

Issue 20201224-December 2020

# SMARTENGINE OS 5.1

---

## What's new in the release

- New HTML5 based User Interface to replace legacy flash management applications. The new user interface can be used to cover all aspects of installation, commissioning, monitoring and operating the smartengine solution. Emergency lighting solution can also be implemented with the new user interface. The new UI is supported on all the latest versions of major browsers like Mozilla Firefox, Google Chrome, Microsoft Edge and Apple Safari and does not require any external plugins.
- smartengines can now be used in IPv6 only networks. The smartengines are now capable of communicating with each other using IPv6, and can also be managed remotely over IPv6 connection.
- Third party dimmer switches can be used in conjunction with the smartsensors using the GPIO interfaces on them. In addition to on/off switches, the software can now operate with dimmer switches connected to the GPIO.
- Fixture brightness attribute is now viewable and settable through BacNet interface.
- The sensor leds turn on to indicate when connected to the smartengine and stay on till connect fixture has been discovered. This is helpful for troubleshooting and isolating issues with fixture wiring.

---

## Issues fixed

### In addition to the issues that were resolved in the 5.0.2 series of releases:

1. Fixed an issue that would lead to false positives NTP Errors.
2. The csv files downloaded from Reports feature did not identify the source of the data. The file name, and the headers within the csv file has been updated to reflect the source, and metric type.
3. In Configure Locations, the copy events action would not copy the default policy configuration in some cases.
4. In Configure Locations, the scenes would not be activated by clicking on them.
5. In Commission System, the Events/Non-Recurring events would result in data not being updated under some conditions.
6. In Commission System, it was not possible to create events for 24 hours unlike in the legacy manage application.
7. In Commission System, editing policy configuration failed for Fade In and Fade Out parameters.
8. When a policy is configured for automatic color tuning, a restart or reboot of the engine during the noon hour would not set the correct color setting.
9. Setting emergency lighting administration privilege on an admin user was not taking effect.
10. Fixed inconsistencies in behavior with task tuning under Control Lights.
11. Fixed issue with lag in response on the brightness slider under Control Lights
12. Programming of fixture model after renaming a fixture would fail.

---

## Known Open Issues

### The following are known issues with the software release:

1. It is not possible to configure new temperature Alarms for a location or fixture.
2. Flashlight naming with switches connected to sensors using GPIO can take multiple attempts to succeed.
3. Under View Alarms, the date/time column sorting is not correct.