Viewing and Editing LPR Events

> The License Plate Recognition (LPR) Capture Log is a tool designed to track, filter, and audit real-time and historical license plate reads. Its primary purpose is to help administrators monitor automatic data ingestion from fixed camera feeds as well as manual or mobile inputs from parking enforcement users. This article is intended for OperationsCommander (OPSCOM) administrators.

Setup and Configuration

This reporting and auditing tool does not require any specific setup or configuration to function. Its capabilities are based on existing camera integrations, handheld device data, and the LPR permissions already assigned to your administrator profile.

Using this Feature

The LPR Capture Log consists of a comprehensive search interface and a detailed results table.

Hover over **Violations** and click **LPR and Chalking** then **View Events** to access the log.

Search and Filtering Interface

Use the top section of the log to locate specific plate records using the following fields:

1. Enter full or partial plate numbers in the **Plate** field. To perform a strict match, type the exact plate number (e.g., **ABC123**).
2. Enable the **Perform Fuzzy Search** checkbox to use approximate string matching, which helps catch optical character recognition (OCR) anomalies or close variations.
3. Click the **Make** drop-down menu and choose a specific vehicle manufacturer, or leave it as the default **Any**.
4. Click the **Colour** drop-down menu and choose a specific vehicle color, or leave it as the default **Any**.
5. Define a strict search window using the **Start Date** and **Up To and Including** date pickers.
6. Click the **Toggle More Options** button to expand the interface and reveal advanced metadata filters:
   - **Cameras:** Scroll and select specific physical entry or exit lanes to track exact movement patterns.
   - **Event Type:** Click the drop-down menu and choose **Entry**, **Exit**, **Patrol**, or **Tracking**.
   - **Device Type:** Scroll and select the software agent or integration platform delivering the data (e.g., **ANY**, **PL8RDR / Vaxtor**, or **User / Other**).

Key Information Displayed

Once your search is executed, the **LPR Captures Results Table** displays the following information:

Column Name	Description

Actions	Provides interactive icons to manage the record.
Licence Plate Image	Displays the actual image of the captured license plate.
Permit	Displays an active permit badge icon if the plate is successfully cross-referenced with a valid parking permit.
Plate	Shows the license plate number detected by the camera or handheld device.
Make / Model / Color	Lists the declared vehicle descriptors (e.g., **NISSAN / WHITE**).
Writer	Identifies the intake route and assigned user or camera logic.
Source	Identifies the software module or entity passing the data.
Device	Dictates the hardware source classification, such as a fixed camera name or the handheld device name.
Recorded	Provides the exact timestamp log of the capture event.

Visual Cues and Status Indicators

The **Writer** column utilizes specific icons and directional tags to quickly communicate how a read was captured:

- **Entry:** Indicated by Green **>>** arrows (Fixed camera).
- **Exit:** Indicated by Red **<<** arrows (Fixed camera).
- **Tracking:** Indicated by Yellow □□ arrows (Fixed camera).

- **Patrol:** Indicated by a Blue **star** (Human writer / handheld device).
- **Actions Icons:** Includes a **Map/Location** icon for viewing the GPS location and an **Edit/Pencil** icon for updating plate information.

Best Practices and Considerations

> The **Start Date** and **Up To and Including** date parameters only restrict results generated by Pay Station data and LPR records. These filters do not retroactively filter out base vehicle profiles based on their original database creation date or account history.

- **Fuzzy Searching: Always use the Perform Fuzzy Search option** if you are unable to locate a vehicle using an exact plate match. Dirt, weather, or lighting can occasionally cause cameras to misread a character (e.g., reading an "O" as a "0").
- **Tracking Vehicle Movement:** When investigating a specific incident, use the **Cameras** and **Event Type** filters in tandem to track a vehicle's exact movement pattern through your facilities.
- **Data Verification:** Use the **Licence Plate Image** provided in the results table to manually verify the plate characters if a user disputes a capture or violation.

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