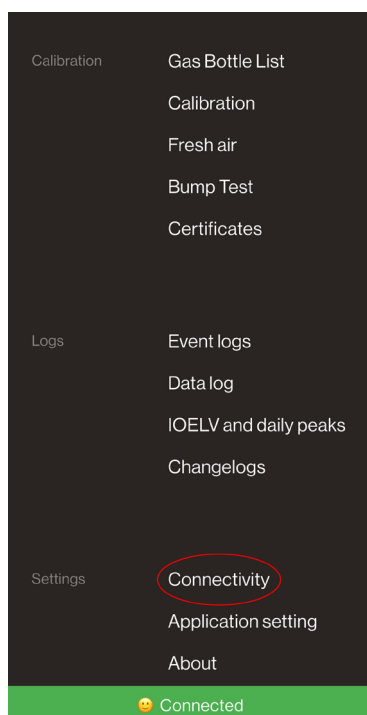


These logs are stored **per unit**, and they consist of the following categories:

1. **Single Device Setup** - Any adjustments made to Settings.
2. **Saved Configuration File (SCF)** - Setting changes file.
3. **Use for Compliance** - Same as the SCF, used for compliance purposes.
4. **Maintenance** - Service-related information.
5. **Assign** - Tracks assignment of a user and (optionally) site ID.
6. **Unassign** - Tracks removal of a user and (optionally) site ID.

## 6. Settings

### 6.1 Connectivity

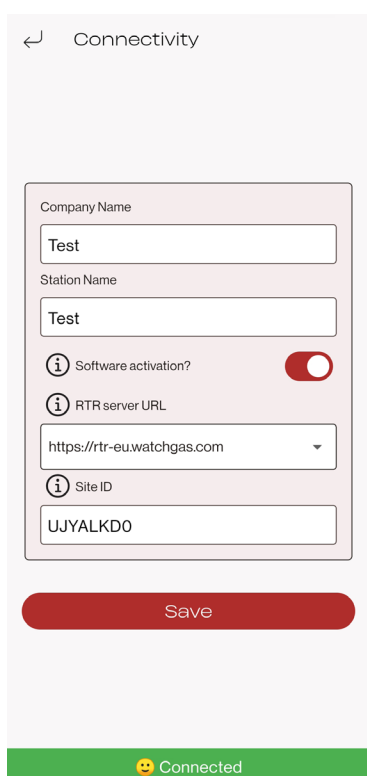


For connectivity options, navigate to **Connectivity**.

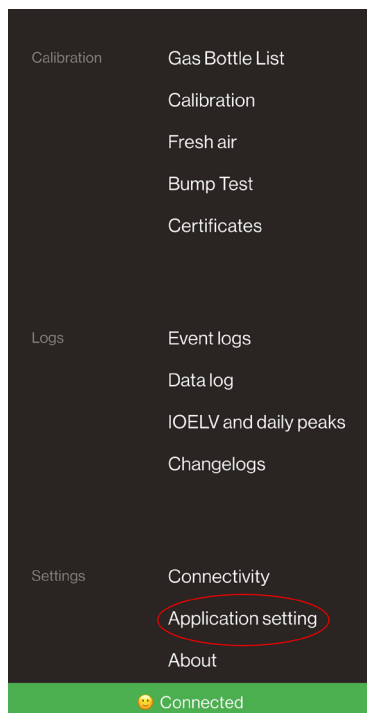
This is where users can use the Device Link to connect to the [WatchGas SST RTR Web Reporting Software](https://rtr-us.watchgas.com).

To connect to the RTR:

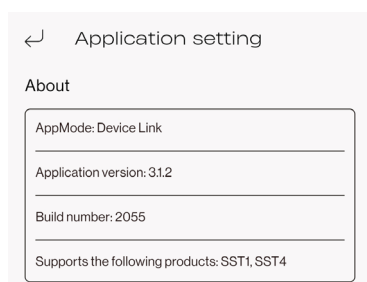
- Add the **Company Name** and **Station Name**.
- Turn on the **Software Activation?** toggle.
- Make sure that the URL is set to <https://rtr-eu.watchgas.com>, or <https://rtr-us.watchgas.com>, depending on the user's location.
- Log into the **RTR website** with the user's login credentials - <https://rtr-us.watchgas.com> for the USA, or <https://rtr-eu.watchgas.com> for the EU region and the rest of the world.
- Press the **Sites** option on the left side of the screen and find the unique **Site ID**.
- Copy this Site ID and paste it into the **Site ID** field in the WatchGas Device Link Application.
- Press **Save**.
- Look for the **Connected green banner** on the bottom of the WatchGas Device Link Application that indicates that the device link is successfully connected to the RTR Software.
- For more information regarding RTR, refer to the [RTR User Manual](#).



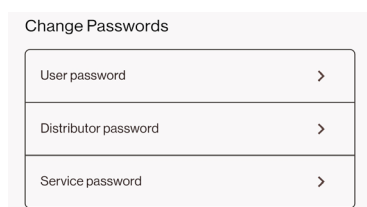
## 6.2 Application Setting



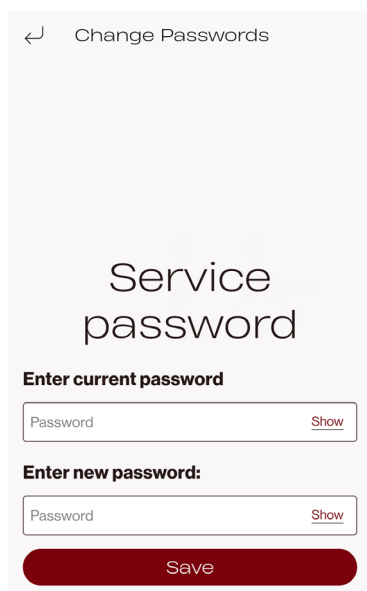
For application setting options, navigate to **Application setting**.



The **About** section lists out basic information about the app, such as the app version and build number, as well as which products it supports.

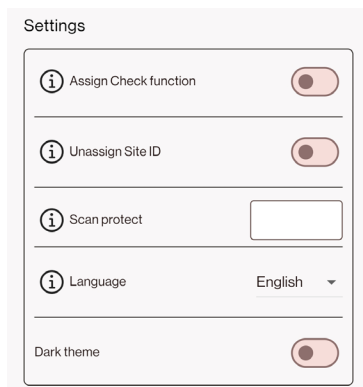


To change passwords, select the **User/Distributor/Service password**.



Input the current password in the **Enter current password** field and input the new password in the **Enter new password** field.

Press the **Save** button to save the new password.

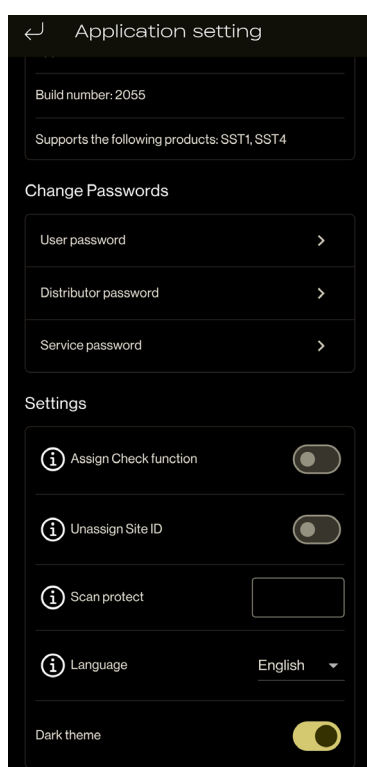


Enabling the **Assign Check Function** option triggers the Device Link to prompt users to assign any unassigned detectors to a user and site.

Enabling the **Unassign Site ID** option will unassign the Site ID of the detector.

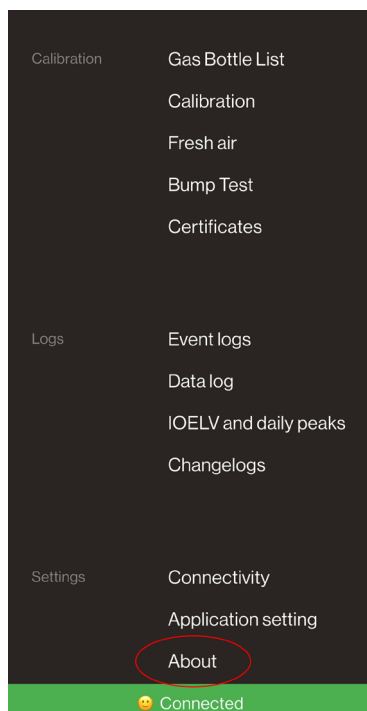
The **ScanProtect** option enables an NFC pin to protect the detector against connecting with an unauthorized Device Link.

**Language** allows users to change the language of the Device Link App. Currently, the following languages are supported: English, Arabic, Danish, Dutch, French, German, Italian, Romanian, Russian, and Japanese.

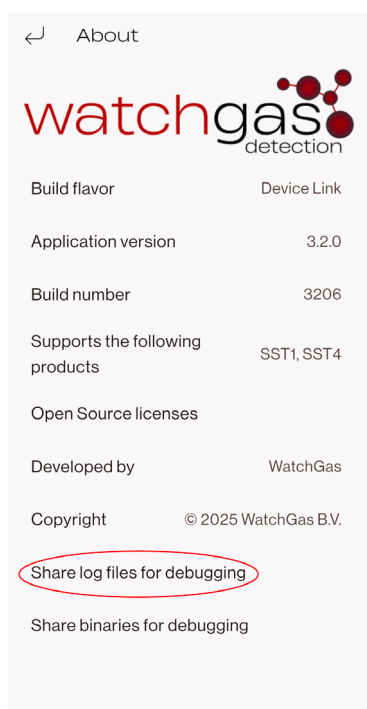


Enabling the **Dark theme** will turn on the Dark theme mode for the app.

## 6.3 About

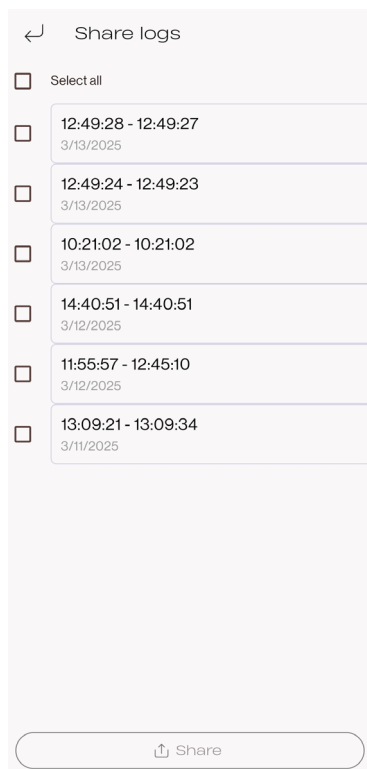


For general app information, navigate to **About**.

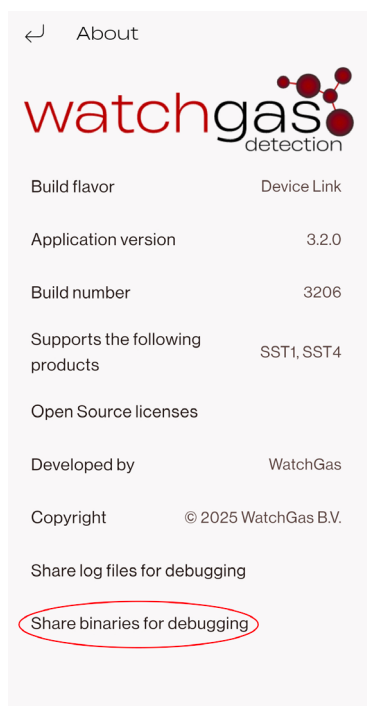


In the About section, users can see general information regarding the Device Link App. This includes info such as the application version, build number, which products the app supports, list of Open Source licenses, developer, and copyright.

To share log files for debugging purposes, press the **Share log files for debugging** option.



Select the log files for debugging and press the **Share** button.



To share binaries for debugging purposes, press the **Share binaries for debugging** option.

## 7. Notifications

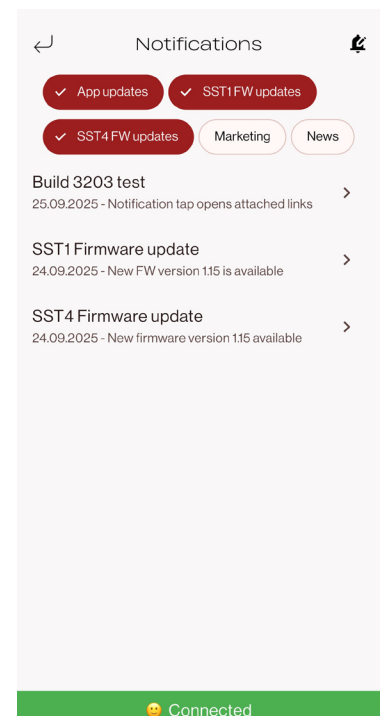
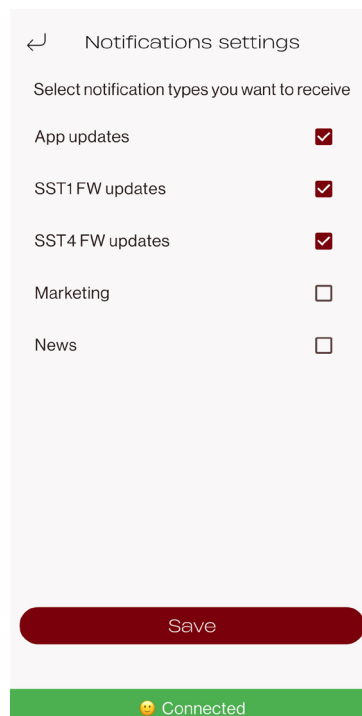
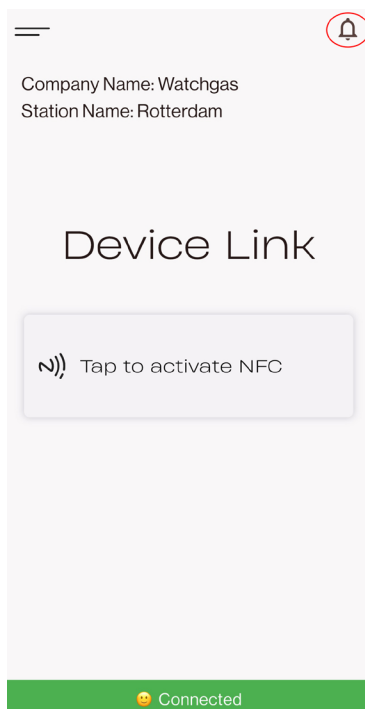
The Notification feature allows users to stay up to date with all the latest updates and news across the WatchGas ecosystem.

There are five types of notifications that users can subscribe to. These are:

1. **App Updates** - When a new app version is available for download (Device Link only).
2. **SST1 Firmware Updates** - Updates for SST1 devices.
3. **SST4 Firmware Updates** - Updates for SST4 devices.
4. **Marketing** - Information and materials on WatchGas offerings.
5. **News** - The latest updates from WatchGas.

To manage notification preferences, press the **bell icon in the top-right corner** of the welcome screen. From there, select which options to subscribe to.

When there is a notification available, the notification bell icon will be colored red.



## 8. Contact Details

### EMEA

Klaverbaan 121  
2908 KD Capelle a/d IJssel  
The Netherlands

[info@watchgas.com](mailto:info@watchgas.com)  
[www.watchgas.com](http://www.watchgas.com)

### Americas

313 N. State Hwy 342  
Red Oak, TX 75154, USA

[info@watchgasusa.com](mailto:info@watchgasusa.com)  
[www.watchgasusa.com](http://www.watchgasusa.com)

### APAC

Woods Square Tower 1,  
12 Woodlands Square,  
#11-71, Singapore 737715

[info@watchgas.com](mailto:info@watchgas.com)  
[www.watchgas.com](http://www.watchgas.com)

### ANZ

[aus@watchgas.com](mailto:aus@watchgas.com)

## SERVICE CENTERS:

**EMEA:** [servicesupportemea@watchgas.com](mailto:servicesupportemea@watchgas.com)

**APAC:** [servicesupportapac@watchgas.com](mailto:servicesupportapac@watchgas.com)

**NSAM:** [servicesupportnsam@watchgas.com](mailto:servicesupportnsam@watchgas.com)

**ANZ:** [servicesupportanz@watchgas.com](mailto:servicesupportanz@watchgas.com)