



Application Note: Video – ANV104

Configuring the Vehicle Surveillance Package (VSP) in Brivo Eagle Eye Video - Enhanced Web Interface

2026-07-01 Revision 1.0

Target Audience

This Application Note is intended for Brivo Eagle Eye Video administrators who use the Vehicle Surveillance Package (VSP) and are responsible for configuring cameras and making significant application-related settings changes. Basic working knowledge of Brivo Eagle Eye Video is recommended prior to making any changes to configuration settings.

Brivo Eagle Eye LPR: AI-Based License Plate Recognition

The Brivo Eagle Eye License Plate Recognition (LPR) system uses an AI-based model to accurately read license plates. The model (trained on a million samples) ensures high detection rates without false or repeated reads, and high accuracy in reading both standard and non-standard number plates.

Brivo Eagle Eye LPR allows any standard Onvif cameras connected to the Brivo Eagle Eye Video to run LPR, rather than requiring an LPR-specific camera. The LPR analytics runs on the bridge, and the LPR data is viewed at the VSP (Vehicle Surveillance Package) module of Brivo Eagle Eye Video.

VSP Overview

Brivo Eagle Eye Video allows for the use of License Plate Recognition (LPR) cameras to Log, Track, Alert, and search for Vehicles that are captured by LPR cameras/systems within the VSP Dashboard.

VSP is integrated with Brivo Eagle Eye LPR and Hanwha XNO-6120R/XNO-6120R cameras, and more cameras are being integrated into VSP.

Theory of Operation

Brivo Eagle Eye LPR sends the vehicle-captured results to the VSP, and Brivo Eagle Eye VSP makes it simple and fast to spot and categorize vehicle activity within your cameras' view. You can search by plate number rather than manually scrubbing through the video to spot particular plates. And with the advanced web interface, you can augment plate-based searches with ones for vehicle type, make, or color. Unlike manual searching, Brivo Eagle Eye VSP also allows you to trigger actions based on the vehicle license plate.

Prerequisites

VSP is a subscription added on a per-camera basis that can be enabled for cameras that already have License Plate Recognition (LPR) analytics enabled (Brivo Eagle Eye LPR or On-Camera LPR Enabled on specific model numbers).

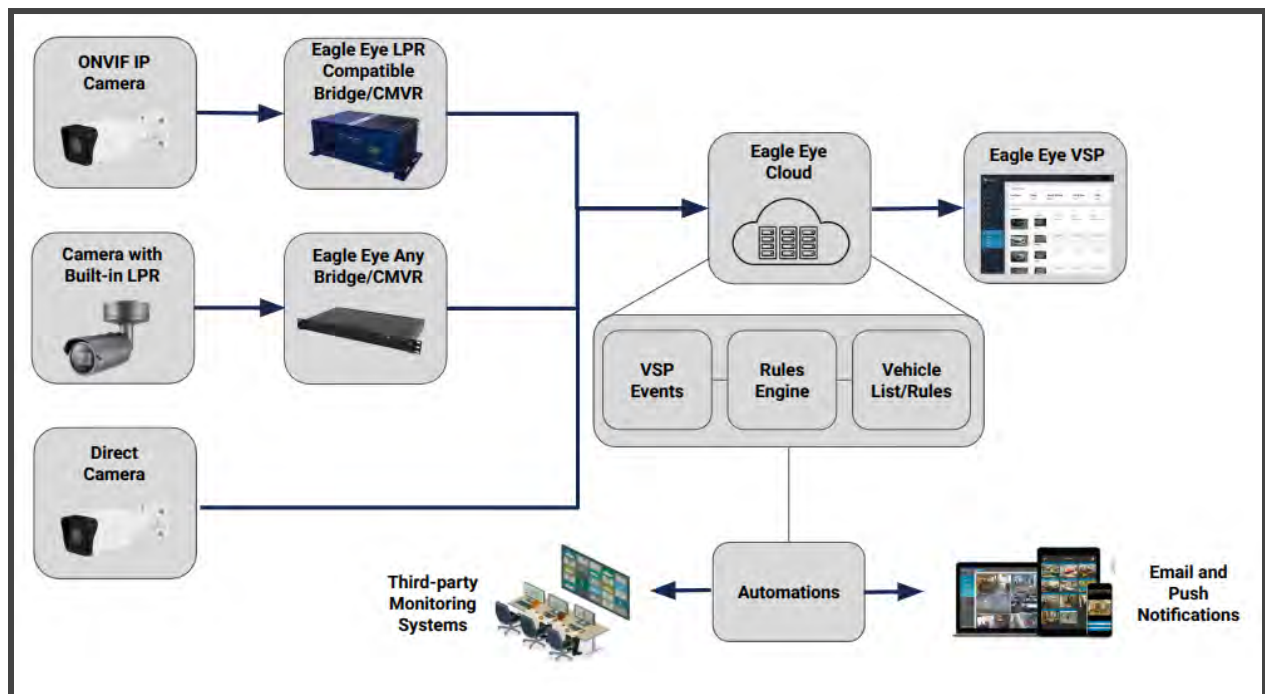
The following items are required:

- A VSP subscription (EN(i)-PA-001-X)
- LPR analytics-enabled camera
- One of the following LPR analytics:
 - Brivo Eagle Eye LPR (part Number EN(i)-ANA-020-X and EN(i)-ANA-022-X)
 - Hanwha LPR Model: XNO-6120R/XNV-6120R with Arteco LPR Application
- User permission to use VSP

Overview of Interfaces

The Brivo Eagle Eye Vehicle Surveillance Package (VSP) is an add-on package for Brivo Eagle Eye Video that allows users to view, monitor, and analyze vehicle data. The VSP stores license plates and other vehicle-related information from multiple locations and cameras. Users can search for a vehicle of interest using a specific plate number or by other vehicle categories such as Make, Color, Direction, and Body Type. The VSP also analyzes the plate against configured rules to raise a real-time alert when a vehicle of interest is detected on any camera.

VSP Architecture



ONVIF IP Camera: Any standard camera capable of producing high-quality images for LPR (refer to Application Note [AN102 - LPR Setup and Configuration Guide](#)).

Camera with Built-in LPR: The Camera that processes LPR data internally and sends the results to the Bridge, which then forwards them to the VSP. Currently, the Hanwha XNO-6120R camera model is supported for cameras featuring built-in LPR functionality.

Camera Direct: Camera Direct, when enabled with Brivo Eagle Eye Cloud LPR, sends LPR results to the Brivo Eagle Eye Cloud for validation (if any Rules or Vehicle Lists are configured) and displays them on the VSP.

Brivo Eagle Eye Bridge/CMVR: Devices that perform AI processing (Brivo Eagle Eye LPR) to extract license plate and vehicle information and transmit the data to the Brivo Eagle Eye Cloud.

VSP Services in the Brivo Eagle Eye Cloud:

- **VSP Events DB:** Stores and enables searching for license plate events via VSP.
- **VSP Vehicle List:** Stores user-created vehicle list information for use by Eagle Eye LPR for access control (via Local ID) and for rule evaluation.
- **VSP Rules Engine:** Stores user-created rules, evaluates events generated by LPR analytics, compares them against specific license plates, and raises real-time alerts.

Automations: Stores alert information and performs alert actions, including sending push and email notifications and integrating with third-party services like Immix, Sentinel, Zapier, etc.

Feature Comparison: Classic vs Enhanced Interface

Feature	Feature Description	Classic Interface	Enhanced Interface
Summary Page	Summary Table	✓	✓
	Latest Alerts on Summary Page	✓	✓
	Cameras Inactive in Last Hour	✗	✓

	Individual Camera Summary	✓	✓
	Site & Camera Summary	✗	✓
Search	Search by License Plate	✓	✓
	Filter by Location, Camera, Date Range	✓	✓
	Advanced Filters (Make, Color, Direction, Vehicle Type, Labels, Access Type)	✗	✓
	Export Search Results (CSV/HTML) with Filters	✗	✓
Alerts	VSP Alerts	✓	✓
	Filter Alerts by Type, Date, Location	✓	✓
	Filter Alerts by Priority, Camera	✗	✓
	Export Alerts (CSV/HTML)	✗	✓
Rules	Basic Rule Types: Allow, Deny, Watch	✓	✓
	Advanced Rule Types: Hotlist, Unregistered, Count, etc.	✗	✓
	Alert Actions Support	✗	✓
Vehicle List	Create & Manage Vehicle Lists	✗	✓
Reports	Download CSV/HTML Reports	✗	✓

Vehicle Surveillance Package

The VSP dashboard is located in the bottom-left menu of Brivo Eagle Eye Video. It includes a **Summary** of activity, the **Search** page, the **Alert** menu, and the **Rule** creation page.

Summary

- The VSP Summary page provides an overview of the Vehicle Surveillance Package activity on the account, giving a high-level summary of all license plate reads and showing the most recent alerts and cameras.

The screenshot shows the 'Summary' section of the VSP interface. It includes a summary table with columns for time periods and a 'Latest alerts' table with columns for license plate, alert type, location, camera, and timestamp.

Summary					
	Last hour	Today	Yesterday	Last 7 days	Last 30 days
	143	186	1807	32202	32203

Latest alerts					
License plate	Alert type	Location	Camera	Timestamp	
 D12PSL	Allow	-	10036867	2022-07-09 14:22:10 (GMT+05:30)	⋮
 D12PSL	Allow	-	10036867	2022-07-09 14:08:30 (GMT+05:30)	⋮
 RAQGA12	Allow	-	10036867	2022-07-08 19:42:58 (GMT+05:30)	⋮
 BHAS123	Allow	-	10036867	2022-07-08 14:16:54 (GMT+05:30)	⋮

- The **Summary** section shows the number of plates detected across several time periods: the last hour, today, yesterday, the last 7 days, and the last 30 days.
- **Note:** These fields cannot be configured.

This is an identical duplicate of the screenshot above, showing the 'Summary' section of the VSP interface with the same summary table and 'Latest alerts' table.

Latest alerts

- The most recent alerts are displayed here. For a more detailed view of alerts, go to the **Alerts** page. Alerts are governed by rules that can be created, modified, or deleted on the **Rules** page.

Camera without vehicle activity for the last hour

- Cameras without any license plate reading in the last hour are listed here. This helps users to monitor the cameras and understand any issues with the LPR system.
- The table lists the camera name, status, and location, and the bridge name. All these fields provide live sorting to allow users to sort and see the location, camera, or bridge of interest.

Site and camera summary

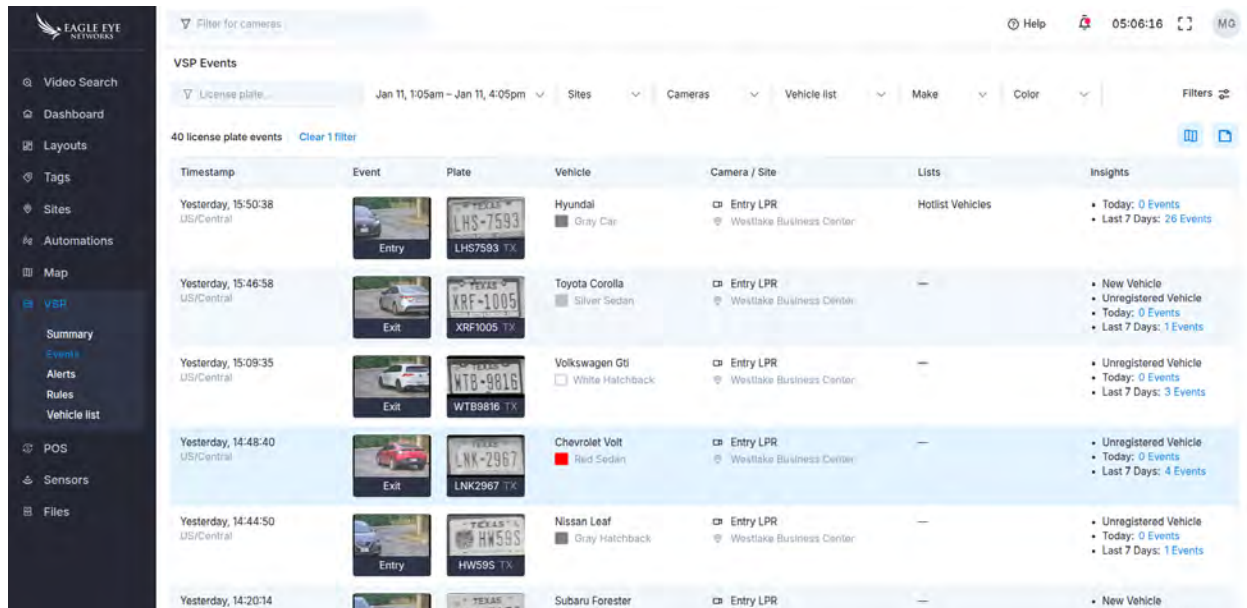
- This table lists license plate reads per camera, showing statistics for each (i.e., reads from the last hour, today, yesterday, the last 7 days, and the last 30 days). Using these numbers, over- or underactive cameras can be identified in order to determine any necessary remediation.
- Cameras under the same location are grouped, and a location summary is provided. Click the expand button to view the camera-level summary.

Site and camera summary					
Name	Last hour	Today	Yesterday	Last 7 days	Last 30 days
▼ Eagle Center	7	59	249	1861	6738
☐ Driveway LPR	7	59	249	1861	6738
▼ Westlake Business Center	7	32	310	1676	7553
☐ Entry LPR	7	32	310	1676	7553

As for cameras without a location, a camera summary is provided.

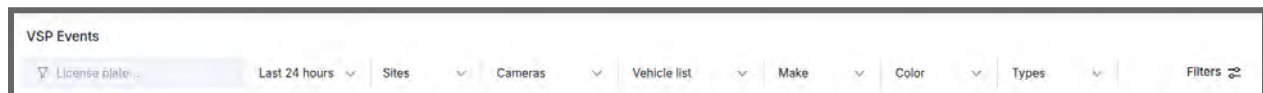
Events

- The Events page is where you can find all LPR results recognized by the LPR-enabled cameras in your account.
- There are many filters available in this Events page, and each filter is explained below.



Events Filters

- The License plate search contains several fields that help refine the search parameters.



- **License Plate** – Use this field to search for specific license plates or those containing particular characters. It accepts any alphanumeric characters and is not case-sensitive. You can search for partial or full plates, and there is no limit to the number of characters. Do not include spaces between characters.
 - Examples of license plate searches:
 - Searching for a full license plate: HYG0123
 - Searching for a partial license plate that contains 123: 123
- **Last 24 hours** – This is a time range selector. You could either select specific start and end dates and times to filter results, or use predefined time periods (current day, previous day, previous week, current month, and previous month).
- **Sites** – Specify a predefined location to search for results of any compatible camera at that location. This requires configuring the location in the camera's settings within Brivo Eagle Eye Video. Alternatively, select "Any location" to view results from all compatible cameras. The Location feature is only available for Pro & Enterprise.
- **Camera** – Filters LPR results based on Cameras. Choose a specific camera, or select "Any camera" to view results from all LPR-enabled cameras.

- **Vehicle List** – Filters based on vehicles in the Vehicle list in the VSP. This way, with one click, you can filter all registered vehicles.
- **Types** – Filter and search for vehicles by type, such as cars, buses, motorbikes, etc.

If you click on the “Filter” option on the right, that will give you more filters:

- **Make** – Filters vehicles by Vehicle Make. Choose a vehicle manufacturer's name to find a vehicle. You can select multiple Make options simultaneously from the multiselect dropdown list.
- **Color** – Filters vehicles by color. Choose a vehicle color to find a vehicle. You can also select multiple colors simultaneously from the multi-select dropdown list.
- **Direction** – Filter the search by vehicle movement direction to find vehicles entering, exiting, or both.
- **Access Types** – This filters Vehicles by Access type (Allow/Deny). This is used in

Search results

After clicking **Search**, the table updates with the license plates that match the search parameters. Each of the displayed license plates has the following information:

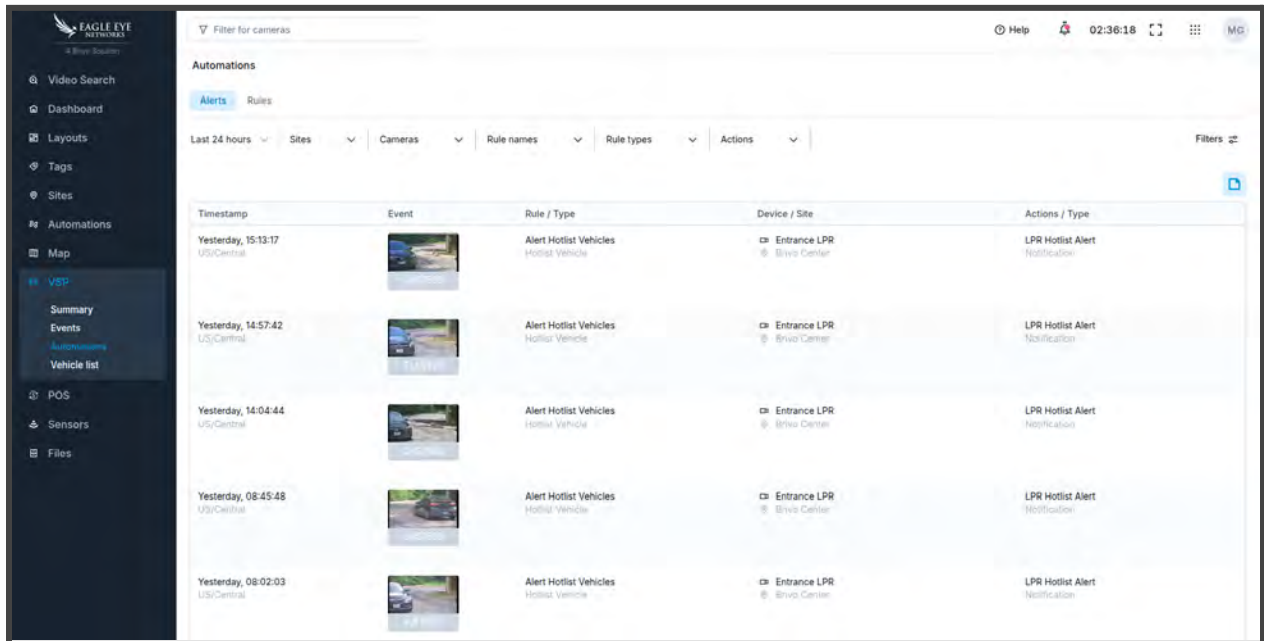
- **Thumbnail** – Shows a screenshot of the license plate as seen by the VMS. Click the thumbnail to open the **History Browser** to view the clip.
- **License Plate Crop** – Displays a cropped image of the license plate.
- **License Plate Information** – The license plate reading as predicted by the LPR application.
- **State Code** – The state code. Only applicable for the US region.
- **Camera** – The name of the camera capturing the license plate.
- **Location** – The location where the license plate was captured.
- **Timestamp** – The date and time that the clip was taken. Note that the timestamp shown here is adjusted to the Timezone value set for the user in the system. When viewing the clip in the **History Browser**, the camera's time zone is displayed.
- **Make** – The make of the vehicle as predicted by the LPR application.
- **Color** – The color of the vehicle as predicted by the LPR application.

Automations

The Rules and Alerts pages have been combined into a single Automations tab in the VSP dashboard. The Automations tab includes a Rules section and an Alerts section, so both can be managed from one place.

Alerts

The Alerts tab is the default view when the Automations page is opened. It displays a real-time log of the alerts that have been triggered by VSP-configured rules.



The screenshot shows the Eagle Eye VSP interface. On the left is a dark sidebar with navigation options: Video Search, Dashboard, Layouts, Tags, Sites, Automations (selected), Map, VSP (with sub-items Summary, Events, Automations, Vehicle list), POS, Sensors, and Files. The main area is titled 'Automations' and has tabs for 'Alerts' (active) and 'Rules'. Below the tabs are filter dropdowns for 'Last 24 hours', 'Sites', 'Cameras', 'Rule names', 'Rule types', and 'Actions'. A 'Filters' button is on the right. The main content is a table with the following columns: Timestamp, Event, Rule / Type, Device / Site, and Actions / Type. The table contains five rows of alert data, all from 'Yesterday' and triggered by the 'Alert Hotlist Vehicles' rule at the 'Entrance LPR' device.

Timestamp	Event	Rule / Type	Device / Site	Actions / Type
Yesterday, 15:13:17 US/Central		Alert Hotlist Vehicles Hotlist Vehicle	Entrance LPR Brivo Center	LPR Hotlist Alert Notification
Yesterday, 14:57:42 US/Central		Alert Hotlist Vehicles Hotlist Vehicle	Entrance LPR Brivo Center	LPR Hotlist Alert Notification
Yesterday, 14:04:44 US/Central		Alert Hotlist Vehicles Hotlist Vehicle	Entrance LPR Brivo Center	LPR Hotlist Alert Notification
Yesterday, 08:45:48 US/Central		Alert Hotlist Vehicles Hotlist Vehicle	Entrance LPR Brivo Center	LPR Hotlist Alert Notification
Yesterday, 08:02:03 US/Central		Alert Hotlist Vehicles Hotlist Vehicle	Entrance LPR Brivo Center	LPR Hotlist Alert Notification

Alerts can be filtered using the following options:

- Time range (e.g., Last 24 hours) – Select a predefined or custom time range.
- Sites – Filter alerts by site.
- Cameras – Filter alerts by camera.
- Rule names – Filter alerts by the name of the rule that triggered them.
- Rule types – Filter alerts by rule type (e.g., Allowed, Denied, Watch, Hotlist).
- Actions – Filter alerts by the alert action performed.

Additional filters are available by clicking Filters on the right side of the page.

Each alert entry in the table includes the following columns:

- Timestamp – The date and time the alert was triggered.
- Event – The event that triggered the alert.
- Rule / Type – The name and type of the rule that generated the alert.
- Device / Site – The camera and site where the event occurred.
- Actions / Type – The alert action(s) performed and their type.

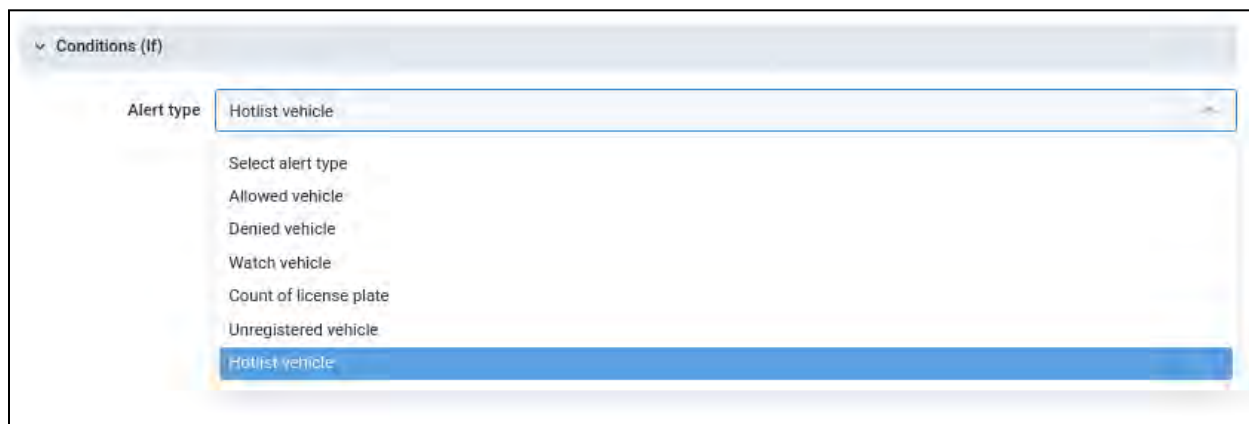
Rules

The Brivo Eagle Eye VSP Rules service allows users to configure a rule and receive an alert when a license plate event qualifies under that rule. It supports different rules, such as:

- Allowed Vehicle
- Denied Vehicle
- Watch Vehicle
- Unregistered Vehicle
- Count of license plates
- Hotlist Vehicle
- Wrong Way

After the alert is generated, it is sent to the alert manager service, and the action is performed as configured for the Rule. Through alert manager integration, VSP supports various alert actions, including web application or email notifications, I/O triggers, and more.

Alert Types:



The screenshot shows a web interface for configuring rules. At the top, there is a section labeled 'Conditions (If)'. Below this, there is a label 'Alert type' followed by a dropdown menu. The dropdown menu is open, showing a list of alert types: 'Select alert type', 'Allowed vehicle', 'Denied vehicle', 'Watch vehicle', 'Count of license plate', 'Unregistered vehicle', and 'Hotlist vehicle'. The 'Hotlist vehicle' option is currently selected and highlighted in blue.

Allowed Vehicle	Receive alerts for specific plates or all plates in a vehicle list marked as allowed. Example: Receive a notification when an authorized delivery vehicle arrives at the premises.
Denied Vehicle	Receive alerts for specific plates or all plates in a vehicle list marked as denied. Example: Deny entry to a parking area for a car with an expired permit and receive a notification upon its arrival.
Hotlist Vehicle	Receive alerts for specific plates or all plates in a hotlisted vehicle list. Examples: • Multi-family Home/HOA: Alert for a payment defaulter entering the premises. • Clubs/Retail/Hospitality: Alert VIP customers upon arrival for a special greeting. • Rental Car/Parking/Dumping Yard: Alert for missing or stolen vehicles appearing on the premises.
Unregistered Vehicle	Unregistered vehicles are those not found in the vehicle list in the VSP. This functionality is useful for tracking visitors or unknown vehicles in controlled environments such as HOAs, enhancing security and visitor management. Example: • An unknown vehicle that entered a restricted area is identified as unregistered, prompting further investigation or an alert. • A vehicle not belonging to the owners entered the residential complex at night.
Watch Vehicle	Watch vehicle is a time-bound rule that tracks vehicles between two events (origin and destination cameras). If a vehicle is not detected by the destination camera within the set time, an alert is raised. Configure this rule for a specific plate, a vehicle list, or all vehicles. Exemptions apply for vehicles marked as exempt. Examples:

	• Parking: Alerts if a vehicle exceeds the allowed parking time between entry and exit. • Logistics/Warehouse: Alerts if a vehicle stays in the warehouse beyond the defined time. • Car Service Center: Alerts when a test-drive vehicle is not returned within the specified time.
Count of License Plates	This rule monitors camera/LPR settings and alerts users if the number of license plate events exceeds or falls below a defined count within a specified time range. Example: An alert is generated if the event count is lower than expected, indicating potential issues like a misaligned or out-of-focus camera.
Wrong Way	This rule monitors the direction of vehicle travel and generates an alert whenever a vehicle is detected moving in the opposite direction to the configured flow. This rule is particularly useful for monitoring one-way roads, dedicated entry or exit lanes, and other areas where vehicles are expected to travel in a single direction. Example: Consider a parking garage with a dedicated entry-only lane. If a vehicle attempts to exit through this lane, the Wrong Way Rule will detect the incorrect direction of travel and generate an alert, allowing operators to respond immediately.

Target Type:

The screenshot displays the 'Conditions (If)' configuration section of the Brivo Eagle Eye application. It shows the 'Alert type' set to 'Watch vehicle'. The 'Target type' dropdown menu is open, showing the following options: 'Select target type', 'Any vehicle', 'License plate', and 'Vehicle list'. The 'Select target type' option is currently selected and highlighted in blue.

Target Type	The Target Type is the input parameter used to define alert rules. It includes two options: License Plate and Vehicle List. Setting rules based on these target types enables customized monitoring and alerting, enhancing security and operational efficiency. Options: • License Plate: Set a rule to send an alert when a specific license plate is detected, such as a Hotlist vehicle entering a parking lot. • Vehicle List: Create a rule to monitor a predefined list of vehicles, such as detecting an unauthorized vehicle by comparing against the resident vehicle list • Any Vehicle: Set a rule to trigger an alert if a vehicle is detected and matches the specified criteria in Rules. This applies only to the Alert type: Watch vehicle
--------------------	---

When	• 24 Hours: Keep the rule active continuously, 24/7. • Work Hours: Enable the rule only during designated work hours, as specified in the Account Settings under the Days tab. • Non-Work Hours: Activate the rule only outside of the designated work hours, essentially the inverse of the work hours set in Account Settings on the Days tab. • Custom: Create a unique schedule for each day of the week, enabling the rule during specific hours as defined in the custom hours setting.
-------------	--

Locations:	The rules can be applied to selected locations or all locations the user has access to, providing flexibility in monitoring specific areas.
Cameras:	The rules can be applied to selected cameras or all cameras available to the user, allowing targeted or comprehensive monitoring based on the user's needs.

Actions:



Actions enable you to choose additional alerts beyond those provided in the VSP section.

We support various types of action alert integrations, including Notifications (Email and Push), Generic Webhook, Immix, Monitor Computer System Sentinel, and others. In this guide, we will focus on Notifications (Email and Push).

	Note: To set up Actions for receiving notifications, you must first create an Alert action under Automations -> Actions from the side menu in Brivo Eagle Eye Video. This configuration is only available to users with Admin access.
--	--

Access and Configure Rules in Brivo Eagle Eye Video

To access Rules, select **VSP** -> **Automations** -> **Rules** from the side menu of the Brivo Eagle Eye Video home page.

Rules

Rule name: Select alert type: Priority from 1 to 10:

All locations: Select cameras:

Clear filters:

4 rules

Name	Alert type	Notes	Priority	Location	Camera	Status
Count of vehicle list	Count of license plate	—	9 (high)	—	1 cameras	☒
AlertTest1	Allowed vehicle	—	9 (high)	—	1 cameras	☒
Hotlist Vehicle Rule1	Hotlist	—	9 (high)	—	1 cameras	☒
Unregistered Vehicle Rule	Unregistered vehicle	—	9 (high)	—	1 cameras	☒

- Click Menu (three-dots icon) located in the top right corner of the Rules page and select **Add Rule**.

Rules

Rule name: Select alert type: Priority from 1 to 10:

Select locations: Select cameras:

Add rule

- Fill in the required details on the Add Rule page and click **Add Rule**.

Add rule

Rule name:

Source:

Priority:

Notes:

Status: ☒

Conditions (If)

Alert type:

Vehicle list:

When:

Locations:

Cameras:

Add action:

To Add a License Plate to the Rules:

Fields:

- **Rule Name:** Enter the rule name.
- **Priority:** Choose the priority (1 for low, 10 for highest).
- **Notes:** Optional field to enter any notes.
- **Status:** Enable to activate this rule, or disable if not.

Conditions:

- **Alert Type:** Enter the alert type based on your use case.
- **Target Type:**
 - Select **License Plate** to apply the rule to a specific license plate.
 - **License Plate:** Enter the full or partial license plate number.
 - Select **Vehicle List** to apply the rule to a list of plates.
 - **Vehicle List:** Choose the vehicle list to which you want to apply the rule.
- **Location:** Select the locations from the drop-down menu.
- **Cameras:** Select the cameras from the drop-down menu.
- **Actions:** Select the action from the drop-down menu

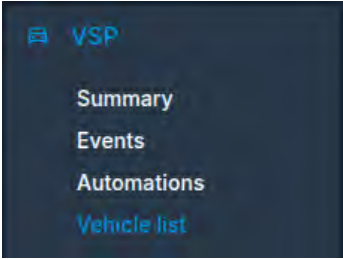
Vehicle List in Brivo Eagle Eye VSP

A Vehicle List is a collection of license plates grouped under a single name for easy management. It allows users to organize vehicles and associate them with specific cameras and locations.

For LPR-based access control, a Vehicle List can be linked to an Access category and schedule, enabling automated entry based on recognized license plates. This integration supports Brivo Eagle Eye Video (LPR) and Brivo Access.

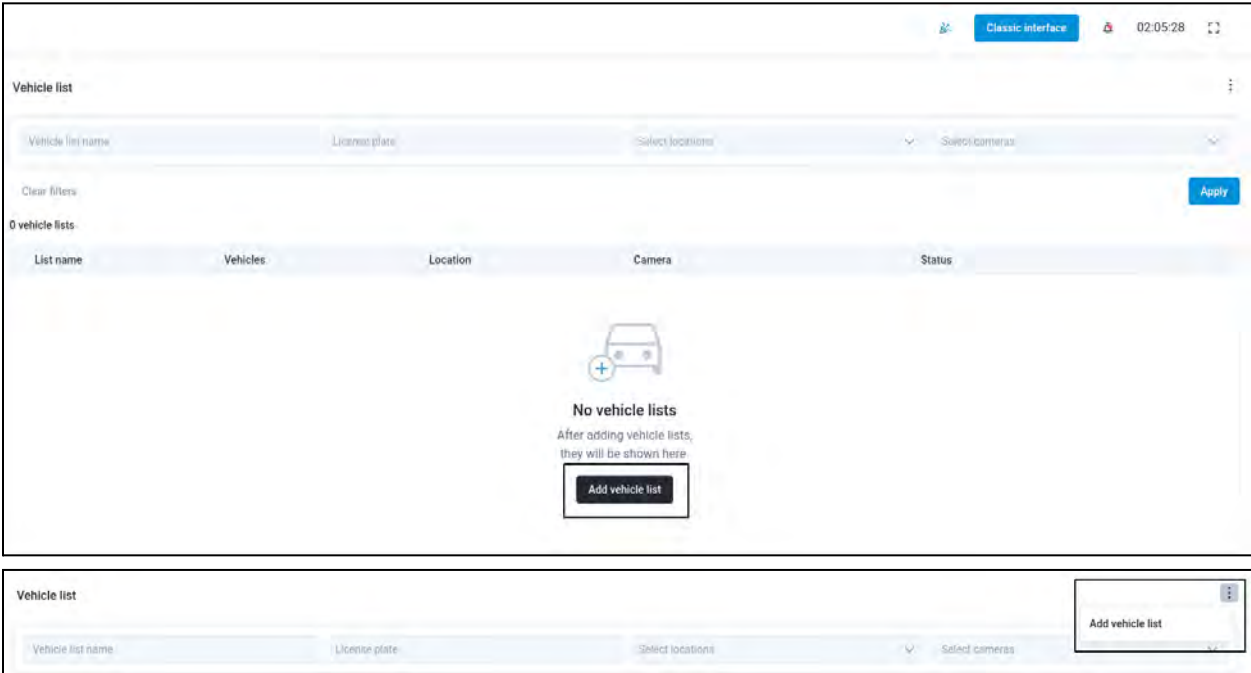
A Vehicle List can also be integrated with an external database, allowing vehicle records to be automatically synchronized and managed.

Adding a New Vehicle List



- To add a new Vehicle List to the user account, go to the **VSP** section that is seen on the bottom left-hand menu of the Brivo Eagle Eye Video and click **Vehicle list**.

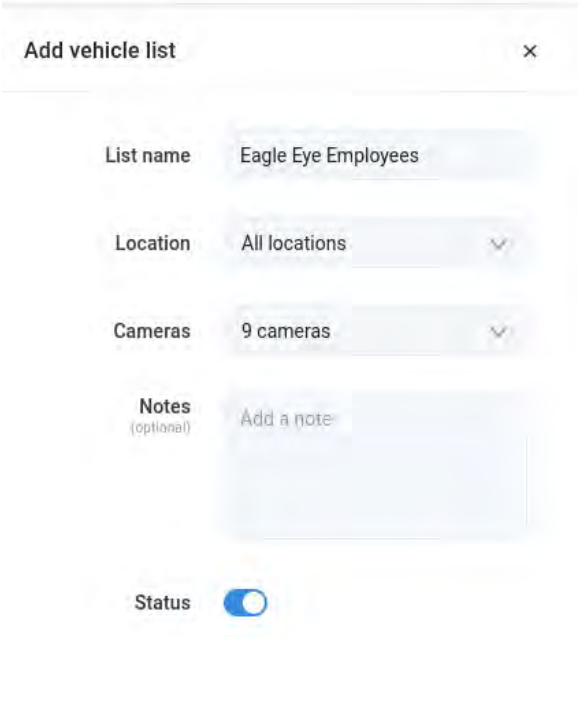
- The Vehicle List page is empty if no vehicle lists have been added. To add your first vehicle list, click **Add Vehicle List** as shown below, which will navigate you to the appropriate page.
- If some vehicle lists already exist and you want to add another, click the Menu (three vertical dots) icon located in the top right corner of the Vehicle List page, and select **Add Vehicle List**. Refer to the screenshot below.

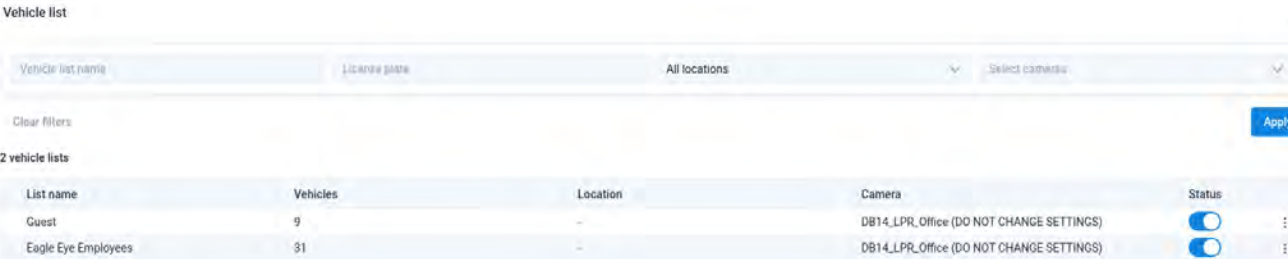


The top screenshot shows the 'Vehicle list' page with a search bar, filters, and a table. Below the table, there is a message: 'No vehicle lists. After adding vehicle lists, they will be shown here.' and a button labeled 'Add vehicle list'.

The bottom screenshot shows the same page, but with a menu icon (three vertical dots) in the top right corner, which is highlighted with a red box. The menu icon is located next to the 'Add vehicle list' button.

- Once you click **Add Vehicle List**, you will be directed to the page shown below.

	Please fill in the details required to create a vehicle list: • List Name: Enter a unique name for the list. • Location: Select the locations where this vehicle list will be applied. • Cameras: Choose the cameras to associate with this vehicle list. • Notes (Optional): Add any relevant notes, or leave this field blank if not needed. • Status: Choose whether to enable this vehicle list immediately or create it in a disabled state.
	Once you have entered all the information, click Add Vehicle List.



List name	Vehicles	Location	Camera	Status
Guest	9	—	DB14_LPR_Office (DO NOT CHANGE SETTINGS)	☒
Eagle Eye Employees	31	—	DB14_LPR_Office (DO NOT CHANGE SETTINGS)	☒

- The new vehicle list appears under **Vehicle List**.

Vehicle list details:

- **List Name:** Displays the name of the created vehicle list.
- **Vehicles:** Indicates the number of vehicles added to the vehicle list.

- **Location:** Shows the location associated with the vehicle list.
- **Camera:** Displays the number of cameras linked to the vehicle list.
- **Status:** Indicates the current status of the vehicle list.

Add Vehicles to the Vehicle List

To add vehicles to a Vehicle List, click the Vehicle List where you want to add vehicles.

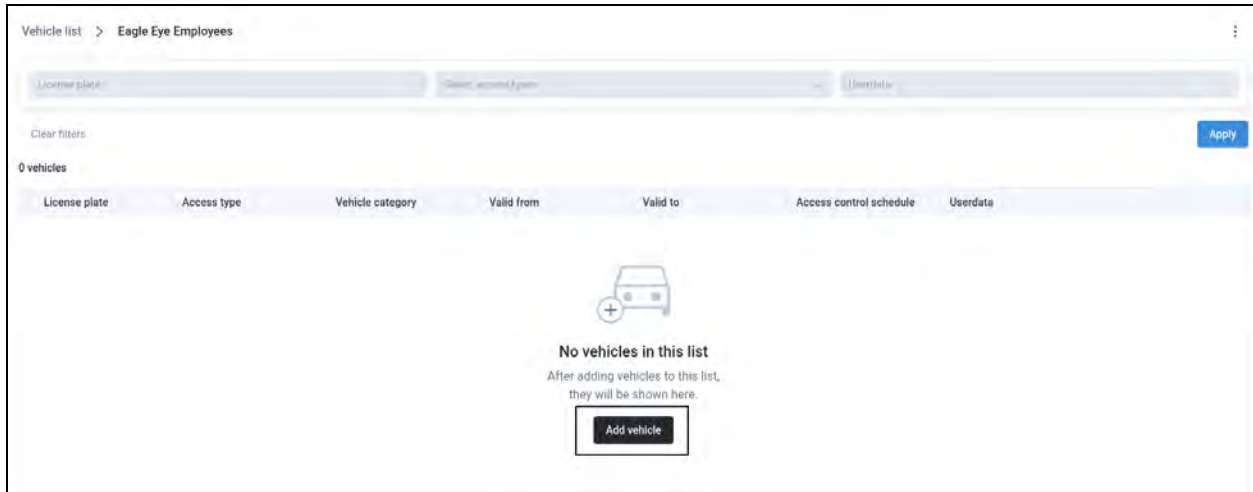
The screenshot shows the 'Vehicle list' interface. At the top, there are four filter fields: 'Vehicle list name', 'License plate', 'Select locations', and 'Select divisions'. Below these is a 'Clear filters' link and an 'Apply' button. A section labeled '1 vehicle list' contains a table with the following data:

List name	Vehicles	Location	Camera	Status
Eagle Eye Employees	0	All locations	9	☒

- **Add Vehicle:** Use this option to add individual vehicle details. This is ideal for adding a small number of vehicles to the list.
- **Upload List via CSV:** Use this option to add a large number of vehicles at once, suitable for bulk uploads.

Add a vehicle individually:

- If the vehicle list is empty, click **Add Vehicle**. This sends you to the appropriate dialogue.



- If there are already vehicles in the list and you wish to add more, click the **Menu** (three vertical dots) in the top-right corner of the Vehicle List page, then select **Add Vehicle**. Refer to the screenshot below.



- Fill in the required details and click **Add Vehicle**.
- Details for each field on the **Add Vehicle** page are below.

< Add vehicle

License plate
BLD2397

Vehicle list
Employee List

Access type
Allow

Validation period
yyyy-mm-dd
yyyy-mm-dd

Access control schedule
24 hours

Vehicle tags (optional)
brivo employee
engineering department

Parameter	Definition
License Plate	The vehicle's license plate
Access Type	Allow: To allow the vehicle access Deny: To deny the vehicle access
Validation period	To define if the vehicle access has an expiration date. Only applicable for Brivo Eagle Eye LPR (Local ID).
Access control schedule	To define the days and times that the vehicle is allowed entry. Only applicable for Brivo Eagle Eye LPR (Local ID).
Vehicle Tags	The Vehicle Tags field lets you add custom information about a vehicle, making it easier to identify or categorize vehicles based on your operational needs. Examples: • Owner: John Smith • Stolen Vehicle • Delivery Van • VIP

To Add Vehicles Using a CSV File:

We have a template that needs to be filled out with vehicle details to add vehicles using a CSV file.

Download the template:

1. Go to the Menu (three vertical dots) in the top right corner of the Vehicle List page and click **Upload list via CSV**.
2. Click the **Download template** button to download the template.

3. Open the downloaded CSV file on your system, add the vehicle details, and save the file.

Note: Fields marked with “*” (Plate and Access type) are mandatory. Ensure the data in the CSV matches the format mentioned in each column.

* Plate	Valid from (yyyy-mm-dd)	Valid to (yyyy-mm-dd)	* Access type (Allow or Deny)	Vehicle category (Hotlist or Exempted)	Monday (hh:mm/hh:mm)	Tuesday (hh:mm/hh:mm)	Wednesday (hh:mm/hh:mm)	Thursday (hh:mm/hh:mm)	Friday (hh:mm/hh:mm)	Saturday (hh:mm/hh:mm)	Sunday (hh:mm/hh:mm)	User data
EAGLE123	2024-07-12	2024-07-18	Allow	Exempted								Department/Support
EEN159			Deny									Department/Engineering
ABC135			Allow	Exempted								Department/Marketing
XYZ246	2024-07-11	2024-07-15	Allow	Exempted								Department/Support

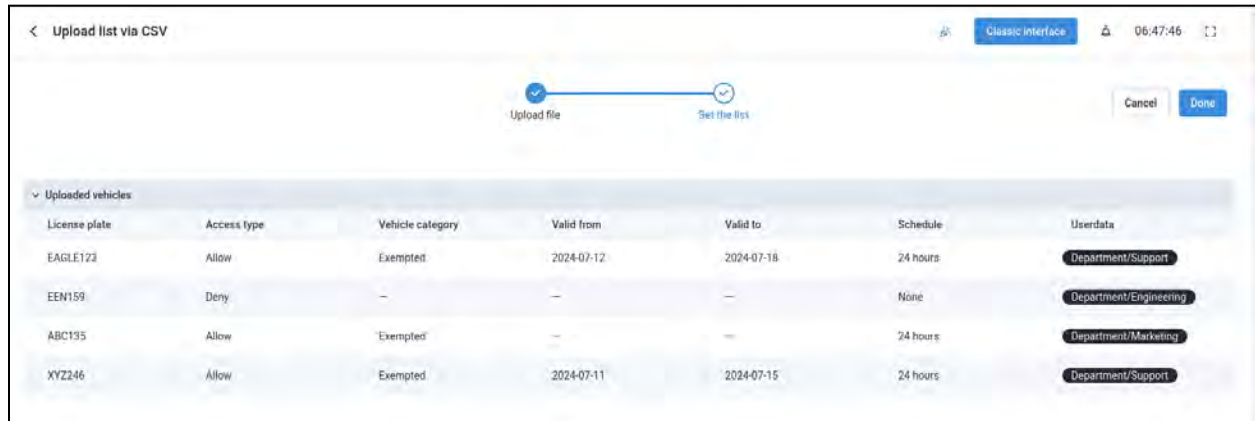
To upload the CSV file:

1. Click **Browse Files** or drag and drop the file into the box.
2. Once the CSV is uploaded, click **Next**.

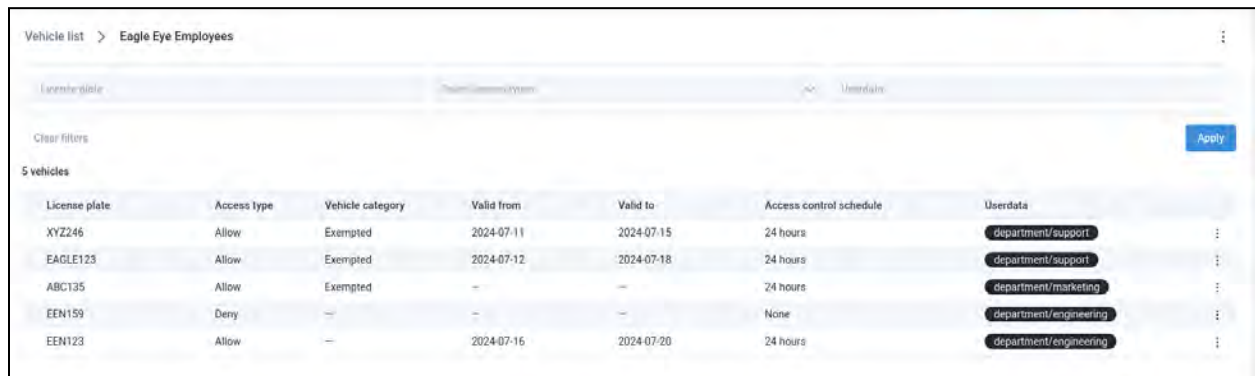
The CSV file will be validated, and a table of all the data will be shown.

- You will be notified of any entries that do not match the required format.

- Plates that already exist in the vehicle list will also be indicated.
- Review the data and click **Done** to insert the vehicles from the CSV file into the Vehicle List.
 - If changes are needed, click **Cancel**, make the necessary changes, and re-upload the CSV file.



- Once the data is successfully uploaded, you should see all the new entries in the vehicle list.



If vehicles fail to upload to the vehicle list:

If the plates already exist or there are errors in the input, the upload process will fail for those vehicles. The results will be shown as follows:

- **Failed Vehicles (Red Box):** These plates were ignored because they already exist in the vehicle list.

- **Uploaded Vehicles (Green Box):** These plates were successfully added to the vehicle list.

Upload list via CSV

Upload file Set the list

Cancel Done

Classic interface 15:18:03

Failed vehicles							
License plate	Access type	Vehicle category	Valid from	Valid to	Schedule	Userdata	Table row
EEN135	Allow	Exempted	2024-07-12	2024-07-18	24 hours	Company/EEN +1	2
EEN124	Deny	-	2024-07-12	2024-07-20	None	Company/EEN +1	3
ABC987	Allow	Hotlist	2024-07-12	2024-07-25	24 hours	Company/EEN +1	4

Uploaded vehicles						
License plate	Access type	Vehicle category	Valid from	Valid to	Schedule	Userdata
EEN145	Deny	Hotlist	-	-	None	-
EEN765	Allow	Hotlist	-	-	24 hours	-
XYZ001	Deny	Hotlist	-	-	None	-
IND123	Allow	Exempted	-	-	24 hours	-

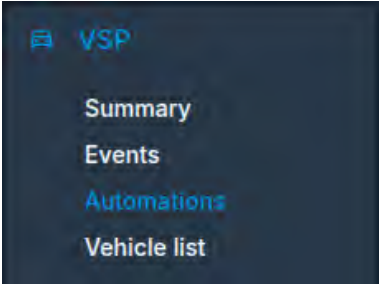
Linking the Vehicle List to the Rules

Brivo Eagle Eye VSP Rules service allows users to configure a rule and receive an alert when a license plate event qualifies the rule. There are different rules. Brivo Eagle Eye VSP is configured to a specific plate or a vehicle list (a group of license plates). It supports different rules, such as:

- Allowed Vehicle
- Denied Vehicle
- Watch Vehicle
- Unregistered Vehicle
- Count of license plates
- Hotlist Vehicle

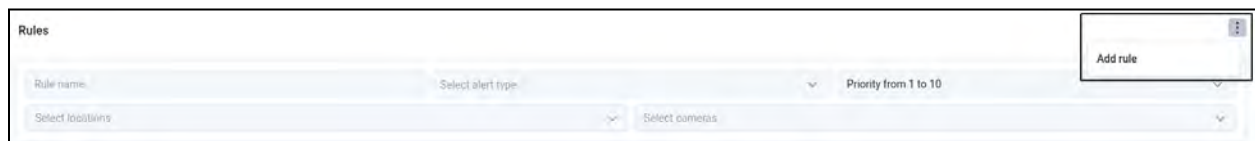
Alerts generated are sent to the alert manager service, and configured alert actions are performed.

Linking a Vehicle List while creating a new rule:

	Go to the Automations -> Rules page under the VSP section.
---	--

Add a new rule:

- Click the Menu (three vertical dots) located in the top right corner of the Rules page and select **Add Rule**. Refer to the screenshot below.



Create the Rule:

- Fill in the required details on the Add Rule page and click **Add Rule**. An example rule is:
 - Created a Rule for the **Unregistered** vehicles and linking the **Brivo Eagle Eye Employee Vehicle List**.
 - If a vehicle is detected that is not on the Brivo Eagle Eye Employee Vehicle List, an alert will be triggered.

Linking a Vehicle List to an existing rule:

Navigate to and edit the Rules:

- Go to the **VSP -> Rules** page and click the Menu (three vertical dots) icon on the right side of the Rule that you want to edit and select **Edit**.

2 rules

Name	Alert type	Notes	Priority	Location	Camera	Status
Rule for Hotlist Vehicles	Hotlist	—	9 (high)	2 locations	2 cameras	☒
Rule for Guest	Unregistered vehicle	—	9 (high)	1 locations	2 cameras	☐

Details
Edit
Delete

Modify the rule:

- Change the Target type to **Vehicle List**.
- Select the appropriate Vehicle List that contains the license plate details based on the applied condition. An example is shown below:
 - Created a Vehicle List called **Guest and Hotlist** with vehicle license plate information.

9 vehicles						
License plate	Access type	Vehicle category	Valid from	Valid to	Access control schedule	Userdata
EEN0123	Allow	—	—	—	24 hours	company/een +1
EEN765	Allow	Hotlist	—	—	24 hours	—
EEN124	Deny	—	—	—	None	company/een +1
EEN145	Deny	Hotlist	—	—	None	—
EEN135	Allow	Exempted	2024-07-12	2024-07-18	24 hours	company/een +1
ABC987	Allow	Hotlist	—	—	24 hours	company/een +1
IND123	Allow	Exempted	—	—	24 hours	—
XYZ001	Deny	Hotlist	—	—	None	—
EEN123	Allow	Hotlist	—	—	Custom	company/een +1

- Edited the existing rule for the **Hotlist** and changed the Target type from **License plate** to the **Vehicle list** the **Guest and Hotlist** Vehicle List to the rule.

Before	After
< Edit rule Rule name Hotlist Source VSP Priority 9 (high) Notes Status ☒ Conditions (1) Alert type Hotlist vehicle Target type License plate Plate number ABC1234 When 24 hours Locations All locations Cameras All cameras	< Edit rule Rule name Hotlist Source VSP Priority 9 (high) Notes Status ☒ Conditions (1) Alert type Hotlist vehicle Target type Vehicle list Vehicle list Guest and Hotlist When 24 hours Locations All locations Cameras All cameras

Note: The camera and location for a rule are limited to the cameras applicable to the vehicle list chosen.

Reference Documents

- [LPR Datasheet](#)
- [VSP Datasheet](#)
- [LPR Setup and Configuration App Note](#)
- [DB14 Installation Guide](#)