



Evolon Edge[®]

Version 4.0

Release Notes

Note: All information contained in this presentation is Proprietary material of Evolon Technology, Inc. Any copying or distribution, in any form, is prohibited without written permission from Evolon Technology, Inc.

Version 4.0

New Features

- Introduced **Multi-Sensor camera support**. Fully customizable 'View' Pane for multi sensors.
- Introduced **Nuisance Detection**.
- Enhanced **Sensitivity** control on all sensors.
- Home Screen Shortcut additions of: Targets (**T**), Nuisance (**N**) Scale Line (**S**), Grids (**G**).
- Introduced **Angular Scaling**, adjustable focal and vertical modes.
- Updated **Schedule I/O** page to automatically move US holidays that occur on the weekend to their appropriate day of the week (Saturday = Friday, Sunday = Monday).

Migration Notes

- Sensitivity – Greater Granularity and Range were implemented. Old to 4.0 translation - Low = 1, Medium = 2 and High = 4
- Alert – Auto-reset time – The seconds represented by the radio selection becomes the numerical value.
- Alarm info (formerly VMS Integration) – In a migration from an old version, the Example VMS event name will appear as it did before in the metadata stream. Note: The field list has changed inside the metadata packet.

Known Issues Addressed

- Resolved instances when upgrading from older software versions and Learn & Block data would intermittently get lost.
- Addressed occurrence in which the operator had to click the Schedule Enabled button twice in order to disable the schedule.
- Improved interface to use "Cardinal" instead of "Day" for cardinal schedules.
- Optimized behavior in which moving the detection box would sometimes put the right < left, or top > bottom and cause segfaults.
- Resolved occurrences infrequently observed when updating Learn/Block that caused detection state to set to LastState which could result in an increase in false alarms.

Evolon Edge

Version 4.0

- Addressed occurrence with multiple, rapid switching between any other page and the Learn/Block page.
- Resolved instances when leaving the setup page for Learn/Block too quickly and the settings were not properly stored which could result in an increase in false alarms.

Version 3.5

- Introduced **Startup Detection State (Administrator screen)** to allow the user to determine what Detection State (On or Off) is established when the Camera or the Edge application restarts for any reason.
- Introduced **Replay Last Alarm Track (Home screen)**. This shows the path of the target(s) in the most recent alert.
- Reintroduced the **Large Object Filter (Size/Area screen)**, allowing the user to apply an upper limit to the size of the object to be detected. Integration of the **Largest Object Size** has now been integrated with **Auto Scaling**.
- Enhanced **Download application Log (Administrator screen)** and its content. When reporting an issue to support@evolontech.com please submit the most recent download of the Application Log.
- Enhanced the **Auto Scale (Size/Area screen)** capabilities and functionality.
- Adjusted **Schedule I/O** page to display the rule for Cardinal Dates used for holidays such as Thanksgiving (e.g., "4th Thursday of November"), Memorial Day, Labor Day, etc. instead of the actual date.
- Improved data retention when upgrading from older versions of Edge.
- Improved performance when switching **PTZ OPS Mode (Advanced Settings Screen)** between **Static View** and **Live View**.
- Improved Auto Scaling slider (**Size/Area screen**) performance by using a logarithmic scaling slider.

Evolon Edge

Version 4.0

- Improved performance of Enterprise Licensing.
- Enhanced detection performance on slower ARTPEC-4 and -5 (MIPS) cameras.
- Known Issues
 - Toggling the **Aspect Ratio (Administrator screen)** between **Standard** and **Wide on** ARTPEC-4 and -5 (MIPS) cameras may alter the **Detection Area (Size/Area screen)**. This will require that the user adjust the **Detection Area (Size/Area screen)**.

Version 3.0

- Introduced the '**Active Scene Management™ (ASM)**' feature to help mitigate the alerts caused by rain streaks and insects attracted to the camera illuminators. The higher the setting, the more effective it is at eliminating bugs, but it also increases processing time (thus slowing down the effective frame rate) as well as the likelihood of missing a fast-moving target.
- Introduced '**Dwell Detection**' This feature allows the user to monitor an area of detection that is supposed to be cleared of all activity periodically.
- Added support for 16:9 aspect ratio.
- Enhanced the Size/Area configuration by adding a scalable figurine to help determine smallest object size. Auto-Scaling can be added for additional functionality.