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setra SRF600 CEMS Software

setra SRF600 CEMS Software User Guide

Contents

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Specifications

- Product Name: CEMSTM Software and SRF600 Integration
- Model: SRF600
- Manufacturer: Setra
- Device Type: Environment Sensor

Product Usage Instructions

Before You Get Started
Before starting the configuration process, ensure you have the necessary information and have followed the SRF600 quick start guide:

- Create a spreadsheet with device information.
- Locally configure the device to your network using the quick start guide.
- Configure devices on CEMS before EDGE device.

CEMS Software

Add SRF600(s)
To add SRF600 device(s) in CEMS Software:

1. Navigate to Floor Plan view.
2. Click on "Add Device".
3. Select "User Defined Device" under device type.

Configuration of Device Details
Follow the table of SRF600 user-defined entries for proper configuration:

Parameter	SRF600 User Defined Entries
User Defined 1	Internal Sensor
User Defined 2	External Sensor 1

EDGE

Add SRF600(s)
To add SRF600 device(s) in EDGE:

1. Navigate to devices.
2. Click on "Add Device".
3. Select "Wireless Environment Sensor" under device type.

Configuration of Device Detail
Each device requires entry of specific fields for successful configuration:

- Enter Serial Number, Label, Model, and Description.
- Select the appropriate model and fill in tasking information.
- Enable sensors based on onboard sensor and external probes connected to the SRF device.

Action and Alarm Levels
Configure alarm thresholds at SetraEDGE for each SRF600. Ensure alarms and warnings are set up consistently in both CEMS software and EDGE.

Frequently Asked Questions (FAQ)

- **Q: How many external probes can be connected to an SRF device?**

  A: You can connect up to 4 external probes per SRF device, depending on the accessories purchased and probe type.
- **Q: Where should alarm delays be configured?**

  A: Alarm delays should be configured at the SetraEDGE for each SRF600 to push to the sensing device itself.

CEMS™ Software and SRF600 Integration

Setra CEMS SRF600 Configuration Procedure

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.

CEMS Software

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.

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

EDGE

Add SRF600(s)

1. When adding the SRF device(s), navigate to devices.
2. Click add device.
3. Under device type, select Wireless Environment Sensor.

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 23 3 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

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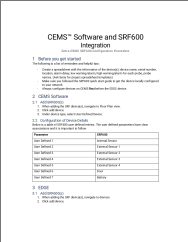a. You can only have up to 4 external probes per SRF device (depends on accessories purchased and probe type).

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

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.

Documents / Resources

[setra SRF600 CEMS Software](#) [pdf] User Guide
SRF600 CEMS Software, SRF600, CEMS Software, Software

References

- **User Manual**