
Software Release Notes

Setra EDGE Version 2.1.1

This document provides the changes to Setra EDGE Software version 2.1.1

Purpose of the Release

The purpose of this document is to communicate major new features, changes, and solve bugs in this release of Setra EDGE software. It may also document workarounds and any feature restrictions.

Software Update Compatibility

From \ To	2.0.1	2.0.2	2.0.3	2.1.0	2.1.1
2.0.1	Allowed	Allowed	Not Allowed	Not Allowed	Not Allowed
2.0.2	Not Recommended	Allowed	Allowed	Not Allowed	Not Allowed
2.0.3	Not Allowed	Not Recommended	Allowed	Allowed	Not Allowed
2.1.0	Not Allowed	Not Allowed	Not Recommended	Allowed	Allowed
2.1.1	Not Allowed	Not Allowed	Not Allowed	Not Recommended	Allowed

Note: EDGE can be downgraded to earlier (even significantly older) version if needed. However, if any issues arise during or after the downgrade, please reachout to SetraCEMS@setra.com. For troubleshooting. It is always recommended to re-update to the latest EDGE version after completing any necessary diagnostics or issue resolution, to ensure stability, security, and compatibility.

Software Update Prerequisites

Requires the INTERNET to be connected to the EDGE while the upgrade process is performed.

List of Open Ports and Whitelisted Domains

Purpose	Domain(s)	Port	Protocol
NTP Time Sync	pool.ntp.org	123	UDP
Time zone Detection	ipinfo.co	443	TCP
Debian Package Repository	deb.debian.orgsecurity.debian.org	80	HTTP

Software Updates

- Added additional handshake acknowledgement within MQTT client-server communication to improve the quality of message delivery.

Solved Software Bugs

- Intermittent time sync inconsistency observed between CEMS and EDGE.
- Allow smooth portal operations before and after performing system reset actions such as reboot, factory reset and firmware upgrades
- Optimizing battery performance by adding Wi-Fi OFF command between SRF transmission to the EDGE.
- Optimizing SRF WebSocket communication performance with EDGE

Improvements

- "Too many open files" error occurs when multiple devices simultaneously push data to the EDGE, potentially leading to connectivity issues and dropped connections.

NOTE: A software updates versioned 2.0.0 or greater is not compatible with SetraEDGE 1.0 hardware. If you have questions regarding your Setra EDGE hardware, please contact your Regional Sales Manager or email SetraCEMS@setra.com.