

CEMS™ Software and SRF600 Integration

Setra CEMS SRF600 Configuration Procedure

1 Before you get started

The following is a list of reminders and helpful tips:

- Create a spreadsheet with the information of the device(s): device name, serial number, location, alarm delay, low warning/alarm, high warning/alarm for each probe, probe names. (Ask Setra for project spreadsheet templates)
- Make sure you followed the SRF600 quick start guide to get the device locally configured to your network
- Always configure devices on CEMS **first** before the EDGE device.

2 CEMS Software

2.1 Add SRF600(s)

1. When adding the SRF device(s), navigate to Floor Plan view.
2. Click add device.
3. Under device type, select User Defined Device.

2.2 Configuration of Device Details

Below is a table of SRF600 user defined entries. The user defined parameters have clear associations and it is important to follow.

Parameter	SRF600
User Defined 1	Internal Sensor
User Defined 2	External Sensor 1
User Defined 3	External Sensor 2
User Defined 4	External Sensor 3
User Defined 5	External Sensor 4
User Defined 6	Door
User Defined 7	Battery

3 EDGE

3.1 Add SRF600(s)

1. When adding the SRF device(s), navigate to devices.
2. Click add device.

- Under device type, select Wireless Environment Sensor.

3.2 Configuration of Device Detail

- Each device requires entry of the below fields for successful configuration.

General SRF Information	Description
Serial Number	Enter in serial number on back of device E.g., CA01234567
Label	Naming convention to best identify device E.g., Rm 233 Lab Fridge
Model	Select from SRF 612, 614, 615

- Once model is selected, notice population of more device details related to tasking.

Tasking Information	Description
Sensor Scale	Select from C° or F°
Wait for manual start	Manually starting tasking Default is automatic continuous tasking and logging
WiFi On Rate	Rate for pushing data to Setra CEMS Default is 60 minutes
Log Rate	Rate of data logging at the SRF Default is 1 minute

- You need to enable your sensors based on onboard sensor and external probes connected to SRF device.
 - You can only have up to 4 external probes per SRF device (depends on accessories purchased and probe type).

Sensors	Name	Description
Internal Sensor	Naming convention to best identify probe E.g., Rm 122 Ambient	Internal probe on device that records ambient temperature
External Sensor X	Naming convention to best identify probe E.g., Rm 122 Vaccines	These are the probes attached to the SRF.
Battery	-	Battery life of SRF device

4 Action and Alarm Levels

Recommendation is to not add an alarm delay on the CEMS software side. Alarm delays should be done at the SetraEDGE for each SRF600. This will push to the sensing device itself.

Each parameter/probe can have its own warning and alarm thresholds.

The alarms and warnings setup for each SRF600 needs to reflect the same at CEMS software and EDGE.