



Rekor Scout User Manual

Version 1.15.1

Revision History

Version	Date	Description	Author
1.15.1	11/2025	Updated screenshots and content	M. Covington

Copyright

The Rekor Systems products described in this document may include copyrighted Rekor Systems software. Laws in the United States and other countries preserve for Rekor Systems, Inc. to retain certain exclusive rights for copyrighted software. Accordingly, any copyrighted Rekor Systems software contained in the Rekor Systems products described in this document may not be copied or reproduced in any manner without the express written permission of Rekor Systems, Inc.

© 2025 Rekor Systems, Inc. All Rights Reserved

No part of this document may be reproduced, transmitted, stored in a retrieval system, or translated into any language or computer language, in any form or by any means, without the prior written permission of Rekor Systems, Inc.

Furthermore, the purchase of Rekor Systems products shall not be deemed to grant either directly or by implication, estoppel or otherwise, any license under the copyrights, patents, or patent applications of Rekor Systems, except for the normal non-exclusive, royalty-free license to use that arises by operation of law in the sale of a product.

Disclaimer

Please note that certain features, facilities, and capabilities described in this document may not be applicable to or licensed for use on a specific system or may be dependent upon the characteristics of a specific scenario or configuration of certain parameters. Please refer to your Rekor Systems Support at support.rekor.ai for further information.

Trademarks

REKOR, REKOR CARCHECK, REKOR DISCOVER, REKOR COMMAND, REKOR SCOUT, and REKOR EDGE, are trademarks or registered trademarks of Rekor Systems, Inc. and are used under license. All other trademarks are the property of their respective owners.

Contents

1	Introduction.....	1
2	Login.....	1
3	Dashboard	3
3.1	Quick View Panels	4
3.1.1	Cameras	4
3.1.2	Sites	4
3.1.3	Plates This Week.....	5
3.1.4	Recent Alerts.....	5
3.2	Most Recent Plate Groups.....	6
3.3	Alerts List.....	7
3.4	Top Camera/Alerts of the Week.....	8
3.5	Quick Search.....	9
4	Camera Configuration and Settings	10
4.1	Agent Connection.....	10
4.2	Agent Name	11
4.3	Agent Configuration	11
4.3.1	Status.....	13
4.3.2	Video Streams.....	13
4.3.3	Video Stream Configuration.....	14
4.3.4	Detection Zone.....	14
4.3.5	Direction of Travel.....	14
4.3.6	Test Connection.....	15
4.3.7	Agent Parameters	16
4.3.8	Agent Log.....	16
5	Advanced Search	17
5.1	Search Parameters	17
5.1.1	Plate Candidates	18
5.1.2	Alerts.....	18

5.1.3	Vehicle Type Search	19
5.1.4	Vehicle Image Search	19
5.1.5	Rekor Public Safety Network (RPSN) Search	20
5.1.6	Federated Search	20
5.2	Search Results	21
6	Dispatch Map	22
6.1	Alert List	23
6.1.1	A/V Alert Notification	24
6.2	Search Plates	25
6.3	Map Menu	26
7	Video Review	27
7.1	Video Selection	27
8	Statistics	28
9	Analytics and Reports	29
9.1	Create Reports	30
9.1.1	Interdiction Analysis	30
9.1.2	Convoy Analysis	31
9.1.3	Common Vehicle Analysis	32
9.1.4	Bulk Search Analysis	33
9.1.5	Vehicle Speed Analysis	34
9.2	Reports	35
10	Search Audit	36
11	Account Settings	38
11.1	Personal Info	39
11.2	Update Password	40
11.3	Company Information	40
11.4	System Settings	41
11.5	Delete Account	41
12	Guides and Support	42
13	Configuration	42
13.1	Alerts	43
13.1.1	Alert List Management	44
13.1.2	Alert Management	47

13.2	Licensed Agents.....	48
13.3	WebHooks.....	49
13.4	User Management.....	50
13.5	Data Sharing.....	51
13.6	Permissions Groups.....	53
13.7	Integrations.....	56
14	Billing and Subscriptions	58
14.1	Payment Information	58
15	CarCheck API.....	59

Figures

Figure 1. Login Screen	1
Figure 2. Forgot Password Screen.....	2
Figure 3. Dashboard	3
Figure 4. Quick View Panel	4
Figure 5. Quick View: Cameras	4
Figure 6. Sites Panel.....	4
Figure 7. Plates This Week Panel.....	5
Figure 8. Recent Alerts Panel.....	5
Figure 9. Most Recent Plates List	6
Figure 10. Site Selection and Results Time.....	6
Figure 11. Recent Alert List Panel.....	7
Figure 12. Alert Drop Down Menu.....	8
Figure 13. Graph of Captured Plates Count for the Week	8
Figure 14. Quick Search Location	9
Figure 15. Camera Configuration and Settings	10
Figure 16. Agents List	10
Figure 17. Agent Name.....	11
Figure 18. Agent Configuration	11
Figure 19. Agent Configuration Screen	12
Figure 20. Agent Status	13
Figure 21. Video Streams.....	13
Figure 22. Stream URL.....	13
Figure 23. Detection Zone	14
Figure 24. Direction of Travel.....	14
Figure 25. Camera Stream Configuration	15
Figure 26. Failed and Successful Camera Stream Configuration	15
Figure 27. Agent Parameters	16
Figure 28. Agent Log	16
Figure 29. Advanced Search	17
Figure 30. Plates Search	17
Figure 31. Candidates Search	18
Figure 32. Alerts Search	18
Figure 33. Vehicle Type Search.....	19
Figure 34. Vehicle Image Search	19
Figure 35. RPSN Search	20
Figure 36. Federated Search.....	20
Figure 37. Search Results	21
Figure 38. Dispatch Map	22
Figure 39. Alert List and Search Plates Functions.....	22
Figure 40. Selected Alert View.....	23
Figure 41. New Alerts Mapping.....	24
Figure 42. Alert sound settings (On/Off)	24

Figure 43. Search Criteria	25
Figure 44. Map Menu for Selective Views	26
Figure 45. Left: Camera Middle: Alerts Right: Layers	26
Figure 46. Video Review	27
Figure 47. Video Selection	27
Figure 48. Statistics	28
Figure 49. Analytic Reports	29
Figure 50. Interdiction Analysis Configuration	30
Figure 51. Convoy Analysis Configuration	31
Figure 52. Common Vehicle Analysis Configuration	32
Figure 53. Bulk Search Analysis Configuration	33
Figure 54. Vehicle Speed Analysis Configuration	34
Figure 55. Historic Reports	35
Figure 56. Reports Search and Results	35
Figure 57. Search Audit	36
Figure 58. Search Audit Search	36
Figure 59. Search Audit Results	37
Figure 60. Account Settings Location	38
Figure 61. Account Settings Screen	38
Figure 62. Personal information	39
Figure 63. Password Update	40
Figure 64. Company Information	40
Figure 65. System Settings	41
Figure 66. Delete Account	41
Figure 67. Configuration Menu	42
Figure 68. Alerts List and Results	43
Figure 69. Alert List Settings	44
Figure 70. Active Time Alerts Settings	45
Figure 71. Coordinate Selection for Specific Alerts	46
Figure 72. Individual Alert Management	47
Figure 73. Add Alert Window	47
Figure 74. Alert Notifications and Permissions	48
Figure 75. Licensed Agents	48
Figure 76. WebHooks	49
Figure 77. Successful WebHooks Test	49
Figure 78. User Management	50
Figure 79. Create Invite	50
Figure 80. API Key	51
Figure 81. Data Sharing – Add Server	52
Figure 82. Server Input	52
Figure 83. Permissions Groups	53
Figure 84. Add Group	53
Figure 85. Permissions Group Management Panel	54

Figure 86. Permissions Groups – Add User.....	54
Figure 87. Allowed Cameras.....	55
Figure 88. Alert Permissions.....	55
<i>Figure 89. Integrations Screen.....</i>	<i>57</i>
Figure 90. Billing and Subscriptions.....	58
Figure 91. Payment Screen	58
Figure 92. CarCheck Sample Page.....	59

1 Introduction

Rekor Scout® enables accurate license plate and vehicle recognition on nearly any IP, traffic, or security camera. Detection results are displayed within a web-based interface hosted in the cloud or on-premise. Installation is quick and easy, making it the perfect security enhancement for government agencies, law enforcement, businesses of all sizes, and even homeowners. Built using advanced artificial intelligence (AI) with 6+ years of machine learning (ML), Rekor Scout provides a vehicle's license plate number, make, model, color, and direction of travel in a single, searchable dashboard.

This User Manual describes each section of the web-based interface and its functions.

2 Login

To login to Rekor Scout, open a web browser and go to the following web address:

<https://Cloud.openalpr.com>

! NOTE: To access the dashboard and interact with the data & tools, the user must either be on a trial or have an active subscription to one of our [Rekor Scout® plans](#).

Enter your username and password. Click Login.

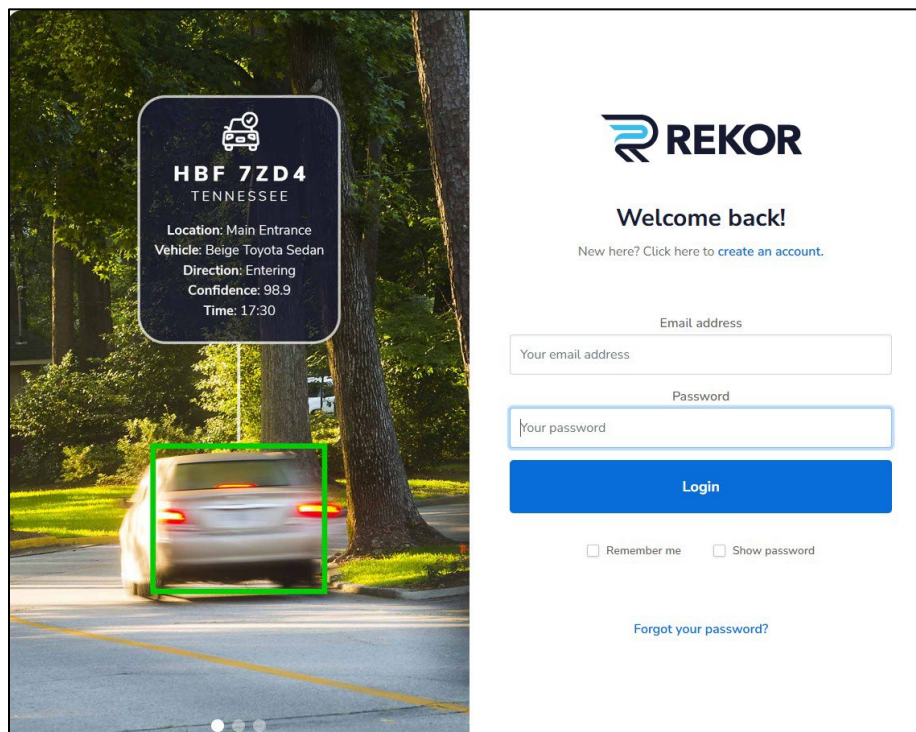
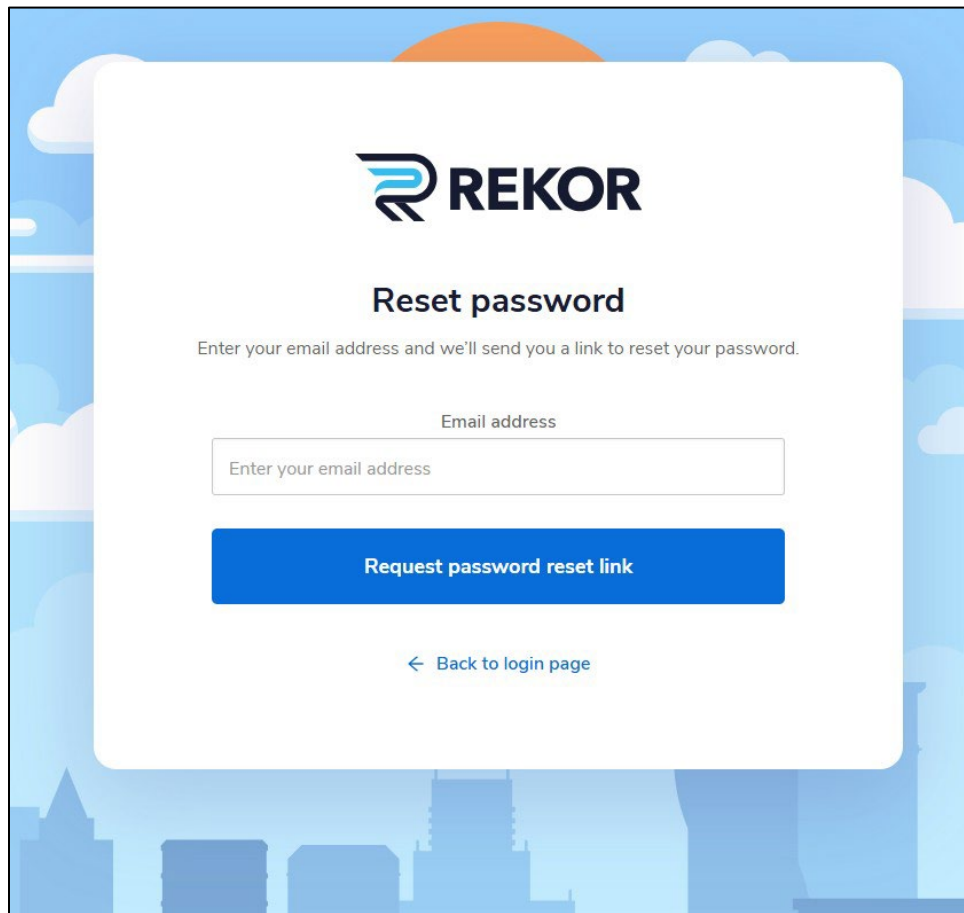


Figure 1. Login Screen

If you forget your password, click the Forgot your password? link at the bottom of the page. Enter your email address and click Request password reset link. A reset email will be sent to you. Follow the instructions in the email to reset your password.



The image shows a 'Reset password' screen for the REKOR application. The screen has a white background with a blue border. At the top, the REKOR logo is displayed. Below the logo, the title 'Reset password' is centered. Underneath the title, a message states: 'Enter your email address and we'll send you a link to reset your password.' There is a text input field labeled 'Email address' with the placeholder text 'Enter your email address'. Below the input field is a blue button with the text 'Request password reset link'. At the bottom of the screen, there is a link that says '← Back to login page'.

Figure 2. Forgot Password Screen

3 Dashboard

The Scout platform is web-based and provides access to license plates and other vehicle-related data. Scout has search capability and displays captured images of vehicles, license plate information, and any associated details (state of registration, color, make, body type, etc.). The dashboard gives users a quick summary of what is happening and displays recent reads and alerts.

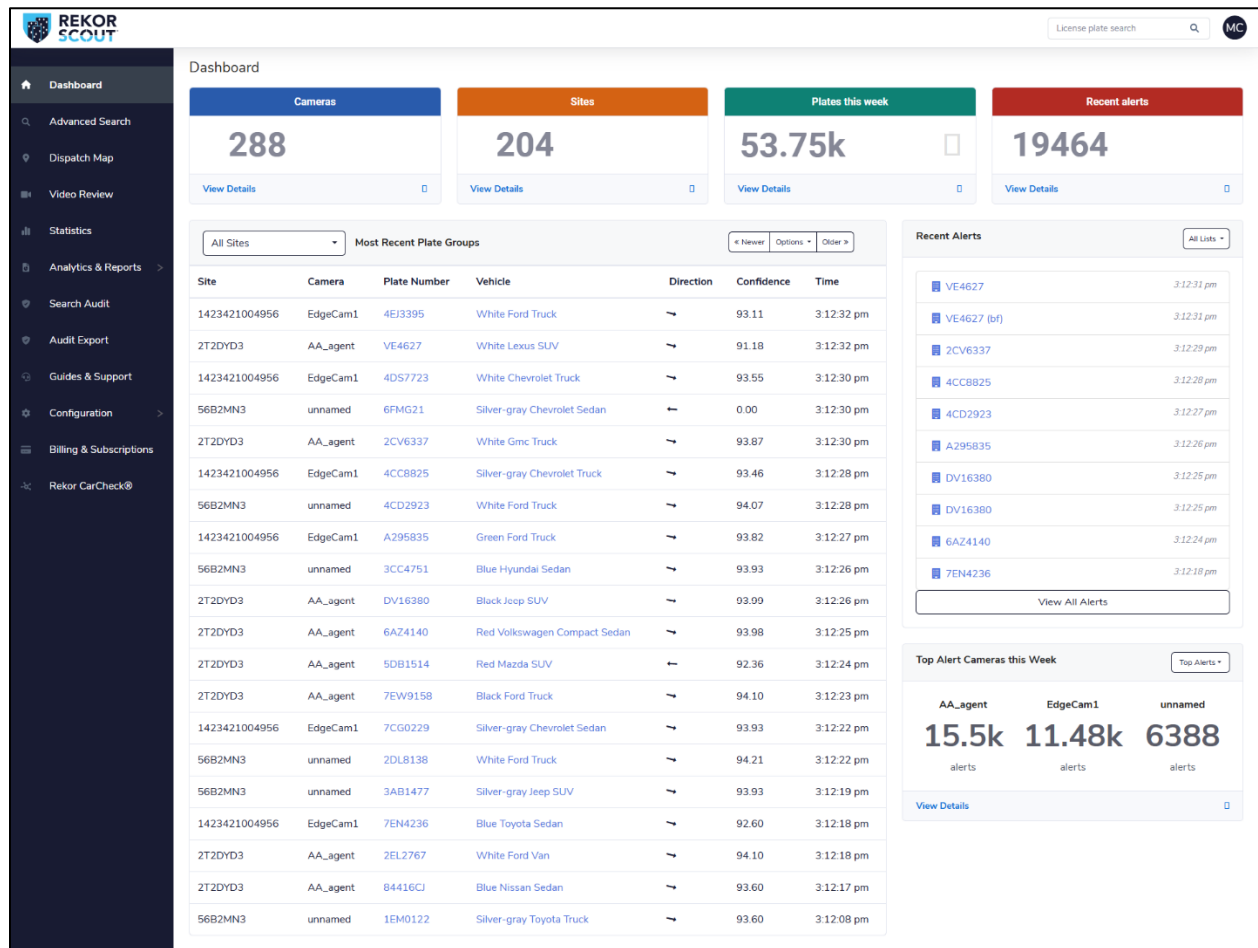


Figure 3. Dashboard

! Note: Scout agents must have a valid license to push data to the cloud.

3.1 Quick View Panels

The Rekor Scout® dashboard offers four “Quick View Panels” to see information about your setup at a glance. These four panels are Cameras, Sites, Plates This Week, and Recent Alerts.

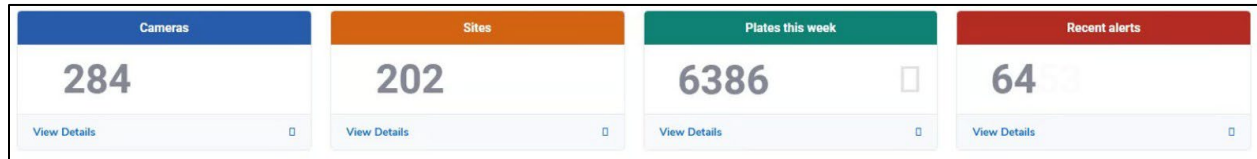


Figure 4. Quick View Panel

3.1.1 Cameras

The CAMERAS panel provides a quick view of the number of cameras installed.

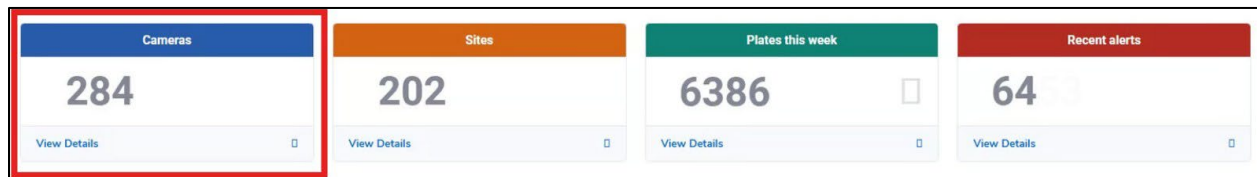


Figure 5. Quick View: Cameras

To view more details and configure the cameras, click View Details. This will take you to the Agents page in the Configuration module, where you will be able to configure the cameras.

3.1.2 Sites

The SITES panel provides detailed information about the location of all deployed systems out in the field.

! Note: the relationship between Sites and Cameras is not 1 to 1, as each site could have multiple cameras.

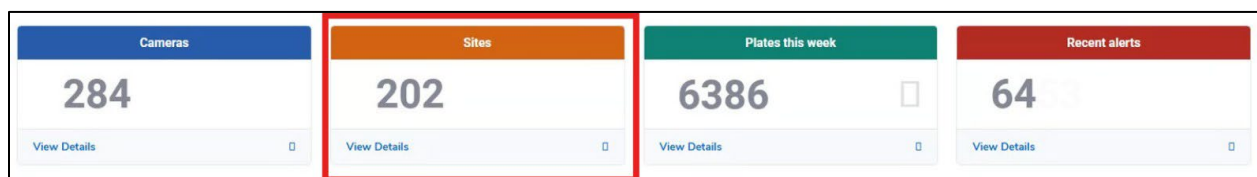


Figure 6. Sites Panel

Clicking View Details on this panel will redirect the user to the Agents page in the Configuration module where you will be able to configure the sites.

3.1.3 Plates This Week

The PLATES THIS WEEK panel displays the total number of plates read within the past 7 days.



Figure 7. Plates This Week Panel

Clicking View Details on this panel will redirect the user to Advanced Search.

3.1.4 Recent Alerts

The RECENT ALERTS panel displays the number of license plates that are associated with any alert list that has been set up.

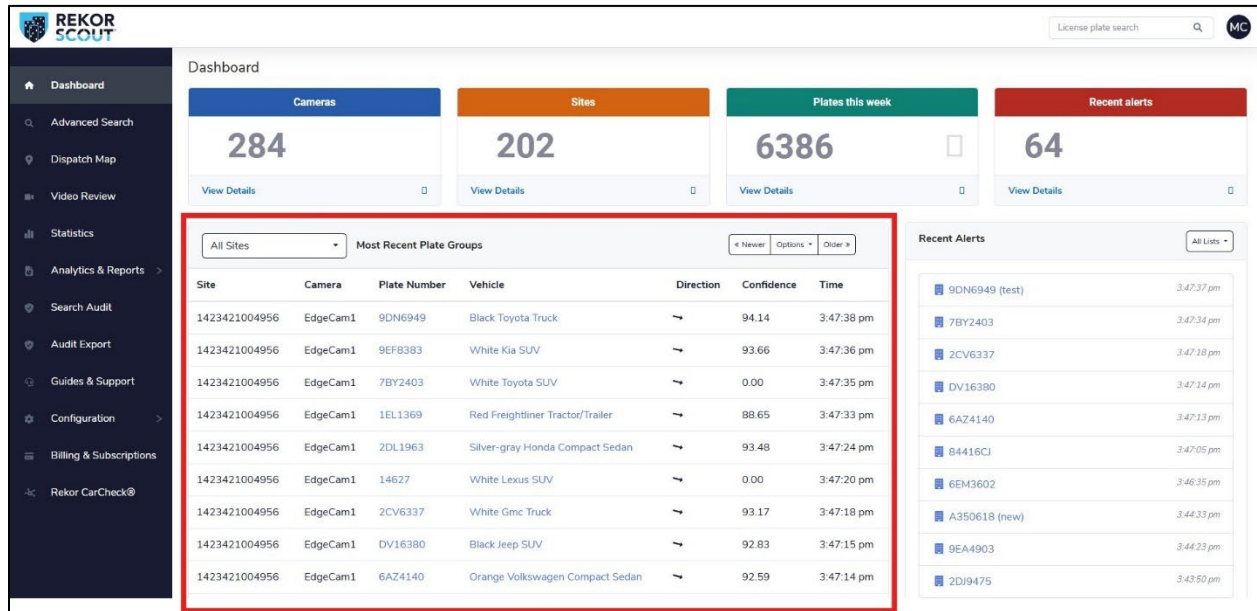


Figure 8. Recent Alerts Panel

By clicking View Details on this panel will redirect the user to Advanced Search.

3.2 Most Recent Plate Groups

The most recent captured plates are listed under a table panel on the dashboard. The most recent plates are presented based on their time.



Site	Camera	Plate Number	Vehicle	Direction	Confidence	Time
1423421004956	EdgeCam1	9DN6949	Black Toyota Truck	↗	94.14	3:47:38 pm
1423421004956	EdgeCam1	9EF8383	White Kia SUV	↗	93.66	3:47:36 pm
1423421004956	EdgeCam1	7BY2403	White Toyota SUV	↗	0.00	3:47:35 pm
1423421004956	EdgeCam1	1EL1369	Red Freightliner Tractor/Trailer	↗	88.65	3:47:33 pm
1423421004956	EdgeCam1	2DL1963	Silver-gray Honda Compact Sedan	↗	93.48	3:47:24 pm
1423421004956	EdgeCam1	14627	White Lexus SUV	↗	0.00	3:47:20 pm
1423421004956	EdgeCam1	2CV6337	White Gmc Truck	↗	93.17	3:47:18 pm
1423421004956	EdgeCam1	DV16380	Black Jeep SUV	↗	92.83	3:47:15 pm
1423421004956	EdgeCam1	6AZ4140	Orange Volkswagen Compact Sedan	↗	92.59	3:47:14 pm

Figure 9. Most Recent Plates List

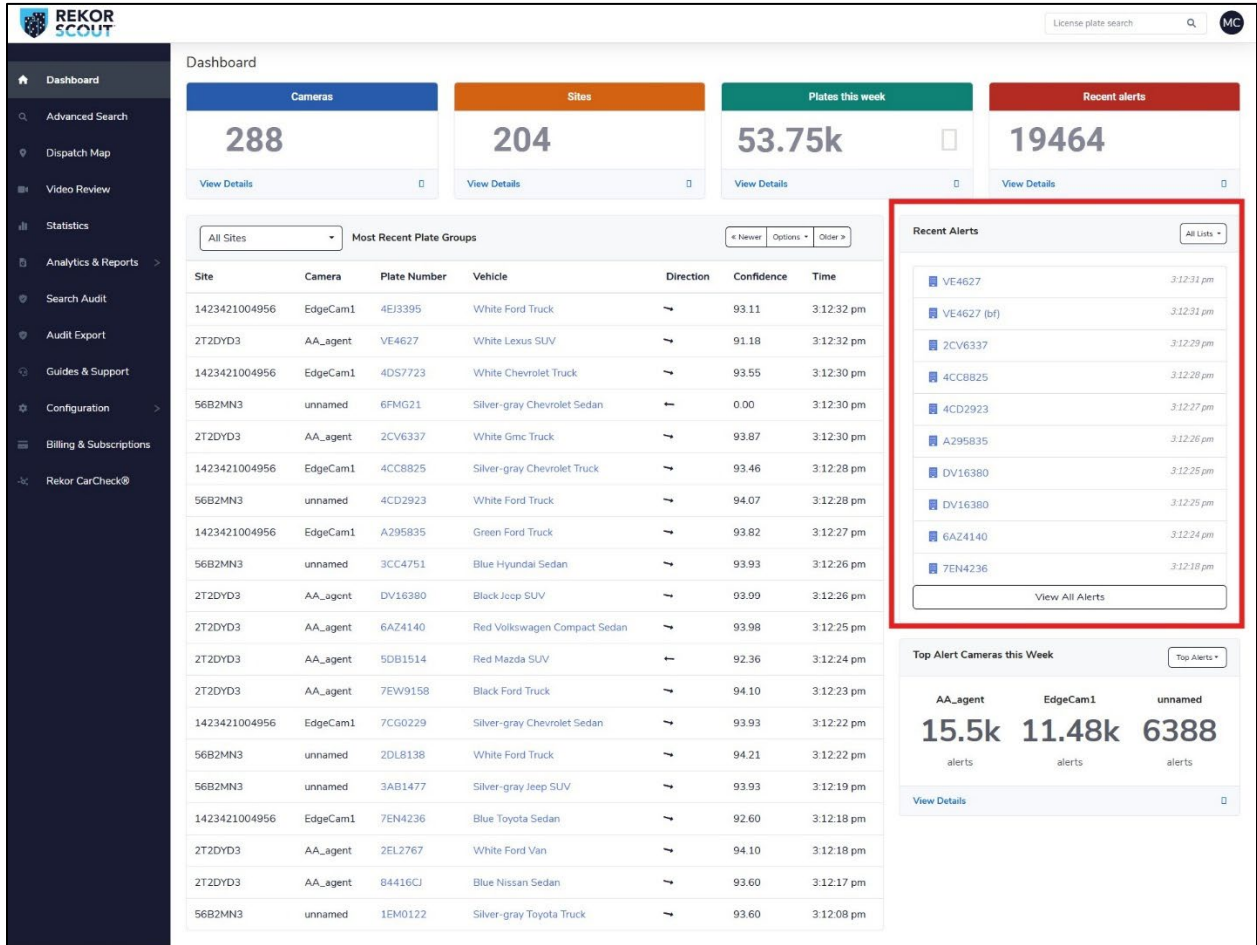
The plate reads can be sorted by their specific agent and allows them to be viewed from the oldest to newer reads manually. Additionally, the platform can be set to “Auto-Update” the list which will refresh it every 30 seconds with the most recent plate reads to show up at the top of the list.



Figure 10. Site Selection and Results Time

3.3 Alerts List

The Recent Alerts panel displays alerts that are associated with the selected alert list on the top-right corner of this panel.



The screenshot shows the REKOR Scout Dashboard. The main content area is divided into four panels: Cameras (288), Sites (204), Plates this week (53.75k), and Recent alerts (19464). Below these panels is a table titled 'Most Recent Plate Groups' with columns: Site, Camera, Plate Number, Vehicle, Direction, Confidence, and Time. The table lists various vehicles and their associated data. On the right side, there is a 'Recent Alerts' panel, which is highlighted with a red box. This panel shows a list of alerts with columns for the alert ID (e.g., VE4627) and the time (e.g., 3:12:31 pm). Below the list is a 'View All Alerts' button. At the bottom right, there is a 'Top Alert Cameras this Week' panel showing counts for AA_agent (15.5k), EdgeCam1 (11.48k), and unnamed (6388).

Figure 11. Recent Alert List Panel

On this panel, users have the option to select:

- All Lists – to review all the alerts combined from all the active alert lists and sorted with most recent on top of the list.
- Specific List – to filter the provided results by a desired active list and view alerts based on the selected list only.

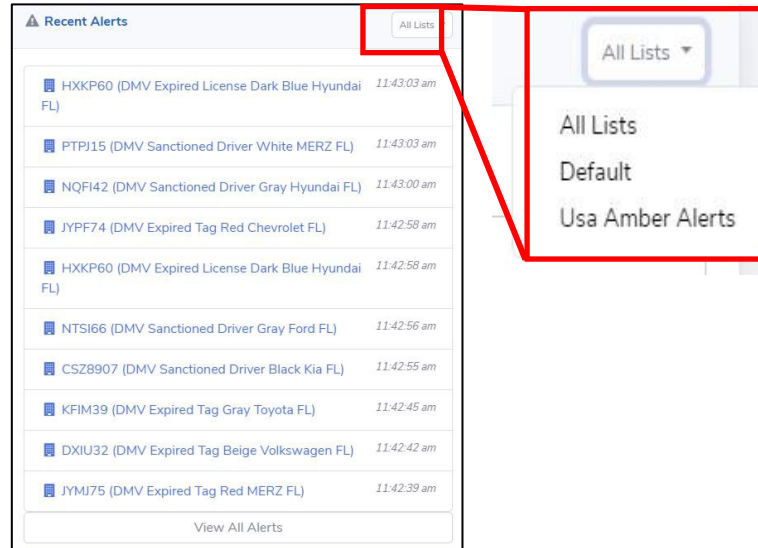


Figure 12. Alert Drop Down Menu

3.4 Top Camera/Alerts of the Week

The Top Camera/Alerts panel provides a visual presentation of reads and alerts. You may toggle between the following choices:

- Top cameras: Cameras with the most plate reads
- Top alert cameras: Cameras that have the most plate reads that are on an alert list.

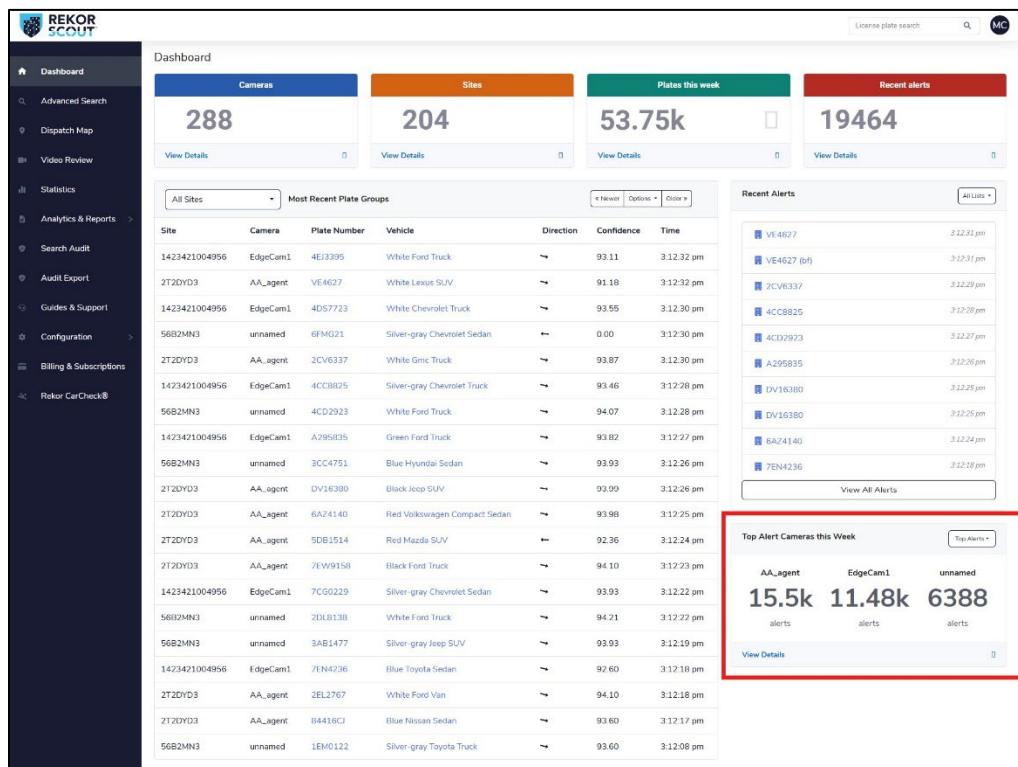
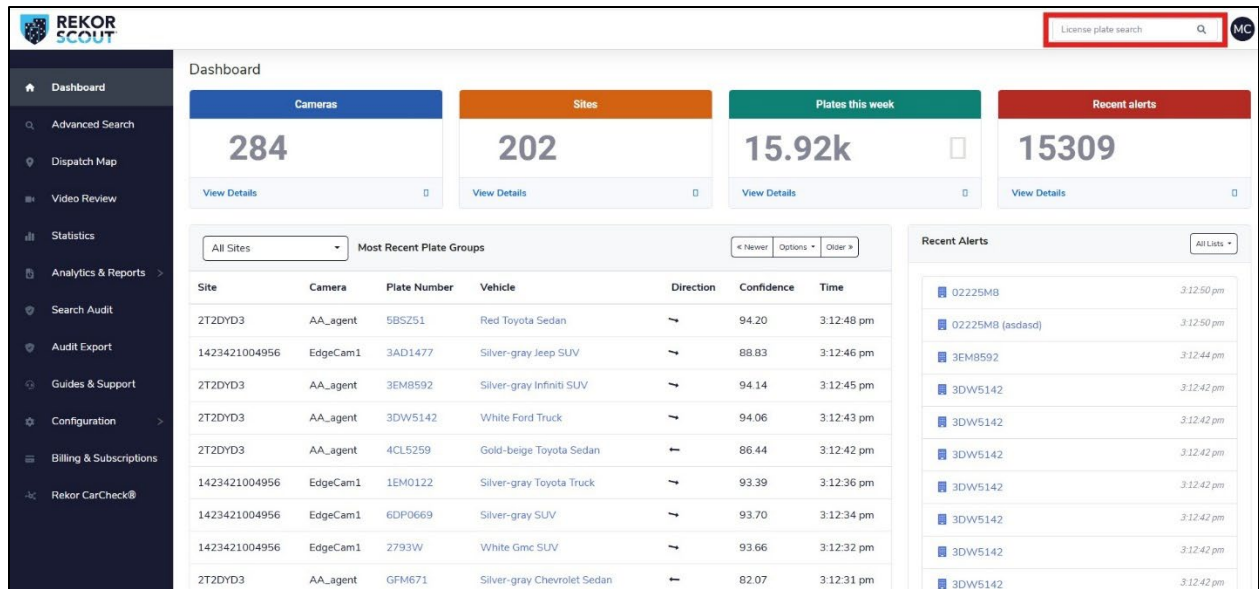


Figure 13. Graph of Captured Plates Count for the Week

3.5 Quick Search

A Quick Search bar is accessible at the top right side of the page. This gives quick access to any information regarding the captured license plate of interest. Simply type in a license plate number and the Quick Search will redirect to Advanced Search and list all the information regarding that plate number.



The screenshot shows the Rekor Scout dashboard. At the top right, there is a search bar labeled "License plate search" with a magnifying glass icon and a "MC" button. The dashboard includes several summary cards: "Cameras" with 284, "Sites" with 202, "Plates this week" with 15.92k, and "Recent alerts" with 15309. Below these cards is a table titled "Most Recent Plate Groups" with columns: Site, Camera, Plate Number, Vehicle, Direction, Confidence, and Time. The table lists several entries, including vehicles like Red Toyota Sedan, Silver-gray Jeep SUV, Silver-gray Infiniti SUV, White Ford Truck, Gold-beige Toyota Sedan, Silver-gray Toyota Truck, Silver-gray SUV, White Gmc SUV, and Silver-gray Chevrolet Sedan. To the right of the table is a "Recent Alerts" section with a list of alerts, each showing a license plate number and a timestamp.

Site	Camera	Plate Number	Vehicle	Direction	Confidence	Time
2T2DYD3	AA_agent	5BSZ51	Red Toyota Sedan	→	94.20	3:12:48 pm
1423421004956	EdgeCam1	3AD1477	Silver-gray Jeep SUV	→	88.83	3:12:46 pm
2T2DYD3	AA_agent	3EM8592	Silver-gray Infiniti SUV	→	94.14	3:12:45 pm
2T2DYD3	AA_agent	3DW5142	White Ford Truck	→	94.06	3:12:43 pm
2T2DYD3	AA_agent	4CL5259	Gold-beige Toyota Sedan	→	86.44	3:12:42 pm
1423421004956	EdgeCam1	1EM0122	Silver-gray Toyota Truck	→	93.39	3:12:36 pm
1423421004956	EdgeCam1	6DP0669	Silver-gray SUV	→	93.70	3:12:34 pm
1423421004956	EdgeCam1	2793W	White Gmc SUV	→	93.66	3:12:32 pm
2T2DYD3	AA_agent	GFM671	Silver-gray Chevrolet Sedan	→	82.07	3:12:31 pm

Figure 14. Quick Search Location

4 Camera Configuration and Settings

Each system can be accessed and configured using the processing agent on the LPR cameras. Click View Details under the CAMERA panel to access the camera agents and their configurations page.

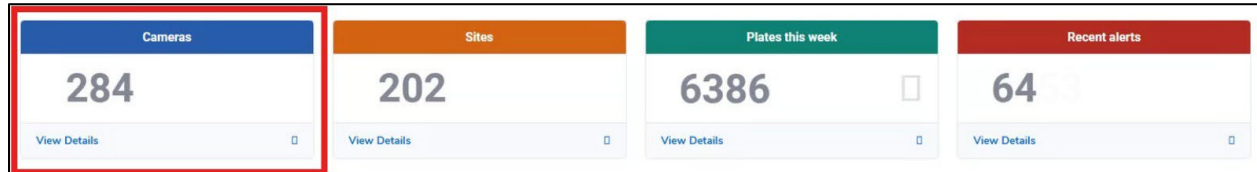


Figure 15. Camera Configuration and Settings

4.1 Agent Connection

A list of all active and inactive agents will be shown in the detailed view of the “CAMERA” menu where the green thumbs up represent active status and red thumbs down shows depict inactive status. This is the easiest way to check whether your cameras are actively reading plates.

Configuration

Agents

Software Agents

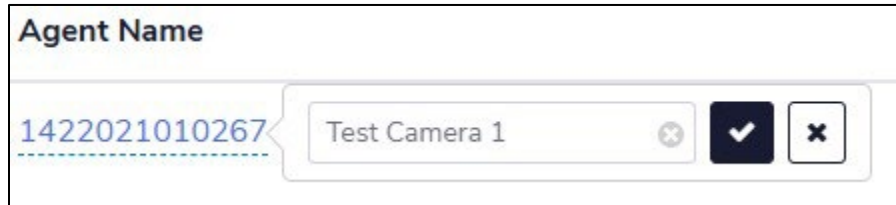
Agents are automatically detected as soon as they start up and connect to OpenALPR.

Agent Name	Hostname	Status	Cameras	
1422021010267	1422021010267		1	Configure Delete
1423421004956	1423421004956		1	Configure Delete
1424721009609	1424721009609		1	Configure Delete
1424721031328	1424721031328		1	Configure Delete
2T2DYD3	2T2DYD3		1	Configure Delete
435ae6aa103d	435ae6aa103d		0	Configure Delete
56B2MN3	56B2MN3		1	Configure Delete
75HV6G3	75HV6G3		1	Configure Delete
8ZV8FB3	8ZV8FB3		1	Configure Delete

Figure 16. Agents List

4.2 Agent Name

To customize the order of cameras, the agent name can be changed. Some examples of naming schemes would be the specific location of the camera, cross streets, or, an address. To change the name of the agent, click on the agent name, and a new window will open.



The image shows a window titled "Agent Name". On the left, there is a text field containing the ID "1422021010267" with a dashed underline. To the right of this field is a text input box containing "Test Camera 1". To the right of the input box are three buttons: a small "x" icon, a checkmark icon, and another "x" icon.

Figure 17. Agent Name

Enter the new name. Click the checkmark to save.

4.3 Agent Configuration

Under the Agents screen, users can also view the current video stream and agent status. Additional functionalities include new video streams configuration, agent parameters settings, and review of the current live agent log which can be accessed by clicking on Configure of the specific agent. Unused agents can also be removed by clicking on the Delete button in the same agent.

Status	Cameras	
	1	Configure Delete

Figure 18. Agent Configuration

Upon encountering this error, an immediate quick resolving attempt would be to restart the system and wait/check for the agent connection shortly after. Otherwise, contact Rekor Support at support@rekor.ai if the error persists.

Click Configure on a connected agent to access the Agent Configuration Screen.

Figure 19. Agent Configuration Screen

4.3.1 Status

The Status section shows the current state of a specific agent, agent version, CPU usage, Agent and System Uptime, and Hard Drive Capacity.

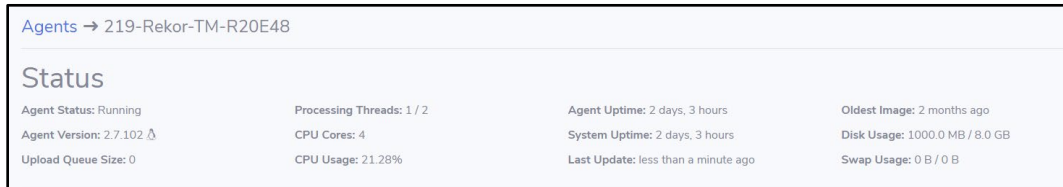
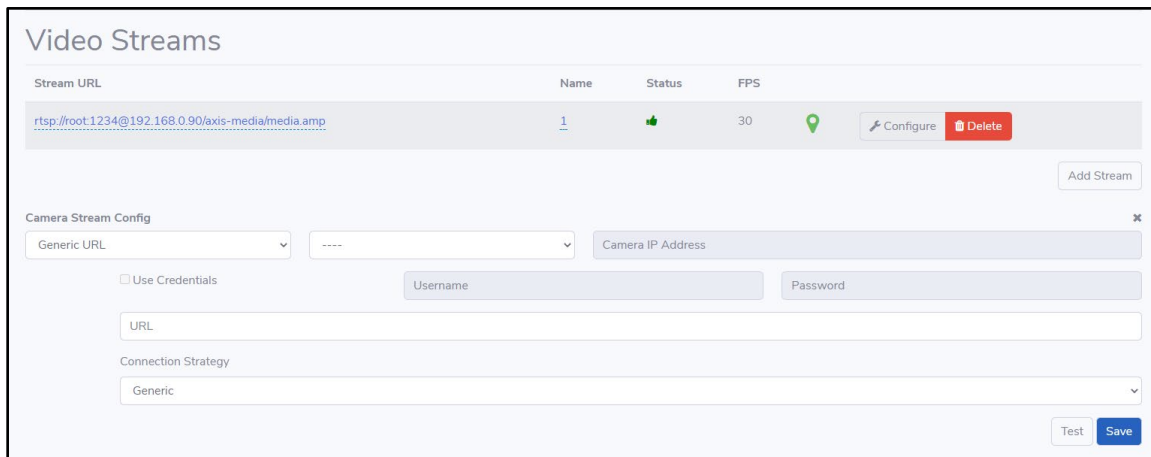


Figure 20. Agent Status

4.3.2 Video Streams

This section of the agent configuration screen shows all related configuration of the video camera.



Video Streams

Stream URL	Name	Status	FPS	
rtsp://root:1234@192.168.0.90/axis-media/media.amp	1		30	Configure Delete

[Add Stream](#)

Camera Stream Config

Generic URL Camera IP Address

☐ Use Credentials Username Password

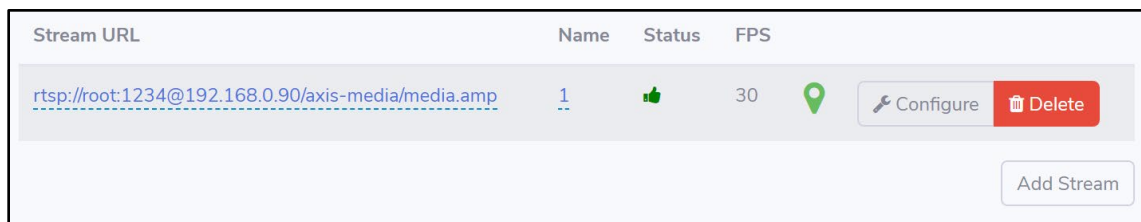
URL

Connection Strategy

[Test](#) [Save](#)

Figure 21. Video Streams

The Stream URL sub-section lists the actual video camera URL, camera name, status, frames per second (FPS), and location of the camera. Also, additional video streams can be added by the user if it's needed.



Stream URL	Name	Status	FPS	
rtsp://root:1234@192.168.0.90/axis-media/media.amp	1		30	Configure Delete

[Add Stream](#)

Figure 22. Stream URL

4.3.3 Video Stream Configuration

Click Configure next to the Stream URL to set the detection zone and direction of travel.

4.3.4 Detection Zone

This panel will allow users to apply detection masks on the parts of the image that is of interest.

- The Green Inclusion box serves as the zone of interest.
- Red Exclusion box Serves as a disregarded detection zone.



Figure 23. Detection Zone

4.3.5 Direction of Travel

In this tab users can define a Direction, Angle, Tolerance and even give system the ability to delete the data captured moving in the unwanted direction. Once

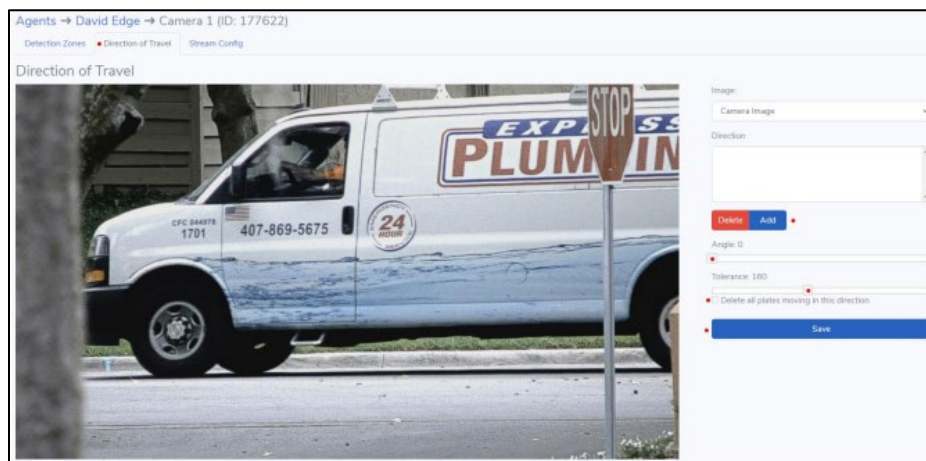
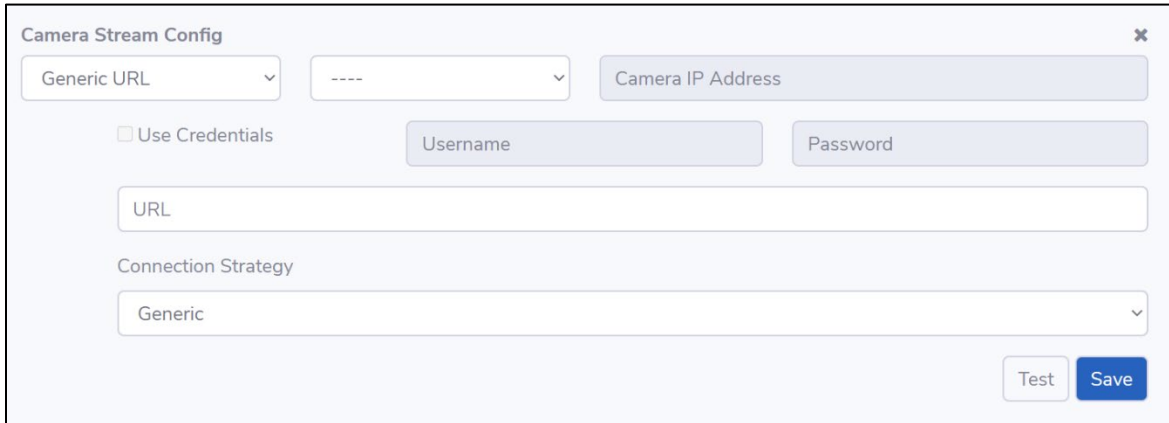


Figure 24. Direction of Travel

4.3.6 Test Connection

The Camera Stream Config sub-section allows users to customize the stream to specific camera brands or use a generic URL.



The 'Camera Stream Config' dialog box contains the following fields and controls:

- Generic URL**: A dropdown menu.
- : A dropdown menu.
- Camera IP Address**: A text input field.
- ☐ **Use Credentials**: A checkbox.
- Username**: A text input field.
- Password**: A text input field.
- URL**: A text input field.
- Connection Strategy**: A dropdown menu with 'Generic' selected.
- Test**: A button.
- Save**: A button.

Figure 25. Camera Stream Configuration

Once a camera stream information is filled in, test the connection to make sure it is configured correctly before saving the configuration.

If the configuration checks fail, a Test Failed popup window will appear.

If the configuration check passes, a Test Successful window will appear.

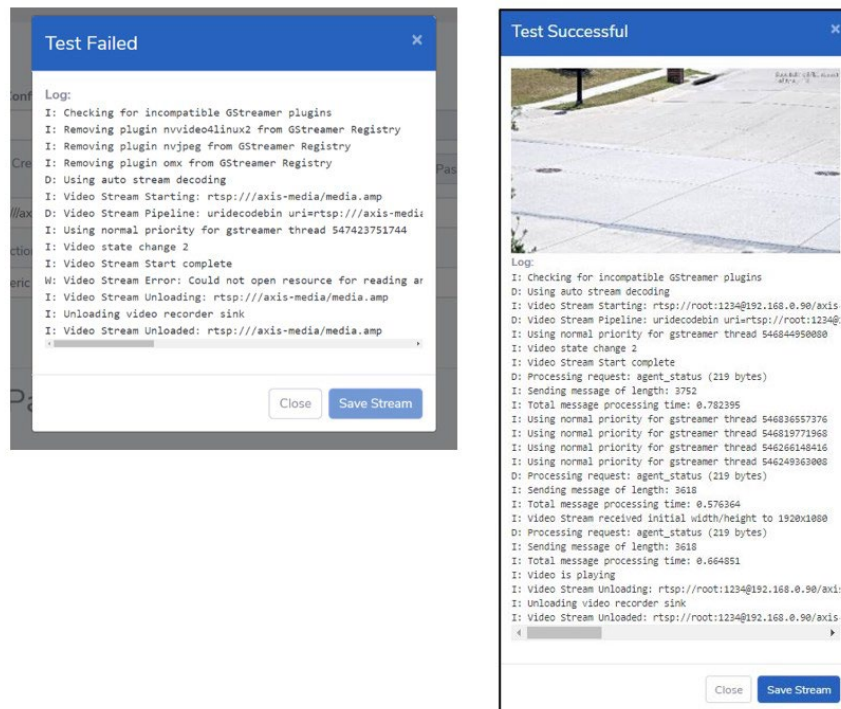
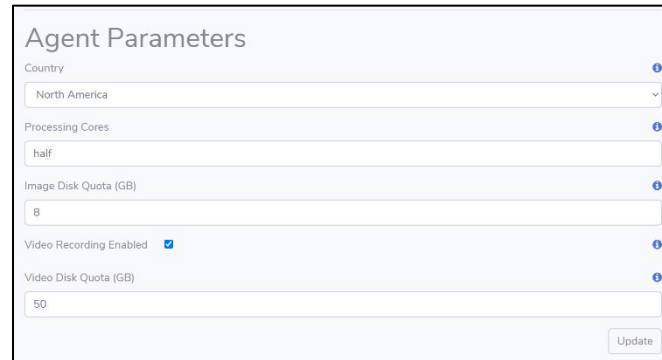


Figure 26. Failed and Successful Camera Stream Configuration

4.3.7 Agent Parameters

The Agent Parameter section allows users to specify Country, Processing Cores, the Image Disk Quota, option for Video Recording Enabled, and Video Disk Quota.



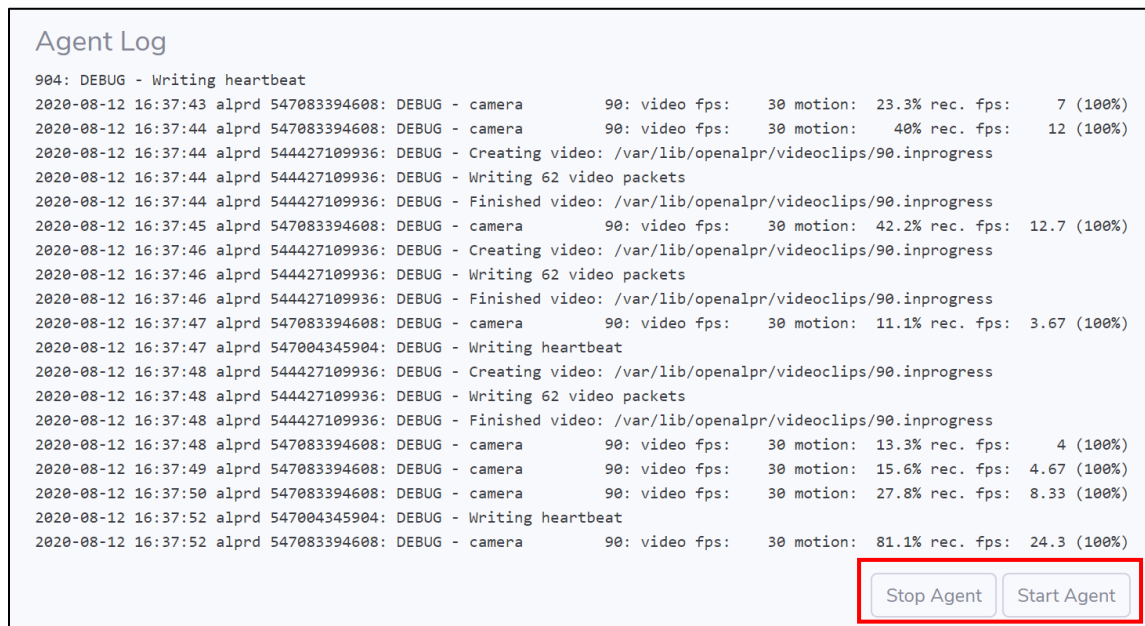
The Agent Parameters form is a light blue box with a title bar. It contains the following fields:

- Country:** A dropdown menu with "North America" selected.
- Processing Cores:** A text input field with "half" entered.
- Image Disk Quota (GB):** A text input field with "8" entered.
- Video Recording Enabled:** A checkbox that is checked.
- Video Disk Quota (GB):** A text input field with "50" entered.
- Update:** A button at the bottom right.

Figure 27. Agent Parameters

4.3.8 Agent Log

The Agent Log provides detailed information about the activities and status of the agent in real-time. It records all the information about events. Agent Start and Agent Stop features are included at the bottom of the Agent Log sub-section to be used as needed.



The Agent Log interface shows a list of log entries and two buttons at the bottom right.

Agent Log

```

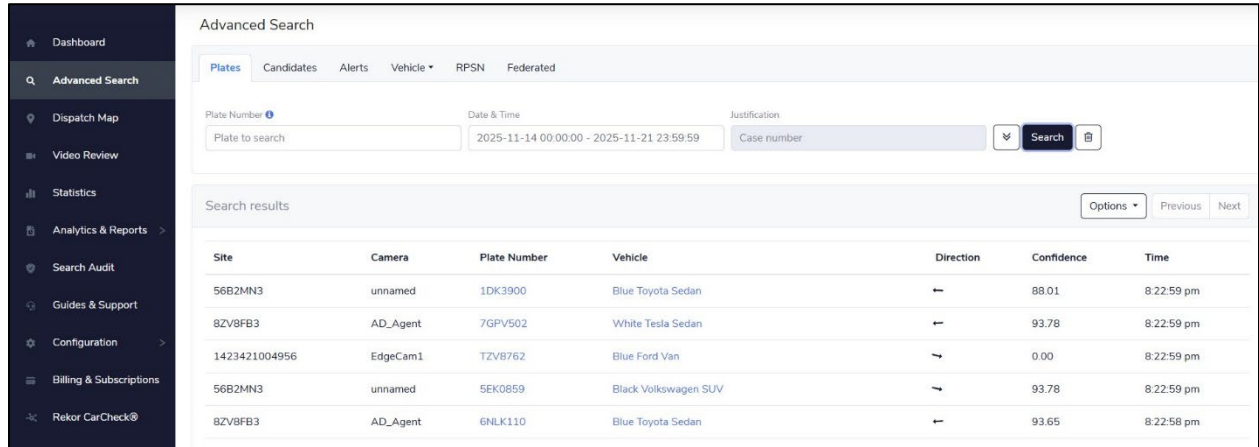
904: DEBUG - Writing heartbeat
2020-08-12 16:37:43 alprd 547083394608: DEBUG - camera          90: video fps:   30 motion:  23.3% rec. fps:    7 (100%)
2020-08-12 16:37:44 alprd 547083394608: DEBUG - camera          90: video fps:   30 motion:   40% rec. fps:   12 (100%)
2020-08-12 16:37:44 alprd 544427109936: DEBUG - Creating video: /var/lib/openalpr/videoclips/90.inprogress
2020-08-12 16:37:44 alprd 544427109936: DEBUG - Writing 62 video packets
2020-08-12 16:37:44 alprd 544427109936: DEBUG - Finished video: /var/lib/openalpr/videoclips/90.inprogress
2020-08-12 16:37:45 alprd 547083394608: DEBUG - camera          90: video fps:   30 motion:  42.2% rec. fps:   12.7 (100%)
2020-08-12 16:37:46 alprd 544427109936: DEBUG - Creating video: /var/lib/openalpr/videoclips/90.inprogress
2020-08-12 16:37:46 alprd 544427109936: DEBUG - Writing 62 video packets
2020-08-12 16:37:46 alprd 544427109936: DEBUG - Finished video: /var/lib/openalpr/videoclips/90.inprogress
2020-08-12 16:37:47 alprd 547083394608: DEBUG - camera          90: video fps:   30 motion:  11.1% rec. fps:    3.67 (100%)
2020-08-12 16:37:47 alprd 547084345904: DEBUG - Writing heartbeat
2020-08-12 16:37:48 alprd 544427109936: DEBUG - Creating video: /var/lib/openalpr/videoclips/90.inprogress
2020-08-12 16:37:48 alprd 544427109936: DEBUG - Writing 62 video packets
2020-08-12 16:37:48 alprd 544427109936: DEBUG - Finished video: /var/lib/openalpr/videoclips/90.inprogress
2020-08-12 16:37:48 alprd 547083394608: DEBUG - camera          90: video fps:   30 motion:  13.3% rec. fps:    4 (100%)
2020-08-12 16:37:49 alprd 547083394608: DEBUG - camera          90: video fps:   30 motion:  15.6% rec. fps:   4.67 (100%)
2020-08-12 16:37:50 alprd 547083394608: DEBUG - camera          90: video fps:   30 motion:  27.8% rec. fps:   8.33 (100%)
2020-08-12 16:37:52 alprd 547084345904: DEBUG - Writing heartbeat
2020-08-12 16:37:52 alprd 547083394608: DEBUG - camera          90: video fps:   30 motion:  81.1% rec. fps:  24.3 (100%)
  
```

At the bottom right, there are two buttons: "Stop Agent" and "Start Agent".

Figure 28. Agent Log

5 Advanced Search

The Advanced Search module provides a comprehensive search engine throughout the platform. Two panels are displayed on the main page of the menu separating the search parameters and results.



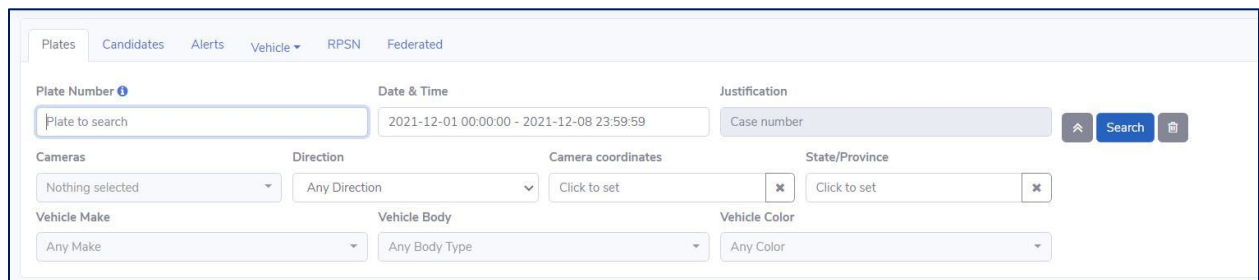
The screenshot shows the 'Advanced Search' interface. On the left is a sidebar with navigation links: Dashboard, Advanced Search (selected), Dispatch Map, Video Review, Statistics, Analytics & Reports, Search Audit, Guides & Support, Configuration, Billing & Subscriptions, and Rekor CarCheck®. The main panel is titled 'Advanced Search' and has tabs for Plates, Candidates, Alerts, Vehicle, RPSN, and Federated. The 'Plates' tab is active. Below the tabs are search parameters: 'Plate Number' (a text input with 'Plate to search'), 'Date & Time' (a date range picker showing '2025-11-14 00:00:00 - 2025-11-21 23:59:59'), and 'Justification' (a dropdown menu with 'Case number' selected). To the right of these inputs are 'Search' and 'Clear' buttons. Below the search parameters is a 'Search results' section with 'Options', 'Previous', and 'Next' buttons. A table displays the search results with the following columns: Site, Camera, Plate Number, Vehicle, Direction, Confidence, and Time.

Site	Camera	Plate Number	Vehicle	Direction	Confidence	Time
56B2MN3	unnamed	1DK3900	Blue Toyota Sedan	←	88.01	8:22:59 pm
8ZV8FB3	AD_Agent	7GPV502	White Tesla Sedan	←	93.78	8:22:59 pm
1423421004956	EdgeCam1	TZV8762	Blue Ford Van	↘	0.00	8:22:59 pm
56B2MN3	unnamed	5EK0859	Black Volkswagen SUV	↘	93.78	8:22:59 pm
8ZV8FB3	AD_Agent	6NLK110	Blue Toyota Sedan	←	93.65	8:22:58 pm

Figure 29. Advanced Search

5.1 Search Parameters

The initial step in defining the search parameters is category selection and provided options include Plate, Plate Candidate, and Alerts. Additional search parameters are updated and displayed based on the selected option and reviewed below.



The screenshot shows the 'Plates Search' interface. It has the same sidebar as Figure 29. The main panel has tabs for Plates, Candidates, Alerts, Vehicle, RPSN, and Federated. The 'Plates' tab is active. Below the tabs are search parameters: 'Plate Number' (a text input with 'Plate to search'), 'Date & Time' (a date range picker showing '2021-12-01 00:00:00 - 2021-12-08 23:59:59'), and 'Justification' (a dropdown menu with 'Case number' selected). To the right of these inputs are 'Search' and 'Clear' buttons. Below these are several other search parameters: 'Cameras' (a dropdown menu with 'Nothing selected'), 'Direction' (a dropdown menu with 'Any Direction'), 'Camera coordinates' (a text input with 'Click to set' and a clear button), 'State/Province' (a text input with 'Click to set' and a clear button), 'Vehicle Make' (a dropdown menu with 'Any Make'), 'Vehicle Body' (a dropdown menu with 'Any Body Type'), and 'Vehicle Color' (a dropdown menu with 'Any Color').

Figure 30. Plates Search

5.1.1 Plate Candidates

The Plate Candidates option requires similar but fewer search parameters adjustment including Time Period, Site, and Plate Number.

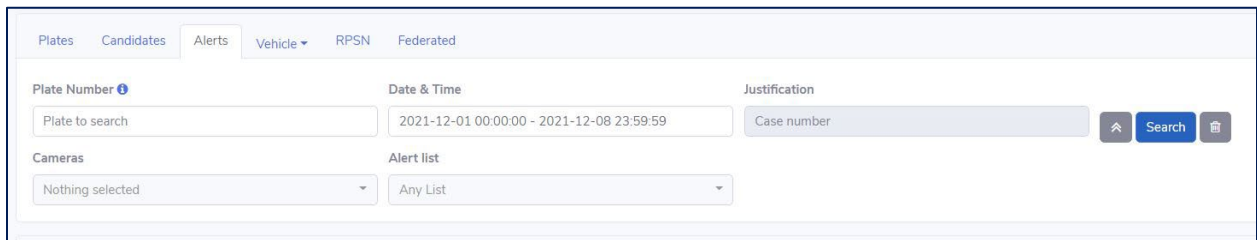


The screenshot shows the 'Candidates' tab selected in the top navigation bar. Below the tabs, there are three main search fields: 'Plate Number' with a placeholder 'Plate to search', 'Date & Time' with a range '2021-12-01 00:00:00 - 2021-12-08 23:59:59', and 'Justification' with a placeholder 'Case number'. To the right of these fields are three buttons: a magnifying glass icon, a 'Search' button, and a trash icon. Below the search fields, there is a 'Cameras' section with a dropdown menu showing 'Nothing selected'.

Figure 31. Candidates Search

5.1.2 Alerts

Searching by the Alerts option allows users to search for plates that correspond with an Alert List. Search parameters for selection in this option are Alert List, Time Period, Site, and Plate Number.



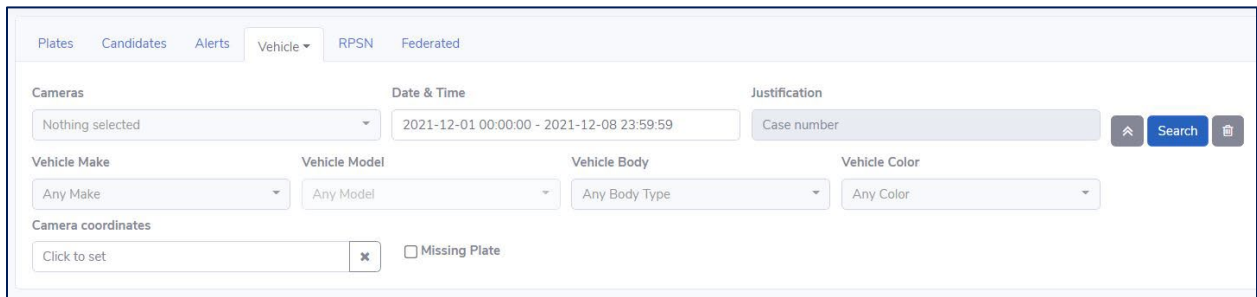
The screenshot shows the 'Alerts' tab selected in the top navigation bar. Below the tabs, there are three main search fields: 'Plate Number' with a placeholder 'Plate to search', 'Date & Time' with a range '2021-12-01 00:00:00 - 2021-12-08 23:59:59', and 'Justification' with a placeholder 'Case number'. To the right of these fields are three buttons: a magnifying glass icon, a 'Search' button, and a trash icon. Below the search fields, there are two sections: 'Cameras' with a dropdown menu showing 'Nothing selected', and 'Alert list' with a dropdown menu showing 'Any List'.

Figure 32. Alerts Search

5.1.3 Vehicle Type Search

To search by Vehicle Type:

1. Select a camera.
2. Select the date and time of the violation.
3. Enter the vehicle make, model, body type, and color, if known.
4. Select the camera coordinates.
5. If the plate is missing, select the Missing Plate radio button.
6. Click Search.



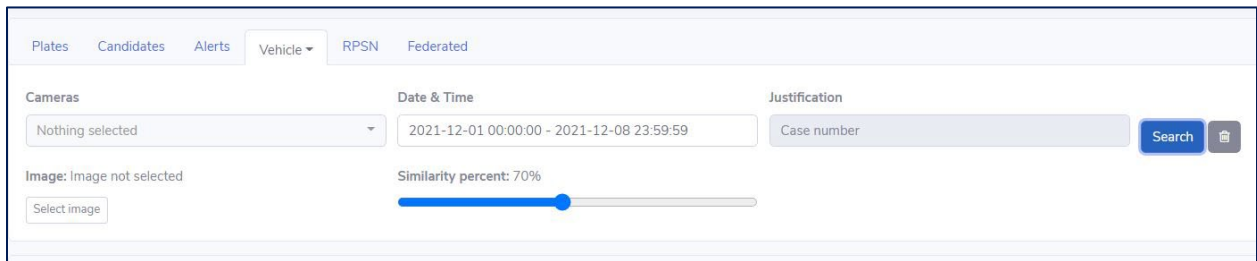
The screenshot shows the 'Vehicle' search tab in the Rekor Scout interface. It includes a top navigation bar with 'Plates', 'Candidates', 'Alerts', 'Vehicle' (selected), 'RPSN', and 'Federated'. Below this, there are three main sections: 'Cameras' with a dropdown menu showing 'Nothing selected'; 'Date & Time' with a date range from '2021-12-01 00:00:00' to '2021-12-08 23:59:59'; and 'Justification' with a 'Case number' input field. Below these are four dropdown menus for 'Vehicle Make' (Any Make), 'Vehicle Model' (Any Model), 'Vehicle Body' (Any Body Type), and 'Vehicle Color' (Any Color). At the bottom, there is a 'Camera coordinates' section with a 'Click to set' button and a 'Missing Plate' checkbox.

Figure 33. Vehicle Type Search

5.1.4 Vehicle Image Search

To search by Vehicle Image:

1. Select a camera.
2. Select the date and time of the violation.
3. Select an image of the vehicle.
4. Slide the Similarity Percent scale to adjust the percentage of similarity to the image.
5. Click Search.



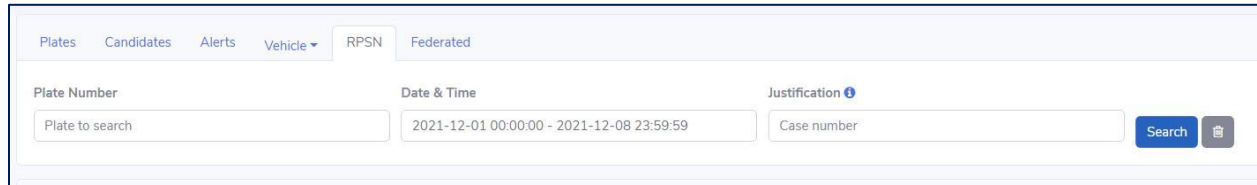
The screenshot shows the 'Vehicle' search tab in the Rekor Scout interface, specifically the 'Image' search section. It includes the same top navigation bar as Figure 33. Below this, there are three main sections: 'Cameras' with a dropdown menu showing 'Nothing selected'; 'Date & Time' with a date range from '2021-12-01 00:00:00' to '2021-12-08 23:59:59'; and 'Justification' with a 'Case number' input field. Below these are two sections: 'Image' with a 'Select image' button and 'Similarity percent' with a slider set to 70%.

Figure 34. Vehicle Image Search

5.1.5 Rekor Public Safety Network (RPSN) Search

To search the Rekor Public Safety Network:

1. Enter the plate number.
2. Select the date and time of the violation.
3. Enter the case number in the Justification field.
4. Click Search.



The screenshot shows the RPSN Search interface. At the top, there are tabs: Plates, Candidates, Alerts, Vehicle, RPSN (selected), and Federated. Below the tabs, there are three input fields: Plate Number (with placeholder 'Plate to search'), Date & Time (with value '2021-12-01 00:00:00 - 2021-12-08 23:59:59'), and Justification (with placeholder 'Case number'). To the right of these fields are two buttons: 'Search' and a trash icon.

Figure 35. RPSN Search

5.1.6 Federated Search

To search the Federated data:

1. Enter the plate number.
2. Select the date and time of the violation.
3. Enter the case number in the Justification field.
4. Select the Shared Instance.
5. Click Search.



The screenshot shows the Federated Search interface. At the top, there are tabs: Plates, Candidates, Alerts, Vehicle, RPSN, and Federated (selected). Below the tabs, there are three input fields: Plate Number (with placeholder 'Plate to search'), Date & Time (with value '2021-12-01 00:00:00 - 2021-12-08 23:59:59'), and Justification (with placeholder 'Case number'). To the right of these fields are two buttons: 'Search' and a trash icon. Below these fields, there is a 'Shared instance' dropdown menu with the value 'Not Selected'.

Figure 36. Federated Search

5.2 Search Results

The search findings are displayed in a list format under the Results panel and based on defined search criteria.

! Note: Hovering over plate numbers and vehicles will show the image thumbnail.

Results Options ← Previous Next →						
Site	Camera	Plate Number	Vehicle	Direction	Confidence	Time
NW 38 AVE and NW 19 ST - EB	Eastbound	JMV71	White SUV	↗	94.41	12:56:27 pm
NW 31 AVE and W Sunrise BLVD - SB & EB	Eastbound	NATL59	Silver-gray Honda Sedan	↗	91.97	12:56:27 pm
NW 31 AVE and W Sunrise BLVD - SB & EB	Eastbound	0211CJ	White Tractor/Trailer	↗	92.70	12:56:27 pm
NW 88 AVE and Commercial	Eastbound	ZH588	Silver-gray Nissan SUV	↗	90.69	12:56:27 pm
NW 38 AVE and NW 19 ST - EB	Eastbound	4HAUL	White Tractor/Trailer	↗	84.67	12:56:27 pm
NW 38 AVE and NW 19 ST - SB	Southbound	ISRT48	White Van	↘	93.11	12:56:26 pm
NW 31 AVE and W Sunrise BLVD - SB & EB	Eastbound	WBN012	Red Nissan SUV	↗	92.61	12:56:26 pm
Rock Island RD and NW 44 ST - EB	Eastbound	JUJL60	Silver-gray Honda Sedan	↗	93.61	12:56:25 pm
NW 64 AVE and W Commercial BLVD - NB&SB	Southbound	LKGS83	Silver-gray Infiniti SUV	↘	93.37	12:56:25 pm
NW 55 AVE and NW 11 ST	Northbound	HRAU86	Black Toyota Minivan	↖	94.01	12:56:25 pm
NW 47 AVE and NW 24 CT	Westbound	JHODH	Black Nissan Sedan	↖	92.75	12:56:25 pm
N University Dr and Commercial BLVD - NB (Checkers)	Northbound	DFADE	White Land-rover SUV	↖	94.42	12:56:24 pm
NW 38 WAY and NW 1 CT	North/Eastbound	ERSC79	Black Lexus Sedan	↖	94.04	12:56:24 pm
NW 40 AVE (US-441 - SR-7) and NW 21 ST	Westbound	302MGD	Black Ford SUV	↖	93.07	12:56:23 pm
NW 38 WAY and NW 1 CT	Southbound	TCOX	Black Chevrolet Sedan	↘	91.50	12:56:23 pm

 ← Previous Next →

Figure 37. Search Results

6 Dispatch Map

The Dispatch Map page displays both historical and real-time vehicle captures on a graphical map based on camera sites.

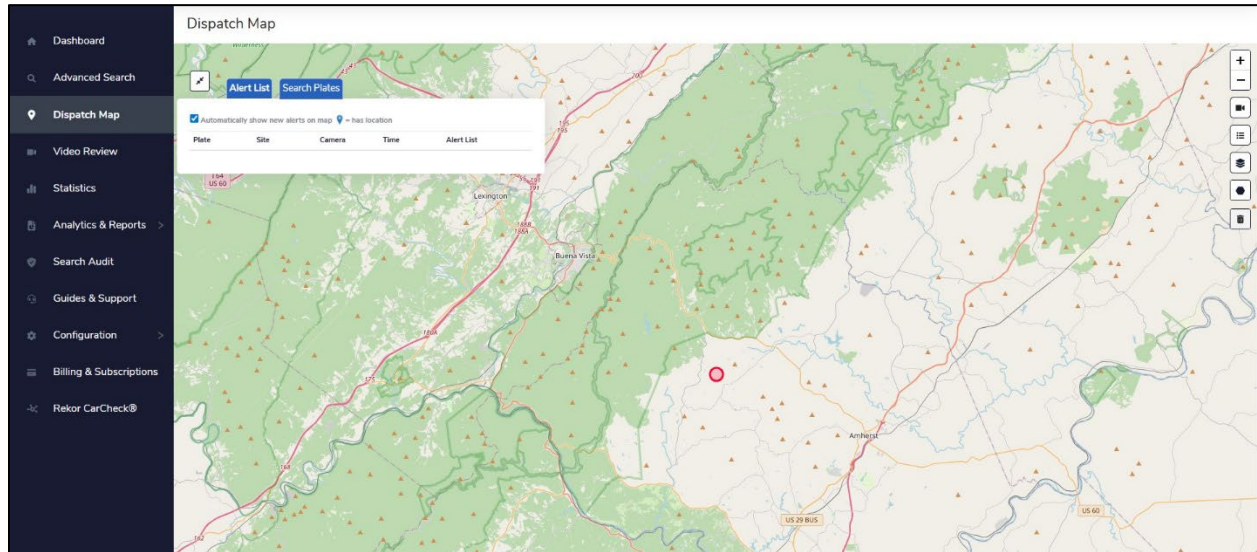


Figure 38. Dispatch Map

Real-time alert list and specific plate search engine feature with the map-view presentation are included under the Alert List and Search Plates tabs, respectively.

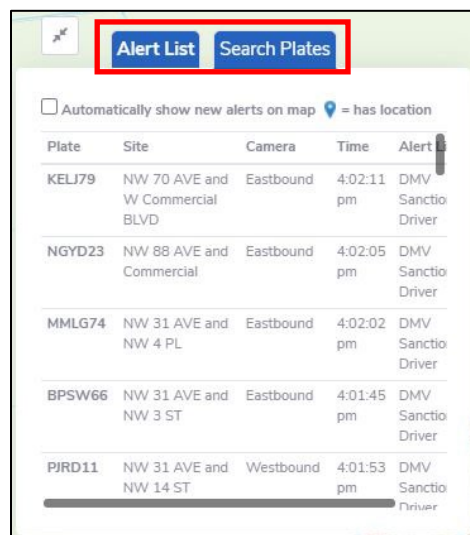
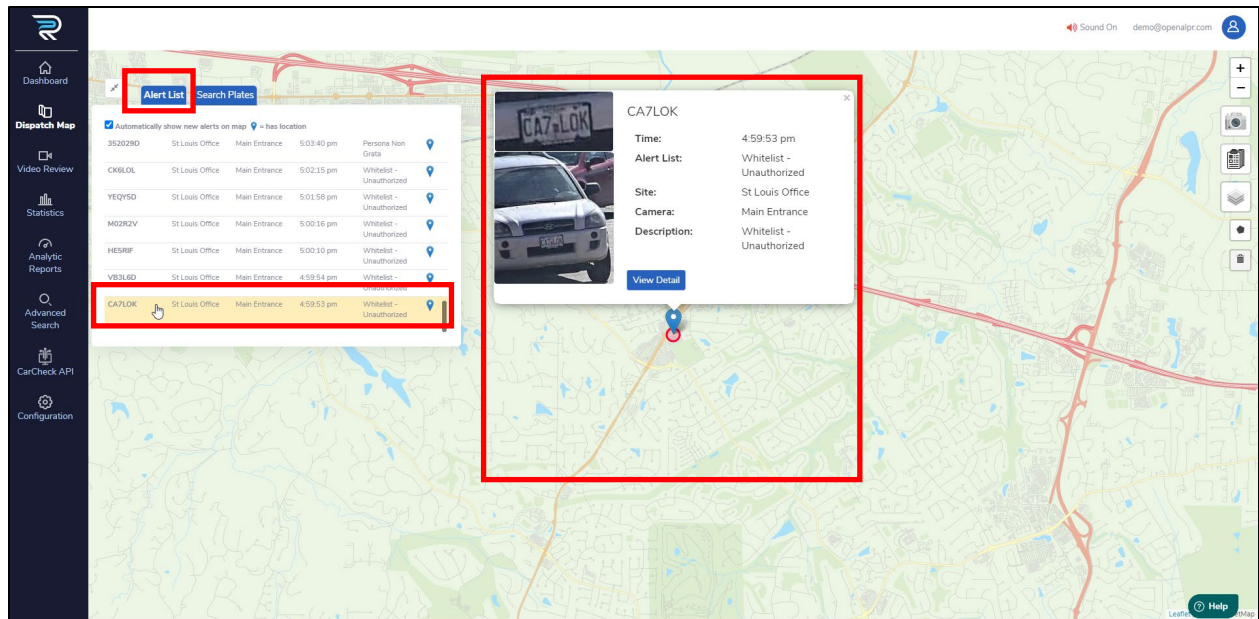


Figure 39. Alert List and Search Plates Functions

6.1 Alert List

This tab provides a list of the last 40 plates read alerts including associated site/location, camera information, time, and the list to which the alert belongs to. Clicking on an alert will bring up the location of capture on the map view and show all the associated information on another window along with vehicle image and cropped view of the tag.



The screenshot displays the Rekor Scout interface. On the left is a sidebar with navigation options: Dashboard, Dispatch Map, Video Review, Statistics, Analytic Reports, Advanced Search, CarCheck API, and Configuration. The main area is divided into two sections. The top section, titled 'Alert List', contains a table of alerts. The bottom section shows a map with a location pin. A red box highlights the 'Alert List' tab and the selected alert row. A second red box highlights the 'Selected Alert View' pop-up window.

Plate	Site	Camera	Time	Description
352028D	St Louis Office	Main Entrance	5:03:40 pm	Persona Non Grata
OK6L0L	St Louis Office	Main Entrance	5:02:15 pm	Whitelist - Unauthorized
YEQ950	St Louis Office	Main Entrance	5:01:58 pm	Whitelist - Unauthorized
M02R2V	St Louis Office	Main Entrance	5:00:16 pm	Whitelist - Unauthorized
HESRPF	St Louis Office	Main Entrance	5:00:10 pm	Whitelist - Unauthorized
V83L8D	St Louis Office	Main Entrance	4:59:54 pm	Whitelist - Unauthorized
CA7L0K	St Louis Office	Main Entrance	4:59:53 pm	Whitelist - Unauthorized

Selected Alert View Details:

- Time: 4:59:53 pm
- Alert List: Whitelist - Unauthorized
- Site: St Louis Office
- Camera: Main Entrance
- Description: Whitelist - Unauthorized

Figure 40. Selected Alert View

6.1.1 A/V Alert Notification

Under default setting, Alert List is updated with each new alert and a notification ribbon at the bottom of the viewing screen will show up providing brief alert information shortly. Additionally, the user can be notified on new alerts by audio and visual features under the Dispatch Map menu:

- Once the “Automatically show new alerts on map” feature is activated, the map-view on the Dispatch Map screen is refreshed with the provided or actual location of the latest captured plate on the alert list.

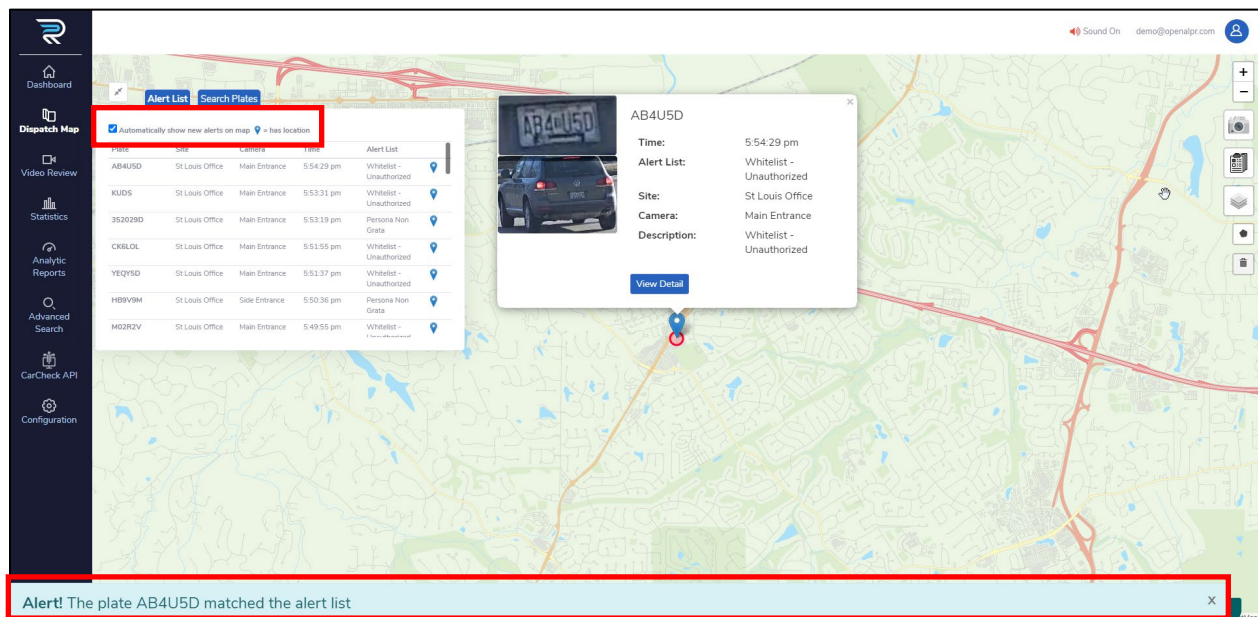


Figure 41. New Alerts Mapping

- Located on the top right-hand side of the Dispatch Map window, there is a sound option (Sounds On/Off & speaker icon) next to the user icon. This feature can be toggled On to play a beep sound and notify the user when a new alert is received or left “Off” if it is not needed.



Figure 42. Alert sound settings (On/Off)

6.2 Search Plates

Any specific plate can be looked up under the Search Plates tab and using a time increment and brief justification description. Once filled in the required field, they will instantly notice how many times that license plate has been read at a location.

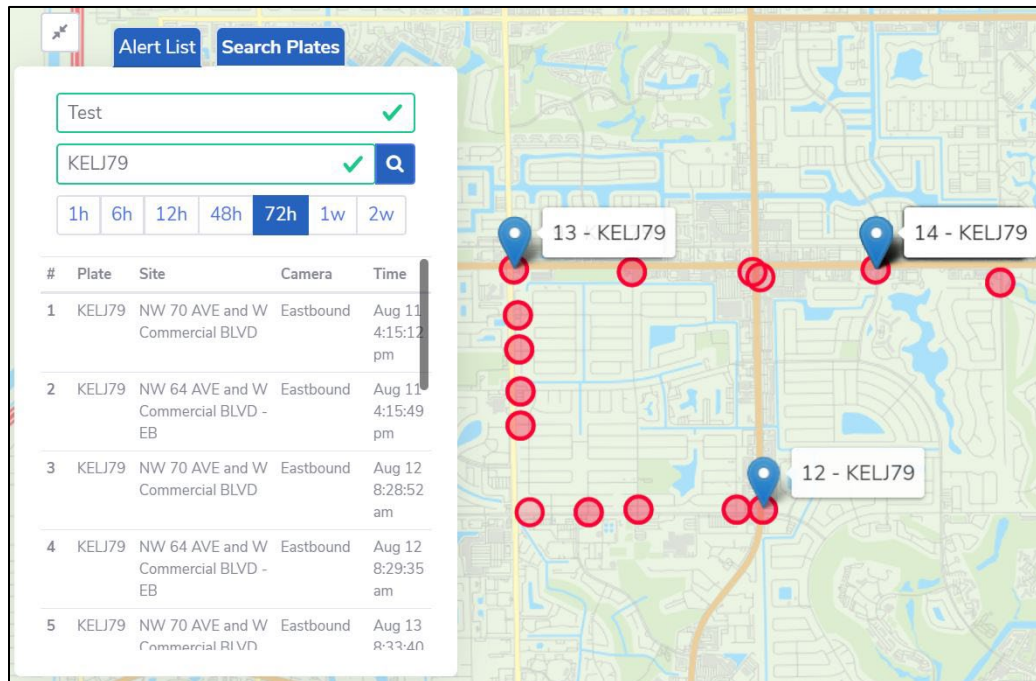


Figure 43. Search Criteria

6.3 Map Menu

There are interactive viewing options on the right-hand side of the map that allow users to to:

- Zoom in or out (+ and – buttons)
- Select/filter location(s) to be viewed (camera button)
- Select/filter alert list(s) to be viewed (clipboard/list button)
- Select camera(s) to be viewed (layer button)

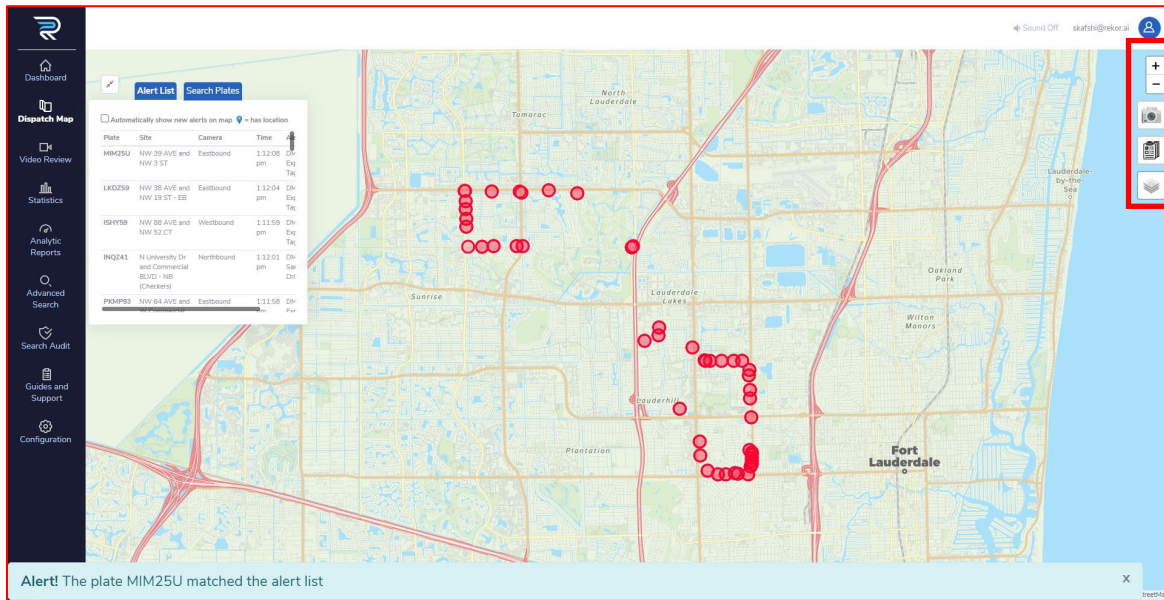


Figure 44. Map Menu for Selective Views

Sample view of these options when interacted with them.

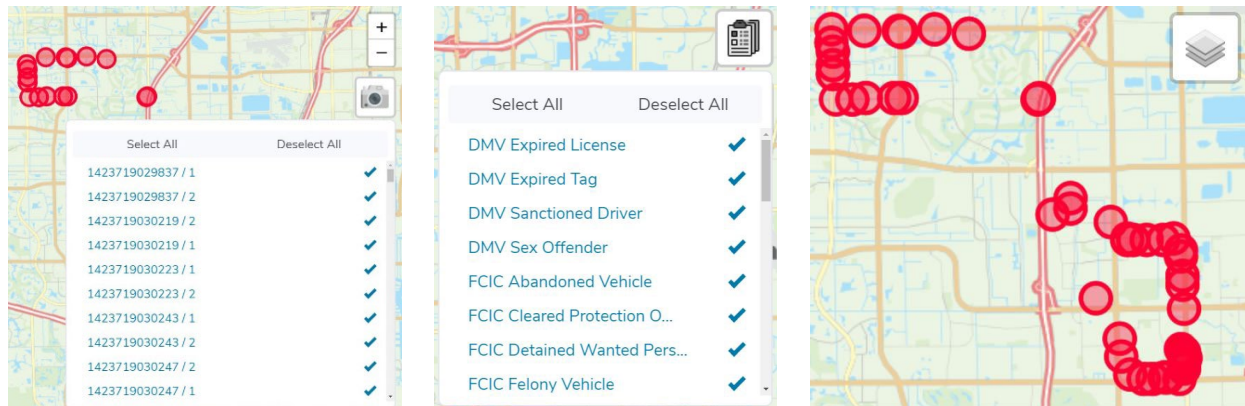


Figure 45. Left: Camera Middle: Alerts Right: Layers

7 Video Review

The Video Review module shows all the videos that have been captured on a selected day and camera, and the user can also filter the results based on the desired Video Filter selection: All Videos or Videos with Plates.

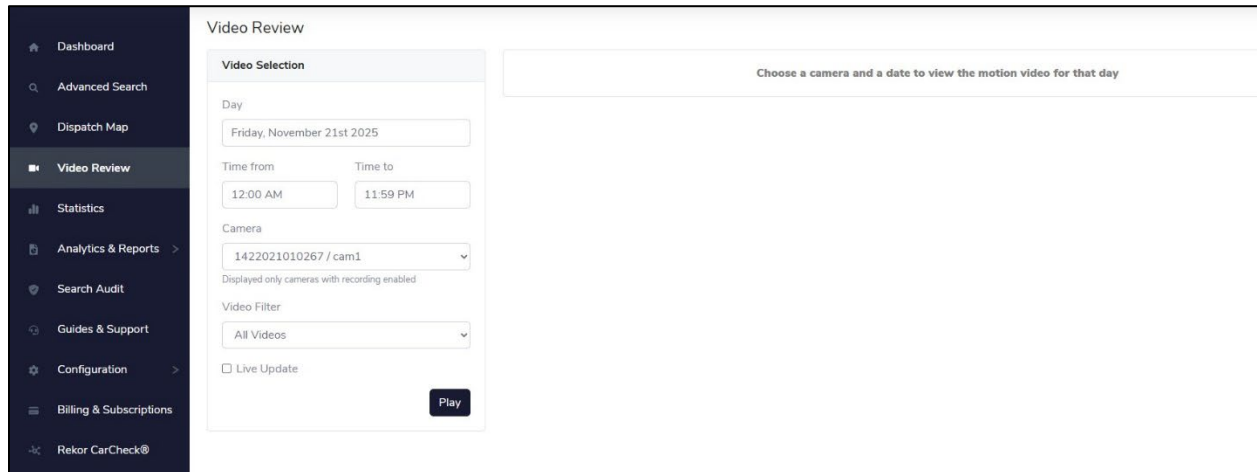


Figure 46. Video Review

7.1 Video Selection

The information box on the top left corner of the player shows how many plates have been sighted in each moment. On the bottom, there is a duration bar that represents the hours of the selected day. Users can lower the time resolution down to minute increments of a selected time period using the + / – buttons on the right side of the duration bar.

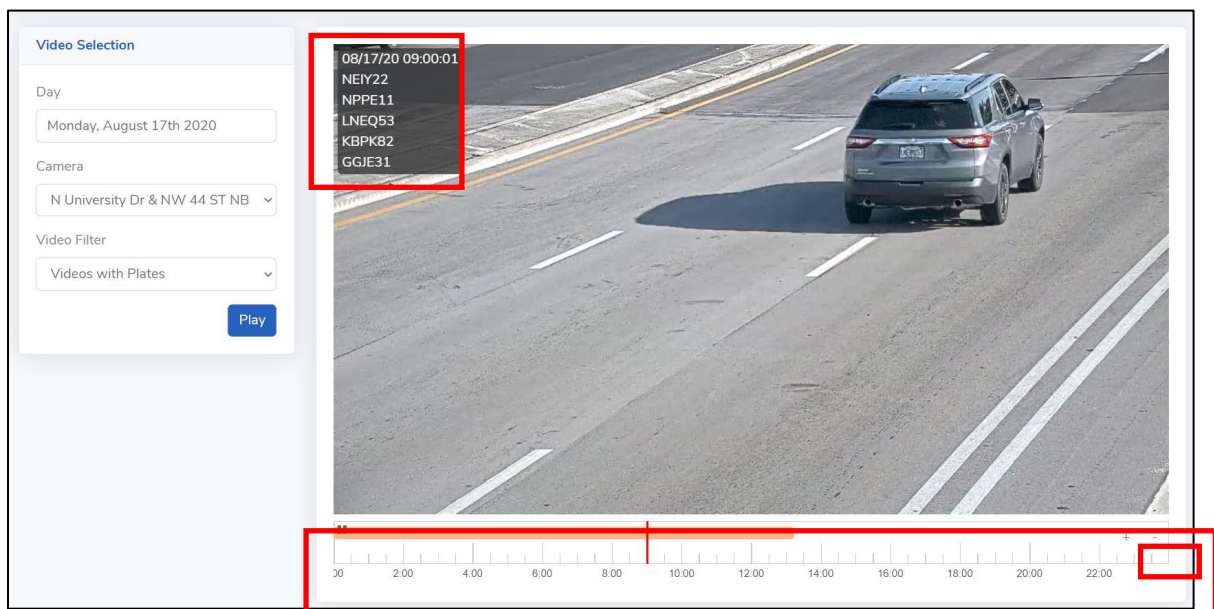


Figure 47. Video Selection

8 Statistics

The Statistics module provides a graphical view of results for a chosen time duration and at a specified location (either all sites or a selected individual site). The results are represented by four graphs.

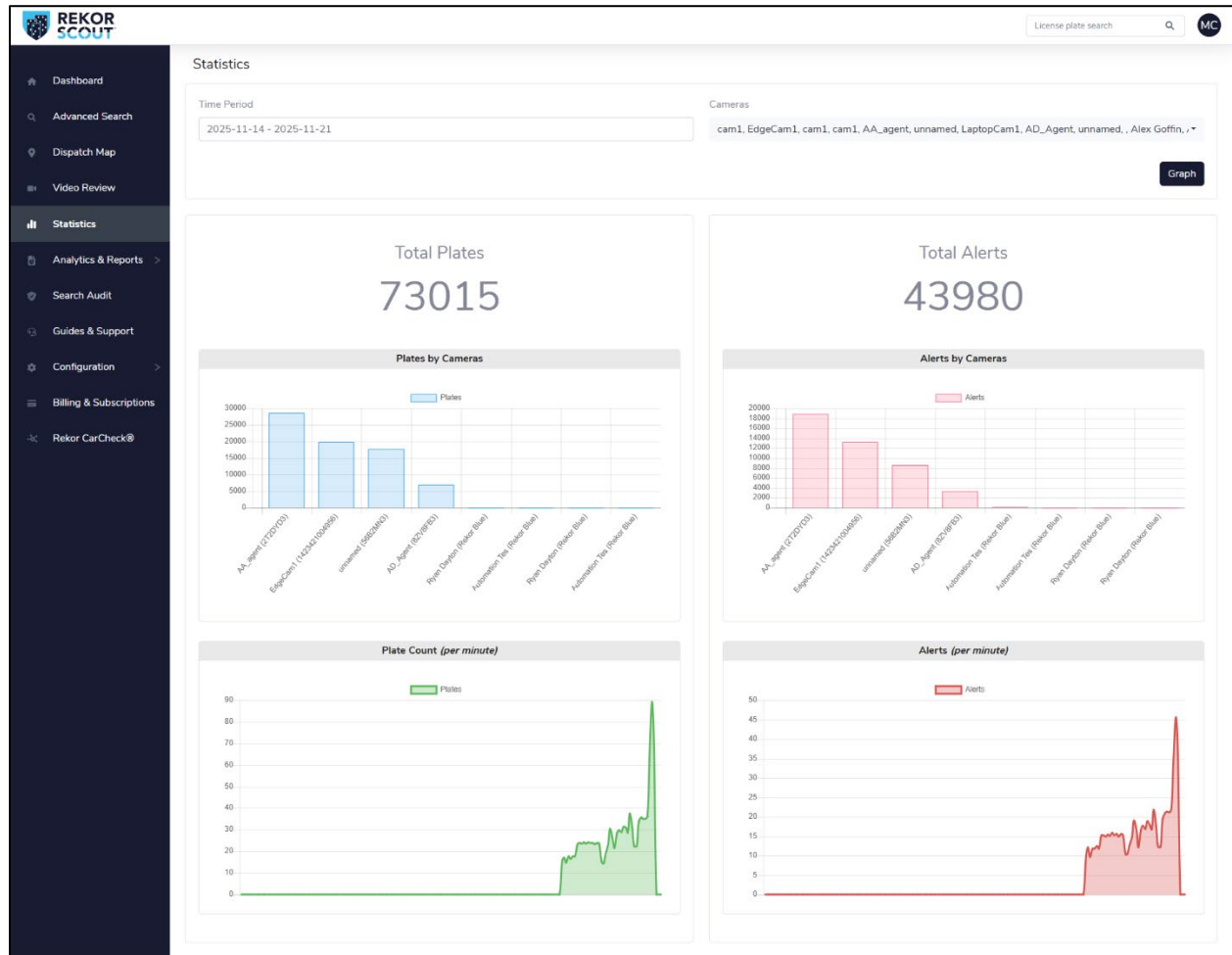


Figure 48. Statistics

Graphed results include:

- Total Plates by Camera
- Total Alerts by Camera
- Plate Count (per minute)
- Alerts (per minute)

9 Analytics and Reports

The Analytics and Reports module is the reports center of all systems and agents included in the platform. Clicking on Analytic Reports provides a quick menu option that allows the user to choose between creating a new report (Create module) or reviewing the available reports (Reports module). Report creation is initiated by analysis type selection from a drop-down menu under the Choose Analysis panel of the Create module and followed by adjusting the configuration parameters. Each analysis is reviewed in more detail below. Created reports are automatically stored under the Reports section of this module for further and/or later review.

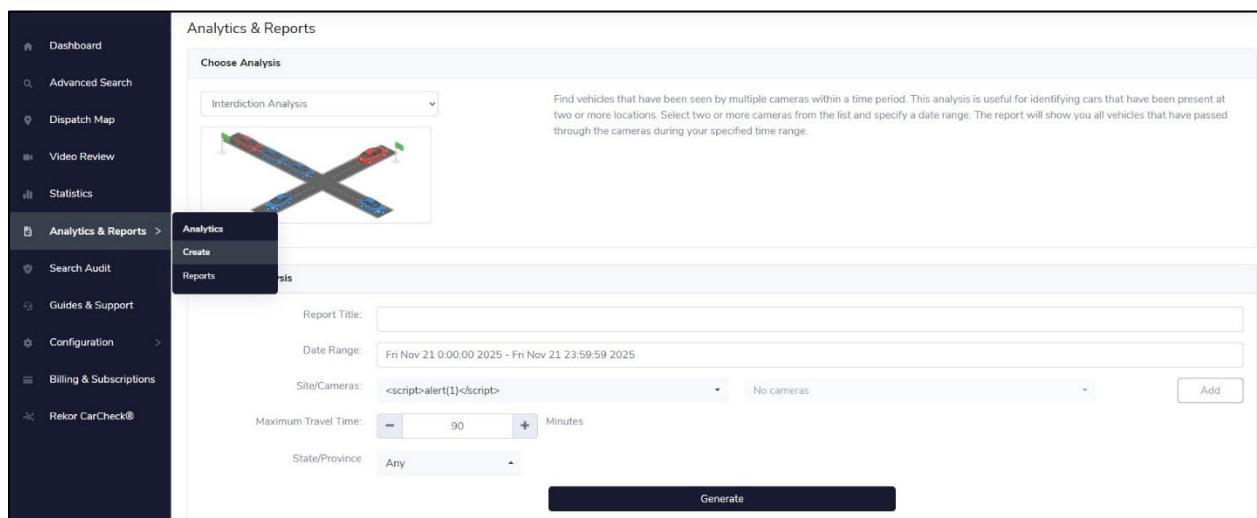


Figure 49. Analytic Reports

9.1 Create Reports

By clicking on Create, users are given options to choose any of the given Analyses.

! Note: The configuration fields change depending on what Analysis type is selected.

9.1.1 Interdiction Analysis

Find vehicles that have been seen by multiple cameras within a specified duration. This analysis is useful for identifying cars that have been present at two or more locations. The report will show the user all the vehicles that have passed through the cameras during the specified time range.

1. Provide a unique title and select the desired date range.
2. Select site/camera combinations from drop-down menus and add those selections to the report configuration (two or more).
3. Set the maximum travel time and choose the state or province.
4. Click Generate.

Choose Analysis

Interdiction Analysis



Find vehicles that have been seen by multiple cameras within a time period. This analysis is useful for identifying cars that have been present at two or more locations. Select two or more cameras from the list and specify a date range. The report will show you all vehicles that have passed through the cameras during your specified time range.

Configure Analysis

Report Title:

Date Range:

Site/Cameras:

Maximum Travel Time: Minutes

State/Province:

Figure 50. Interdiction Analysis Configuration

9.1.2 Convoy Analysis

Find vehicles that frequently travel together. This analysis is useful for identifying accomplices or other suspicious behavior based on a known license plate. The Convoy Analysis finds the most common vehicles that were seen before or after the target plate within the period you specify.

To configure the analysis:

1. Provide a unique title and select the desired date range.
2. Add the known license plates number.
3. Select all the cameras (to be involved in the report).
4. Define the time range (to be used to search before and after the captured target plate).
5. Click Generate.

Choose Analysis

Convoy Analysis



Find vehicles that frequently travel together. This analysis is useful for identifying accomplices or other suspicious behavior based on a known license plate. Select a plate number and a time range. The Convoy Analysis finds the most common vehicles that were seen before or after the target plate number within the period you specify.

Configure Analysis

Report Title:

Date Range:

Fri Nov 21 0:00:00 2025 - Fri Nov 21 23:59:59 2025

Plate Number:

Cameras:

287 items selected

Convoy Period:

-

20

+

Minutes between occurrences

Generate

Figure 51. Convoy Analysis Configuration

9.1.3 Common Vehicle Analysis

Find the most common vehicle for a camera or set of cameras. This analysis looks for plates on the specified sites that are seen most frequently.

To configure the analysis:

1. Provide a unique report.
2. Click on Create date range.
3. Select the date range and desired camera on the new window.
4. Click on the Create button.
5. Click Generate.

Choose Analysis

Common Vehicle Analysis



Find the most common vehicles for a particular camera or set of cameras. This analysis looks for plates on the specified sites that are seen most frequently.

Configure Analysis

Report Title:

#	Start date	End date	Cameras
Create date range			

Generate

Figure 52. Common Vehicle Analysis Configuration

9.1.4 Bulk Search Analysis

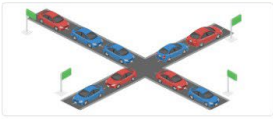
Find any plate that matches a large list of vehicles. Enter a date range and a list of license plates, the analysis report will contain any matches for any plates on your list.

To configure the analysis:

1. Provide a unique report title.
2. Enter a list of desired license plates (separated by comma, space, or line).
3. Select the date range, and the maximum number of rows in the report.
4. Click Generate.

Bulk Search Analysis

Find any plate that matches a large list of vehicles. Enter a date range and a list of license plates, the analysis report will contain any matches for any plates on your list.



Configure Analysis

Report Title:

Plate Numbers:

Enter a list of plate numbers separated by commas, spaces, or lines.

Date Range:

Fri Nov 21 0:00:00 2025 - Fri Nov 21 23:59:59 2025

Maximum Rows:

1,000

Number of rows in report

Generate

Figure 53. Bulk Search Analysis Configuration

9.1.5 Vehicle Speed Analysis

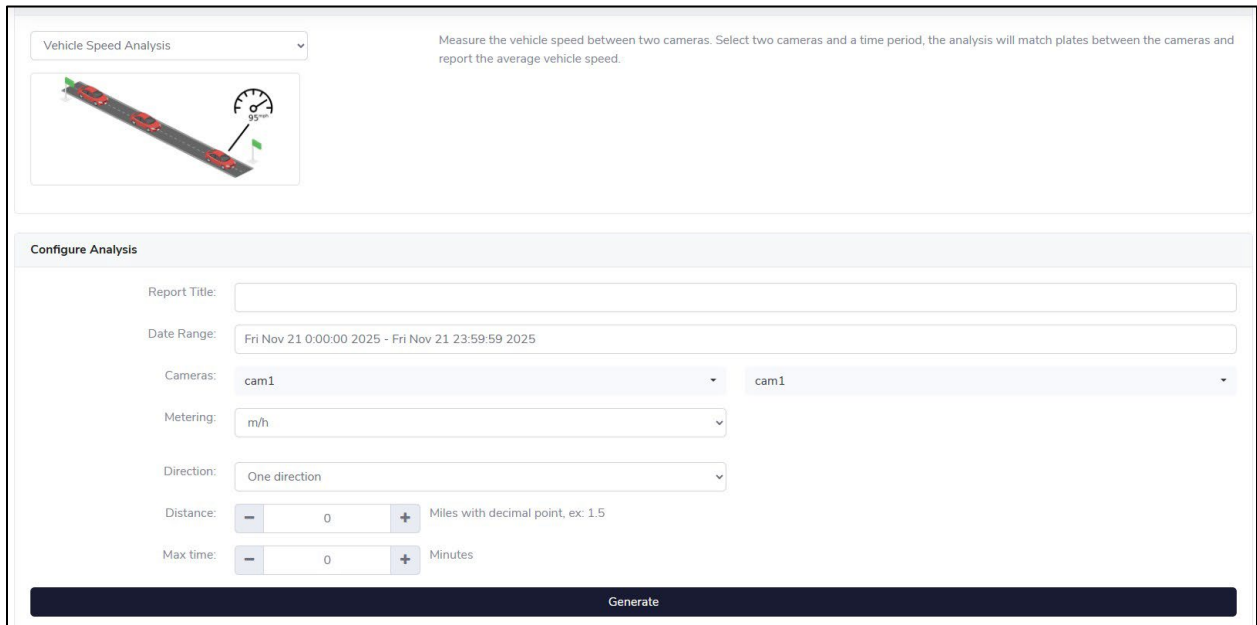
Measure the vehicle speed between two cameras. Select two cameras and a time period, and the analysis will match plates between the cameras and report the average vehicle speed.

To configure the analysis:

1. Provide a unique report title.
2. Select the desired date range and pick the two cameras of interest.
3. Select appropriate measurement unit (metering) with respect to country of operation.
4. Define the direction between the two cameras and enter the distance between.
5. Enter the Max Time in minutes to match the captured plates and be used for speeding violation determination.

! Note: Max Time value refers to the maximum time to flag the captured license plate number for violation. This is a set value and is the minimum time needed to travel the distance between the selected cameras at the posted speed limit or slower traveling speed).

6. Click Generate.



Vehicle Speed Analysis

Measure the vehicle speed between two cameras. Select two cameras and a time period, the analysis will match plates between the cameras and report the average vehicle speed.

Configure Analysis

Report Title:

Date Range:

Cameras:

Metering:

Direction:

Distance: Miles with decimal point, ex: 1.5

Max time: Minutes

Generate

Figure 54. Vehicle Speed Analysis Configuration

9.2 Reports

Previously created reports are available under this module of the Analytic Reports menu. All reports are displayed on the main page and sorted down based on creation time.

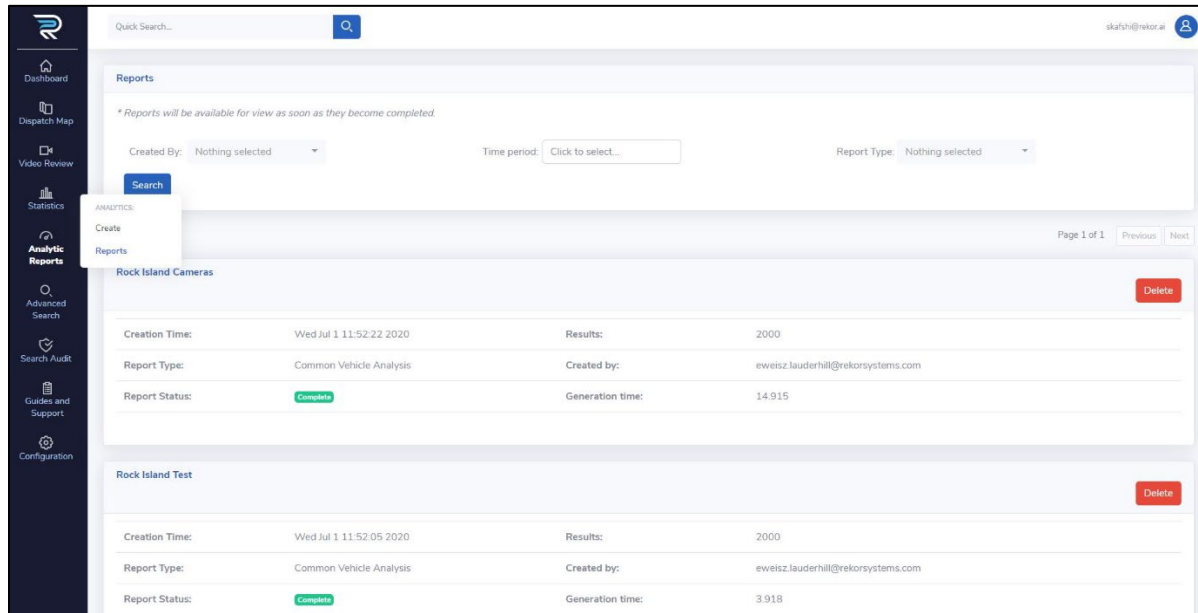


Figure 55. Historic Reports

Using the search panel on the Reports module (top of the page), previously created reports can be searched or filtered based on the generating user, creating time period and report type. Reports falling within the search criteria will be displayed.

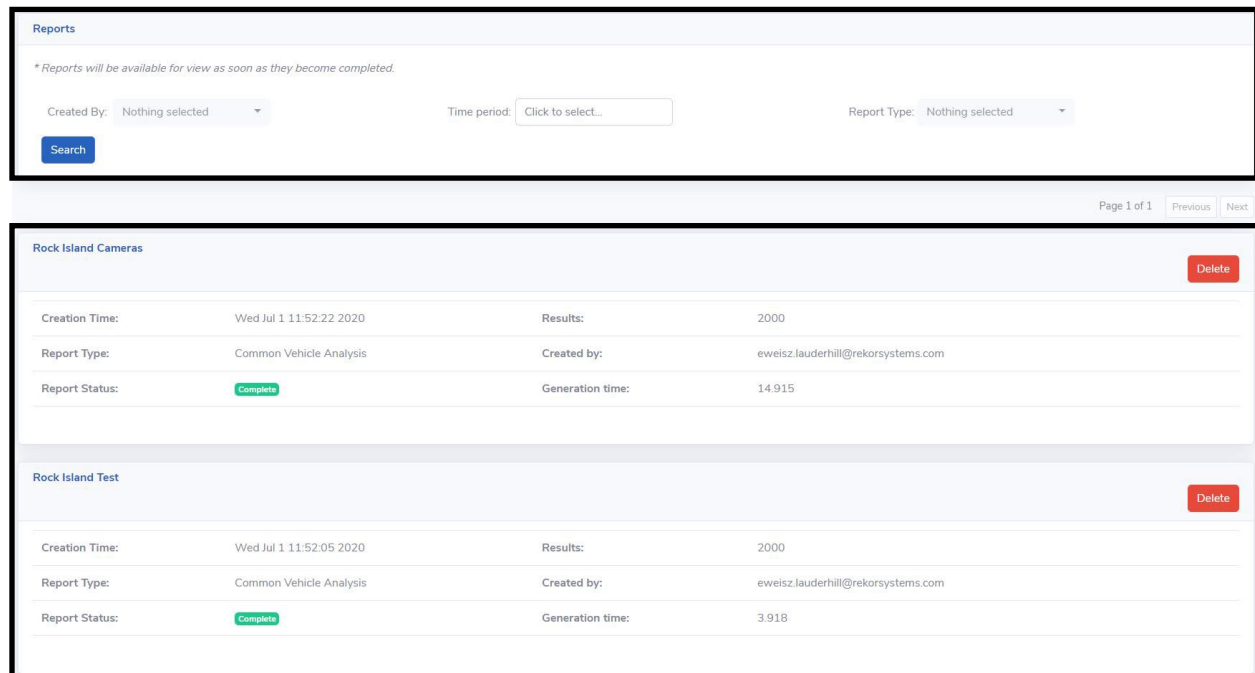


Figure 56. Reports Search and Results

10 Search Audit

Search Audit allows administrators to be able to monitor and audit the previous searches made by other users. The menu includes two panels: Search and Results.

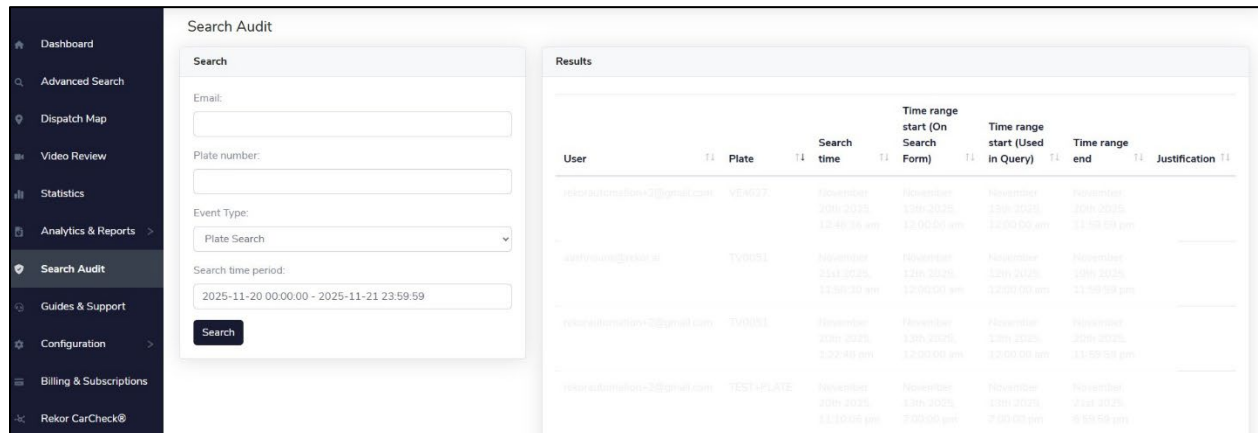
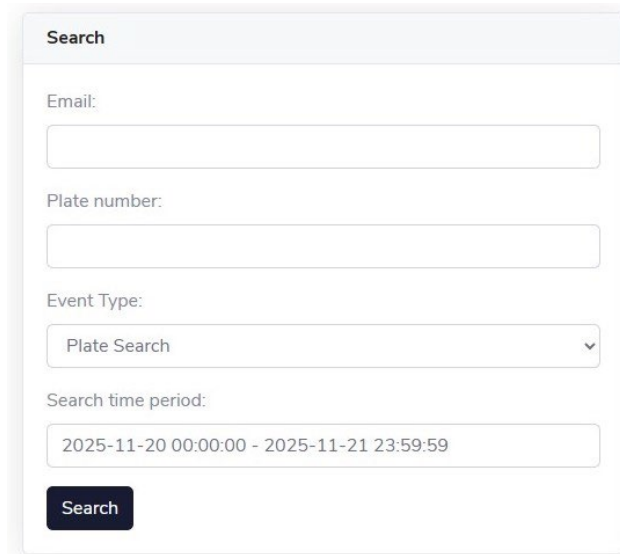


Figure 57. Search Audit

Search panel – Allows administrators to narrow the audit based on Email, Plate Numbers, Event Type, and Search Time.



The screenshot shows the Search panel of the Search Audit interface. It contains the following fields:

- Email:
- Plate number:
- Event Type:
- Search time period:
-

Figure 58. Search Audit Search

Results panel – Displays the outcome information including User, Plate, Search Time, Time Range Start / End, and Justification.

Results								
User	Plate	Search time	Time range start (On Search Form)	Time range start (Used in Query)	Time range end	Justification		
rekoraautomation+2@gmail.com	VE4627	November 20th 2025, 12:48:36 am	November 13th 2025, 12:00:00 am	November 13th 2025, 12:00:00 am	November 20th 2025, 11:59:59 pm			
aashroune@rekor.ai	TV0051	November 21st 2025, 11:58:30 am	November 12th 2025, 12:00:00 am	November 12th 2025, 12:00:00 am	November 19th 2025, 11:59:59 pm			
rekoraautomation+2@gmail.com	TV0051	November 20th 2025, 1:22:48 pm	November 13th 2025, 12:00:00 am	November 13th 2025, 12:00:00 am	November 20th 2025, 11:59:59 pm			
rekoraautomation+2@gmail.com	TEST+PLATE	November 20th 2025, 11:10:06 pm	November 13th 2025, 7:00:00 pm	November 13th 2025, 7:00:00 pm	November 21st 2025, 6:59:59 pm			

Figure 59. Search Audit Results

11 Account Settings

The user's initials icon will be shown on the top right corner of the dashboard. Account settings can be accessed by clicking on the icon.

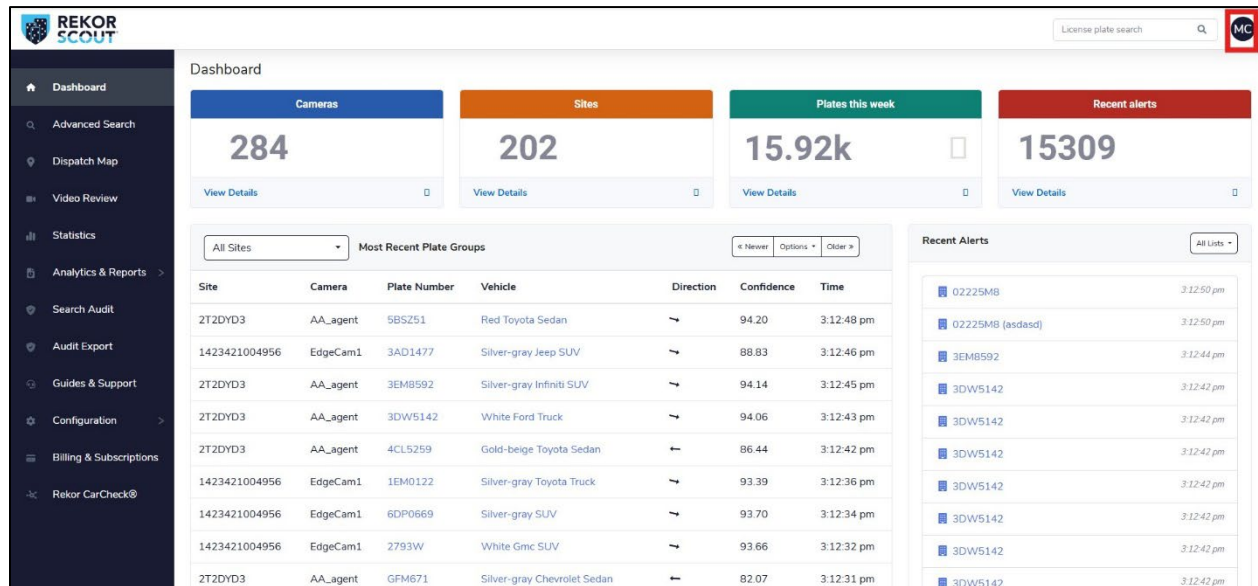
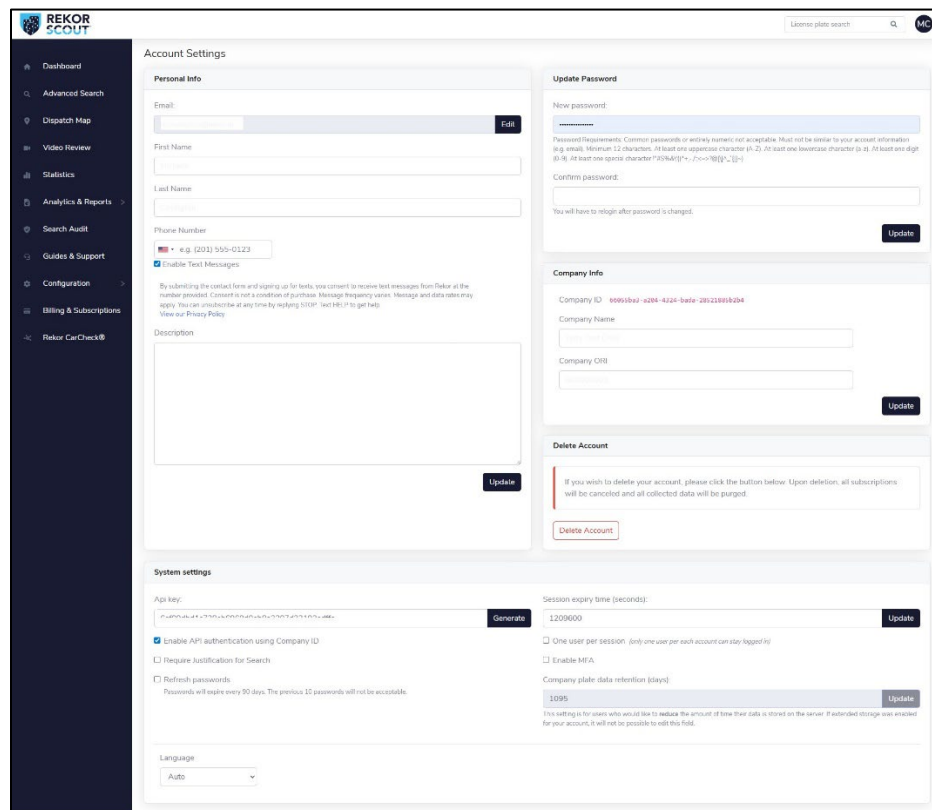


Figure 60. Account Settings Location

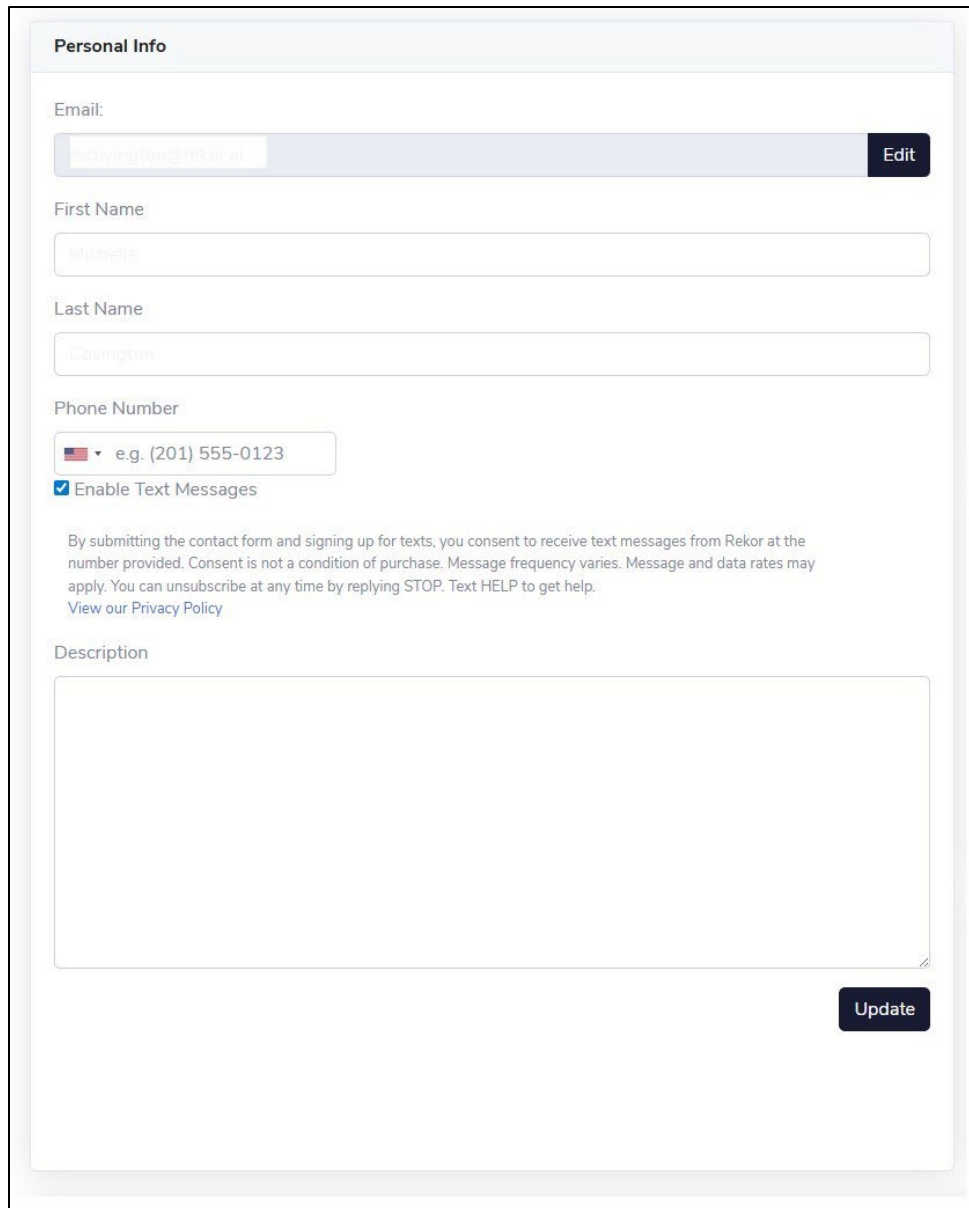


The screenshot shows the 'Account Settings' screen. It is divided into three main sections: 'Personal Info', 'Update Password', and 'Company Info'. The 'Personal Info' section includes fields for Email, First Name, Last Name, and Phone Number, with an 'Update' button. The 'Update Password' section includes fields for New password, Confirm password, and a 'Update' button. The 'Company Info' section includes fields for Company ID, Company Name, and Company ORI, with an 'Update' button. Below these sections is a 'Delete Account' section with a 'Delete Account' button. At the bottom is a 'System settings' section with fields for API key, Session expiry time, and Company plate data retention, with 'Generate' and 'Update' buttons. There is also a 'Language' dropdown menu set to 'Auto'.

Figure 61. Account Settings Screen

11.1 Personal Info

The user's name, contact information, and a brief description can be entered and reviewed under the "Personal Info" section. If needed or necessary, the description box can be filled with additional information pertinent to the user, operation, or program (job title, hours of operation, etc.). Once the information has been entered or changed, click Update.



Personal Info

Email: Edit

First Name:

Last Name:

Phone Number: ☒ Enable Text Messages

By submitting the contact form and signing up for texts, you consent to receive text messages from Rekor at the number provided. Consent is not a condition of purchase. Message frequency varies. Message and data rates may apply. You can unsubscribe at any time by replying STOP. Text HELP to get help. [View our Privacy Policy](#)

Description:

Update

Figure 62. Personal information

11.2 Update Password

The user may need to update the password for security purposes and/or as needed. Enter a new password following the requirements (fine prints below the textbox) and confirm it in the second textbox. Click Update.

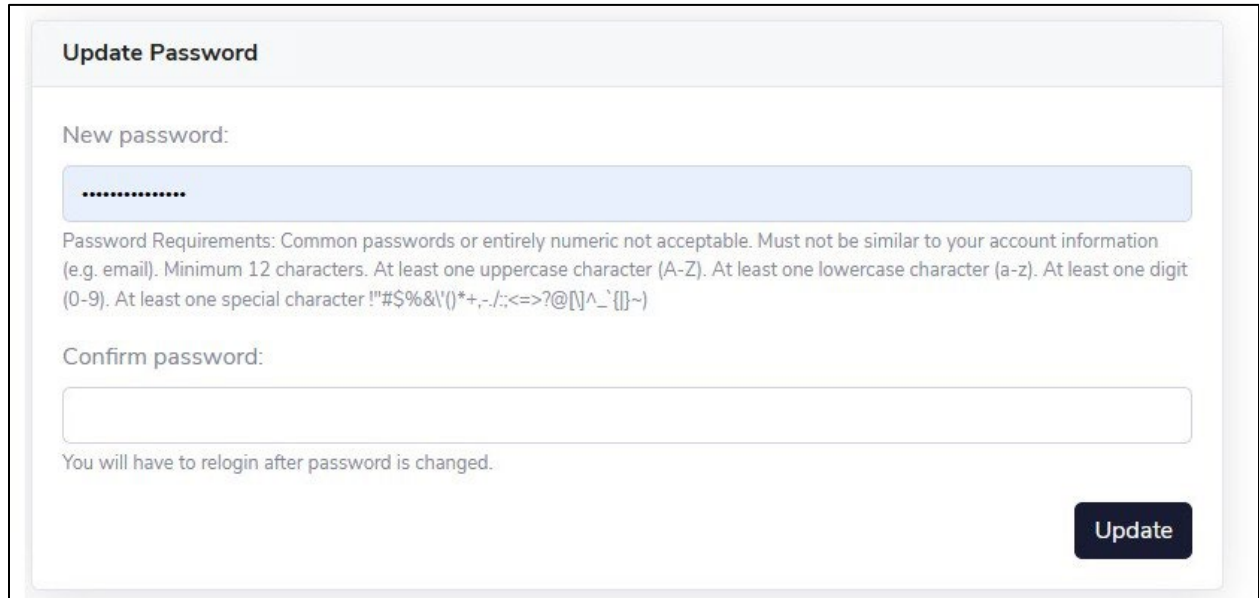


Figure 63. Password Update

11.3 Company Information

The company information is a unique identifier that can be used to configure agents for camera streams.



Figure 64. Company Information

11.4 System Settings

The account's specific usage can be changed under the System Settings section. Users can generate an API Key to programmatically interact with OpenALPR backend. By selecting Enable API authentication using Company ID you can replace the API Key with the Company ID.

The following settings can also be changed:

- Session Expiry Time (seconds) – Designed for security purposes; the active session will end, and the user will be logged out upon the session time limit.
- Require Justification to Search – A brief description is required to be entered for each search.
- Refresh Password – Password will expire every 90 days and the previous 10 passwords cannot be used.
- One User per Session – Limits the session access to only one user per account.
- Enable MFA (Multi-Factor Authentication) – Providing enhanced security framework.
- Language – Allows the user to select the language of preferences.

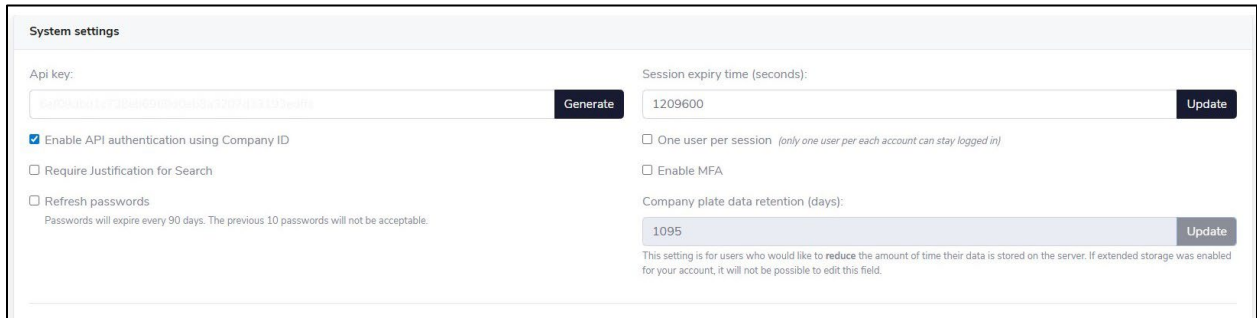


Figure 65. System Settings

11.5 Delete Account

If the user chooses to delete the account, all the collected data will be lost. Once an account has been deleted it cannot be undone.

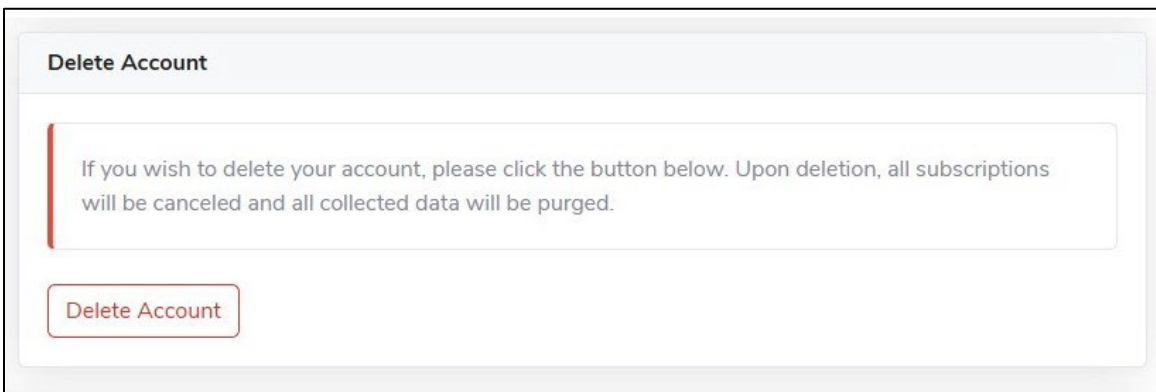


Figure 66. Delete Account

12 Guides and Support

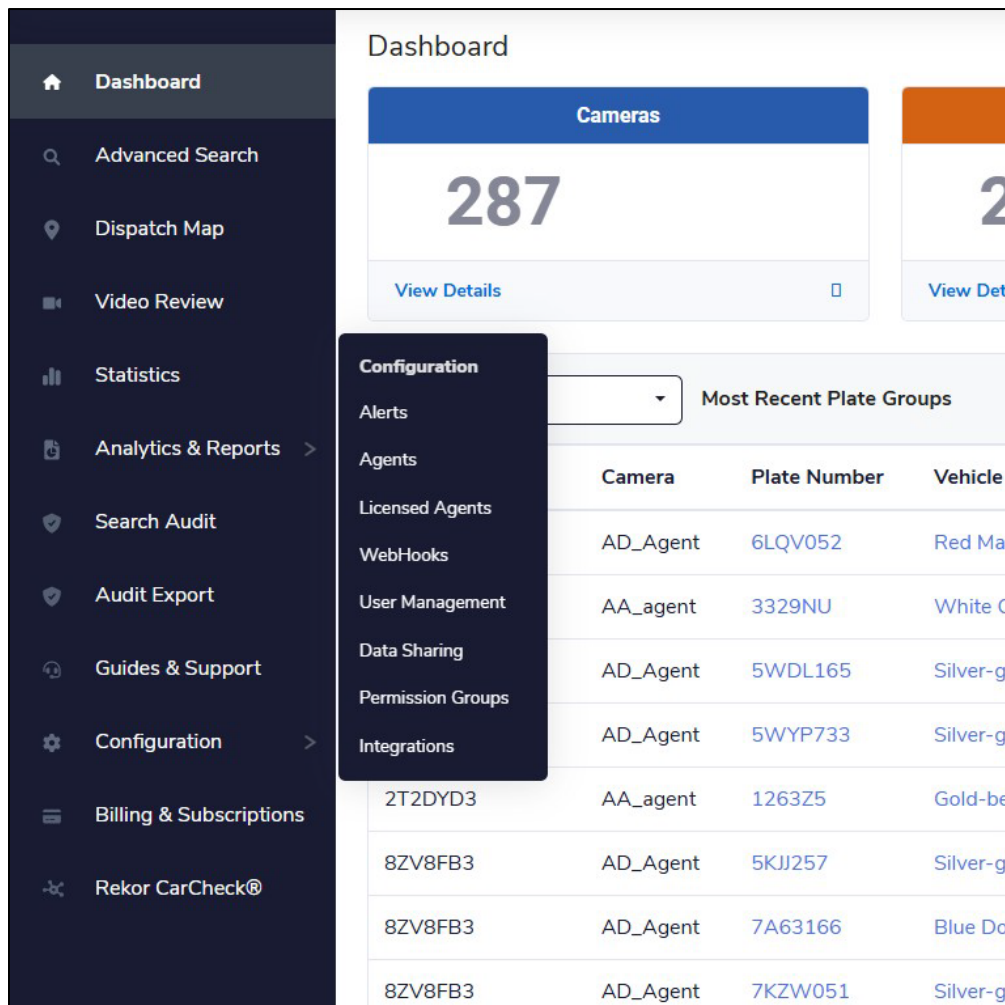
The Guides and Support section links to the following website: <https://docs.rekor.ai>

This site contains all of the technical documentation for Rekor Scout, plus the best practices to get the best camera reads.

13 Configuration

This menu provides a management center to introduce and configure all involved parties of the LPR system. Alerts, Licensed Agents, Webhooks, Users, Data Sharing, Permissions Groups, and Integrations can be created and managed under this menu.

NOTE: Agents are discussed in Section 4.



The screenshot shows the Rekor Scout interface. On the left is a dark sidebar with a menu. The 'Configuration' option is highlighted, and its sub-menu is open, showing options: Alerts, Agents, Licensed Agents, WebHooks, User Management, Data Sharing, Permission Groups, and Integrations. The main content area shows a 'Dashboard' with a 'Cameras' section displaying '287' and a 'Most Recent Plate Groups' table.

Camera	Plate Number	Vehicle	
AD_Agent	6LQV052	Red Maz	
AA_agent	3329NU	White C	
AD_Agent	5WDL165	Silver-gr	
AD_Agent	5WYP733	Silver-gr	
2T2DYD3	AA_agent	1263Z5	Gold-be
8ZV8FB3	AD_Agent	5KJJ257	Silver-gr
8ZV8FB3	AD_Agent	7A63166	Blue Do
8ZV8FB3	AD_Agent	7KZW051	Silver-gr

Figure 67. Configuration Menu

13.1 Alerts

Alerts can be managed under this section of the Configuration menu. Alert Lists will be shown in one panel and individual alerts for plates within the selected list will be shown on a second panel.

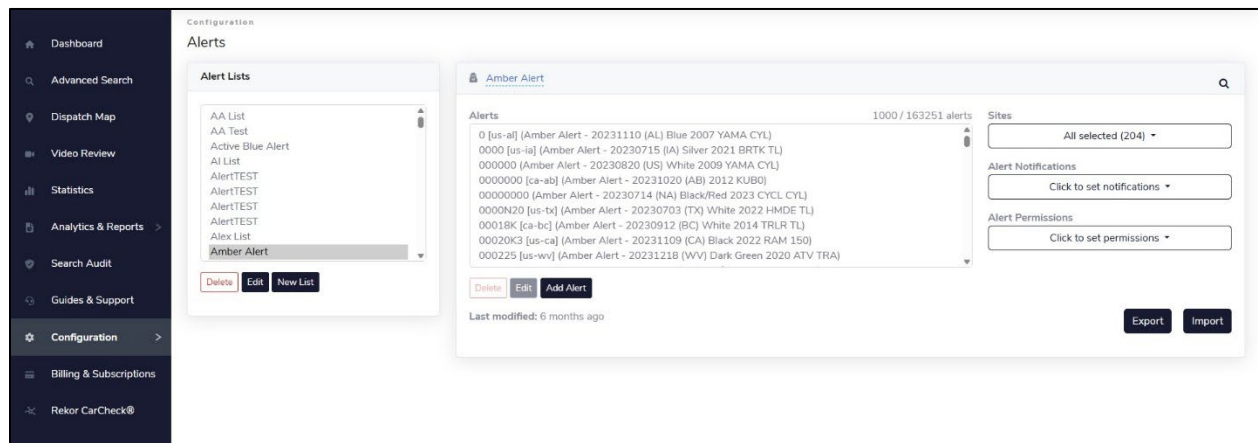


Figure 68. Alerts List and Results

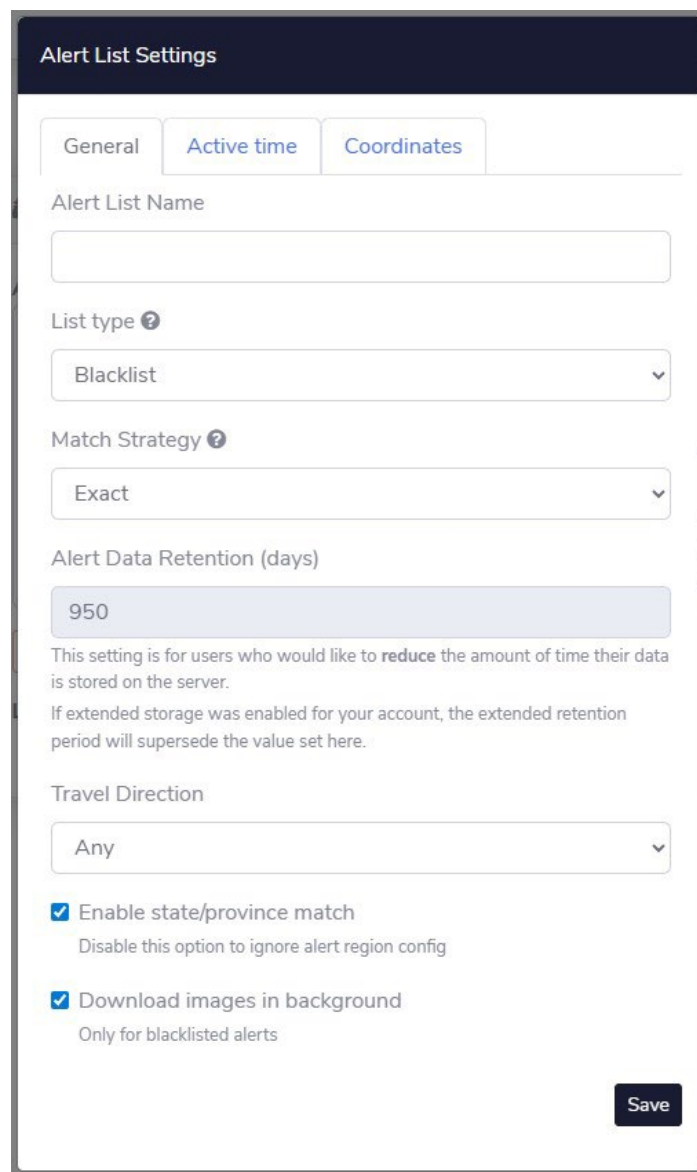
13.1.1 Alert List Management

Clicking on New List opens another window to configure the alert list settings.

Alert list name, type (blacklist or whitelist), match strategy and direction of travel for the new list should be entered or selected from drop-down menus under the General tab.

- **Blacklist:** Any plate number on this list will trigger an alert upon capture.
- **Whitelist:** Any plate number that is NOT on this list will trigger an alert upon capture.

! Note: Adjusting “Match Strategy” provides a higher chance of catching the plate but increases the chance of a false positive alert.



Alert List Settings

General Active time Coordinates

Alert List Name

List type ?

Blacklist

Match Strategy ?

Exact

Alert Data Retention (days)

950

This setting is for users who would like to **reduce** the amount of time their data is stored on the server.

If extended storage was enabled for your account, the extended retention period will supersede the value set here.

Travel Direction

Any

☒ Enable state/province match
Disable this option to ignore alert region config

☒ Download images in background
Only for blacklisted alerts

Save

Figure 69. Alert List Settings

Alerts are active 24/7 unless a timing restriction is defined under the Active Time tab. Once enabled, the user can set the active days and time range for the selected alert list to operate.

Alert List Settings

General
Active time
Coordinates

☒ Restrict alerts to time period

Timezone:

America/New_York

Active days:

Day	Time range	Active
Monday	12:00 AM 11:59 PM	☐
Tuesday	12:00 AM 11:59 PM	☐
Wednesday	12:00 AM 11:59 PM	☐
Thursday	12:00 AM 11:59 PM	☐
Friday	12:00 AM 11:59 PM	☐
Saturday	12:00 AM 11:59 PM	☐
Sunday	12:00 AM 11:59 PM	☐

Save

Figure 70. Active Time Alerts Settings

Under the Coordinates tab, the user can set a location for the list to get notified upon capture or entrance of a plate within the specified coordinates. Once the Restrict Alerts to Coordinates box is enabled, the panel will extend to show options for defining boundaries on the map.

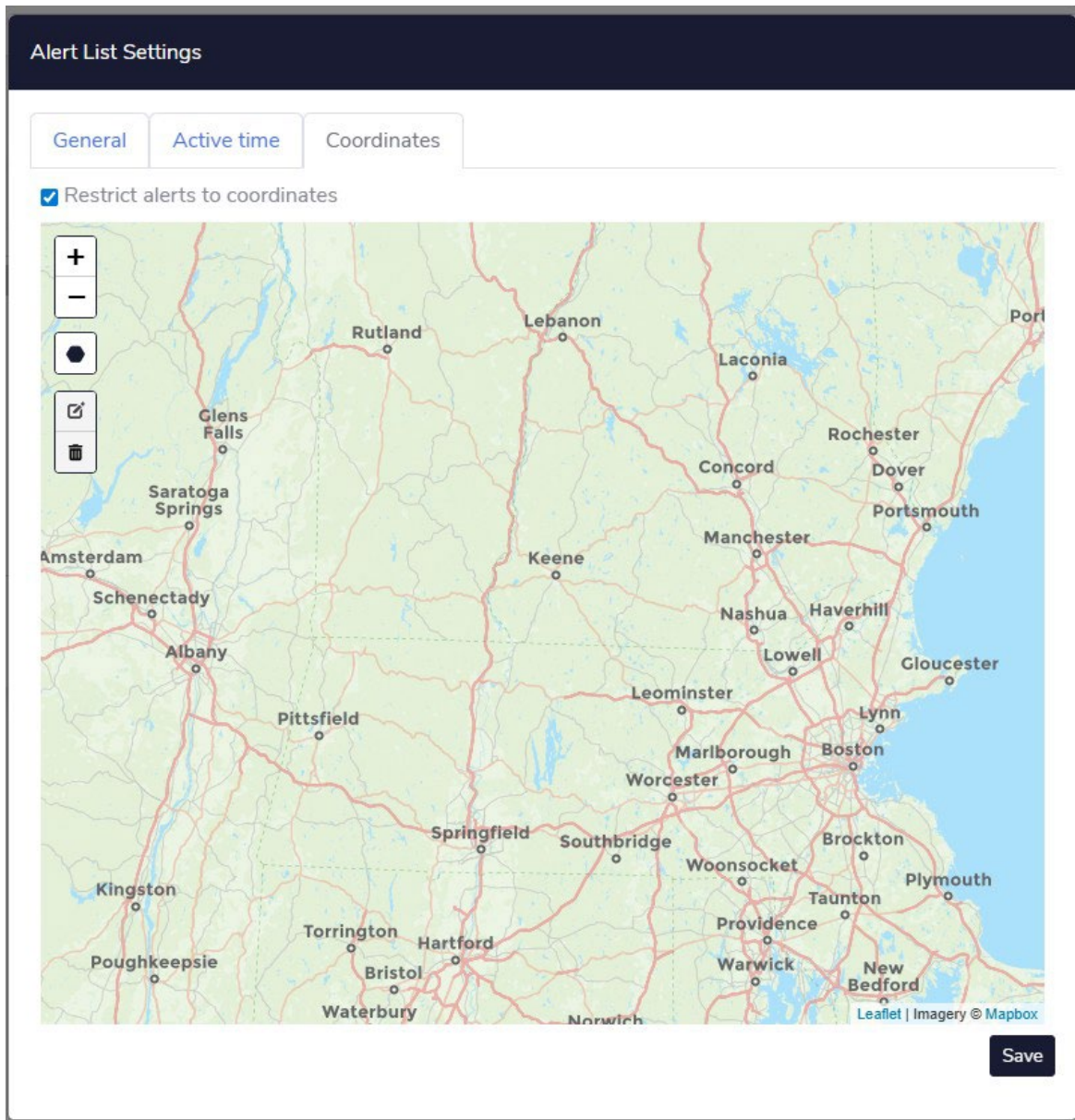


Figure 71. Coordinate Selection for Specific Alerts

All the settings and configurations applied to an individual Alert List can be modified using the Edit button at the bottom of the Alert List panel.

13.1.2 Alert Management

The Alerts management allows users to delete, edit or add alerts to a pre-existing alert list. For example, a user can select which sites to add or remove, who will receive the email or SMS notifications for an alert or who can have access to this list.



Figure 72. Individual Alert Management

Users can also import new alert lists or export the currently existing lists. The exported lists will be in the Microsoft Excel format. To import a list, it must be a Comma Separated Value (CSV) file that contains a list of plate numbers.

Click on Add Alert and a new window will appear to allow input information for Plate Number, Description and Match Strategy.

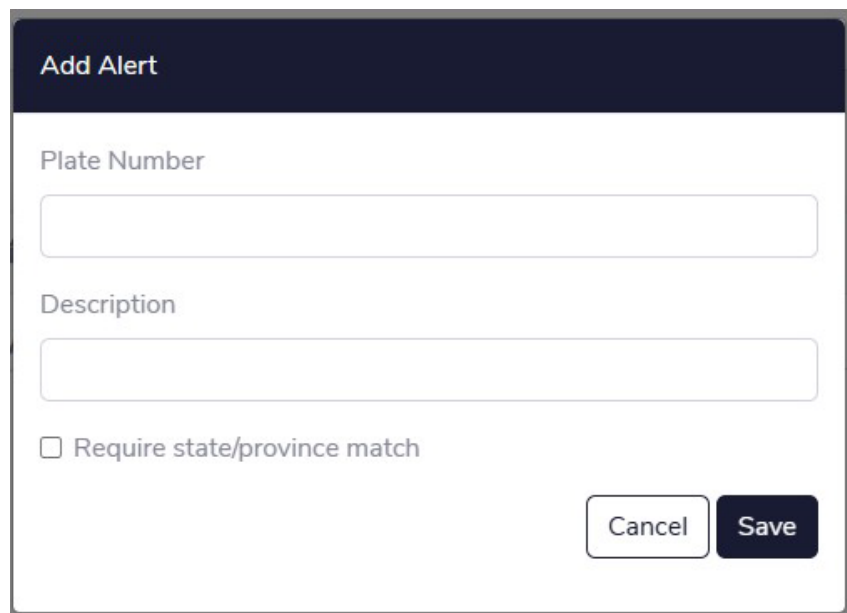


Figure 73. Add Alert Window

Each Alert list also allows the user to assign sites, which users receive email and/or SMS notifications about those alerts, what permissions those users have on the list: no access, can view or can manage.

Sites

All selected (204) ▾

Alert Notifications

Click to set notifications ▾

Alert Permissions

Click to set permissions ▾

Rekor Test
☐ Email recipient
☐ SMS recipient
Automated User
☐ Email recipient
☐ SMS recipient
☒ No access
☐ Can view
☐ Can manage

Figure 74. Alert Notifications and Permissions

13.2 Licensed Agents

All licensed agents along with high-level status information are provided on this page. You can view a License Agent's UID, Version Number, IP Address, Public IP Address, Hostname, any Tags you provided, the number of Cameras connected to the Agent, and the date the Agent was Last Seen. Additionally, you have the ability to set a camera as Active or Inactive by checking and unchecking the box under Actions. You can also delete an Agent by clicking on the Trash Can icon under Actions.

Licensed Agents								
Show 10 entries		Search:						
UID	Version	IP	Public IP	Hostname	Tags	Cameras	Last Seen	Actions
0M5AN6BJPIYYR6Q0WKV7YD9TAFH...	2.7.102	192.168.0.102	162.191.43.87	R20E29		1	34 days ago	
19NUH5TYXJ8GKBPGCY4XJFIP9VGR...	2.7.102	192.168.0.102	162.191.43.100	R20E08P		2	34 days ago	
1D00651406U9U69J4JUENU97W2B...	2.7.102	192.168.0.100	162.191.19.48	r20e08		1	1 day ago	
1LXWWCO7Z87PMTYE9Z1F1RSQPI...	2.7.102	192.168.0.100	162.191.43.95	R20E04P		1	53 days ago	
22TX609RBYNQOGH82Z4WQU2G41...	2.7.102	192.168.0.102	162.191.43.88	R20E31		1	59 days ago	
2HKSTU8UXXHOQ7NFVZC56BQM3...	2.7.102	192.168.0.100	162.191.19.69	r20e01p		1	31 days ago	
2XO6YEQDYRJY91Y4GMVES29RQLK...	2.7.102	192.168.0.100	162.191.43.94	R20E03P		1	53 days ago	
6S1AA5WA7K0X3585549WZJ2DE8...	2.7.102	192.168.0.100	174.141.212.85	R20E37		2	61 days ago	
75VDHY6V3PCJXS5V5NZ58CYT2P92...	2.7.102	192.168.0.100	162.191.43.85	R20E28		1	Seen Recently	
7QXH3KP4JS9MQXLZ724L8SH0TGB...	2.7.102	192.168.0.100	162.191.19.50	r20e02		1	34 days ago	
Showing 1 to 10 of 28 entries		Previous 1 2 3 Next						

Figure 75. Licensed Agents

13.3 WebHooks

WebHooks are a great way to integrate Rekor Scout® data with other systems such as external databases, parking systems, etc. Every time Rekor receives a plate or triggers an alert, the system can forward you the data in JSON format. You'll need an internet-accessible endpoint for Rekor to send the data. If your application will not have access to the internet, you can pull from the local beanstalk queue as an alternative.

The WebHooks page allows you to send an HTTP POST to any URL every time a plate is received or an alert is triggered. The POST body contains the license plate data.

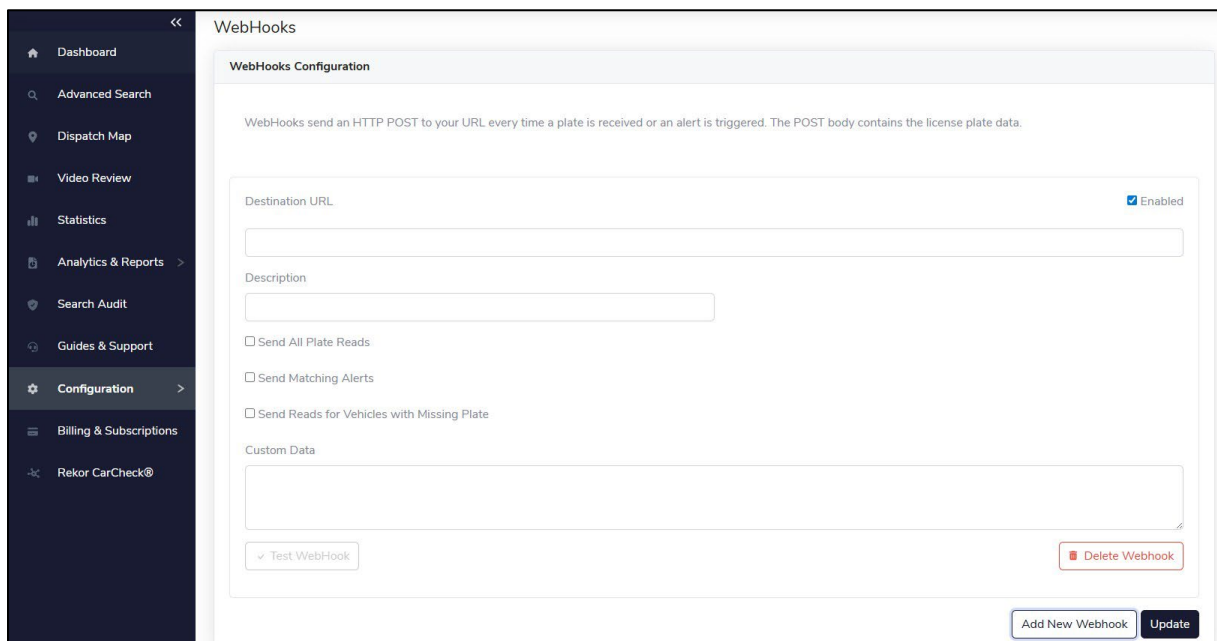


Figure 76. WebHooks

Once “Destination URL” has been set, the WebHooks can be tested. Once a test is passed, a result panel will show up and display the test results.



```

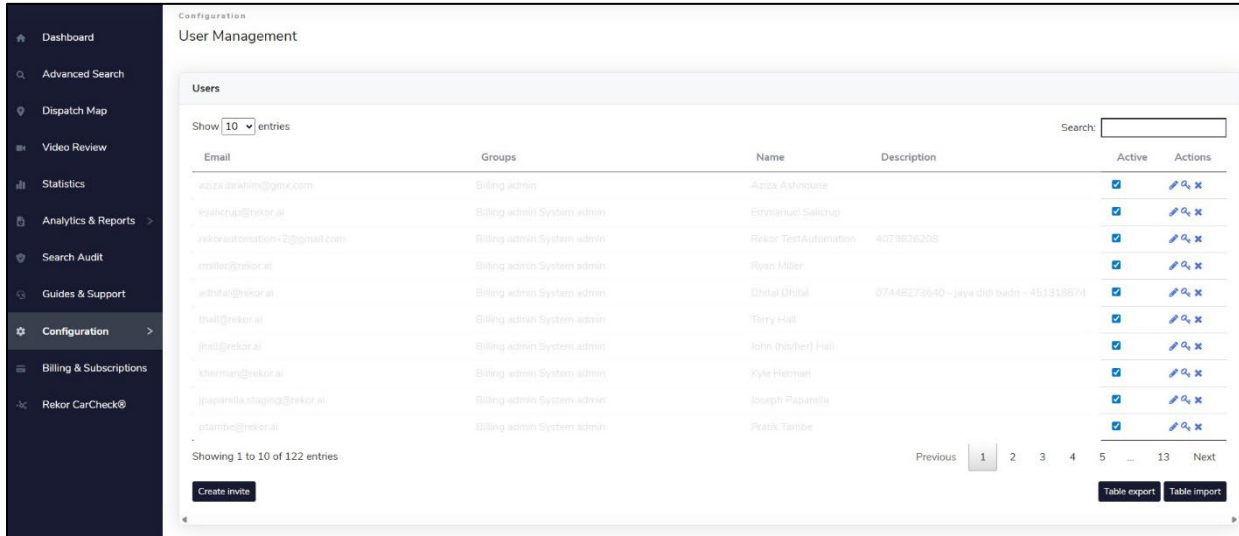
WebHooks Test Succeeded
Server response content:
Server responded with HTTP Code: 405

<!DOCTYPE html>
<html lang=en>
  <meta charset=utf-8>
  <meta name=viewport content="initial-scale=1, minimum-scale=1, width=device-width">
  <title>Error 405 (Method Not Allowed)!!!</title>
  <style>
    *(margin:0;padding:0)html,code{font:15px/22px arial,sans-serif}html{background:#fff;color:#222;padding:15px}body{margin:7% auto 0;max-width:
  </style>
  <a href=/www.google.com/><span id=logo aria-label=Google></span></a>
  <p><b>405.</b> <ins>That's an error.</ins>
  <p>The request method <code>POST</code> is inappropriate for the URL <code></code>. <ins>That's all we know.</ins>
  
```

Figure 77. Successful WebHooks Test

13.4 User Management

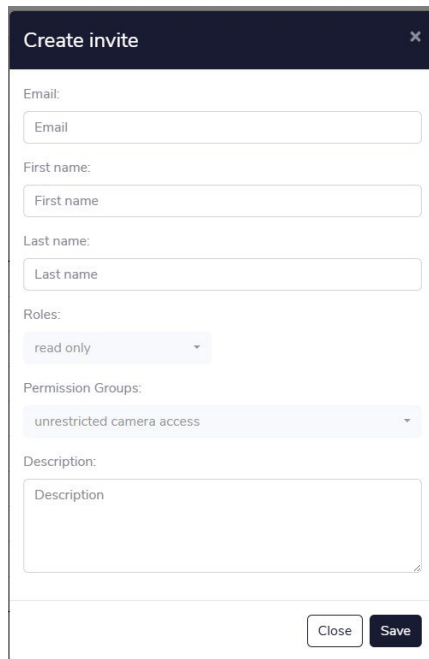
As the name of this section suggests, a user can manage all users, create invitees, import a list of users, or export the ones that have been set manually.



Email	Groups	Name	Description	Active	Actions
adisa@rekor.ai	Billing admin	Adisa Ashmoure		☒	Edit Delete
emmanuel@rekor.ai	Billing admin System admin	Emmanuel Salicrup		☒	Edit Delete
rekorautomation+2@gmail.com	Billing admin System admin	Rekor TestAutomation	4079826208	☒	Edit Delete
emiller@rekor.ai	Billing admin System admin	Ryan Miller		☒	Edit Delete
adishan@rekor.ai	Billing admin System admin	Dhruval Dhruval	87446275640 - jaya dsh hndr - 451318874	☒	Edit Delete
thall@rekor.ai	Billing admin System admin	Terry Hall		☒	Edit Delete
jhall@rekor.ai	Billing admin System admin	John (husker) Hall		☒	Edit Delete
khorman@rekor.ai	Billing admin System admin	Kyle Herman		☒	Edit Delete
jpapamita.staging@rekor.ai	Billing admin System admin	Joseph Papamita		☒	Edit Delete
ptambel@rekor.ai	Billing admin System admin	Pratik Tambel		☒	Edit Delete

Figure 78. User Management

Click Create to input information about the invitee including email, name, group, and description about the user, field of operation, or other related information to be noted on the user's profile.



Create invite

Email:

Email

First name:

First name

Last name:

Last name

Roles:

read only

Permission Groups:

unrestricted camera access

Description:

Description

Close

Save

Figure 79. Create Invite

13.5 Data Sharing

The Scout platform is designed to allow for data sharing across multiple organizations. This function allows you to share number/license plate reads sent to Scout with other entities also using Rekor Scout.

If your goal is to allow another Scout account searching your plate reads, you can use the "Data Sharing" capability of Rekor Scout®.

Your data will be part of the other Scout account "Federated search" results, but cannot be used as part of the Alerts capability of Rekor Scout®.

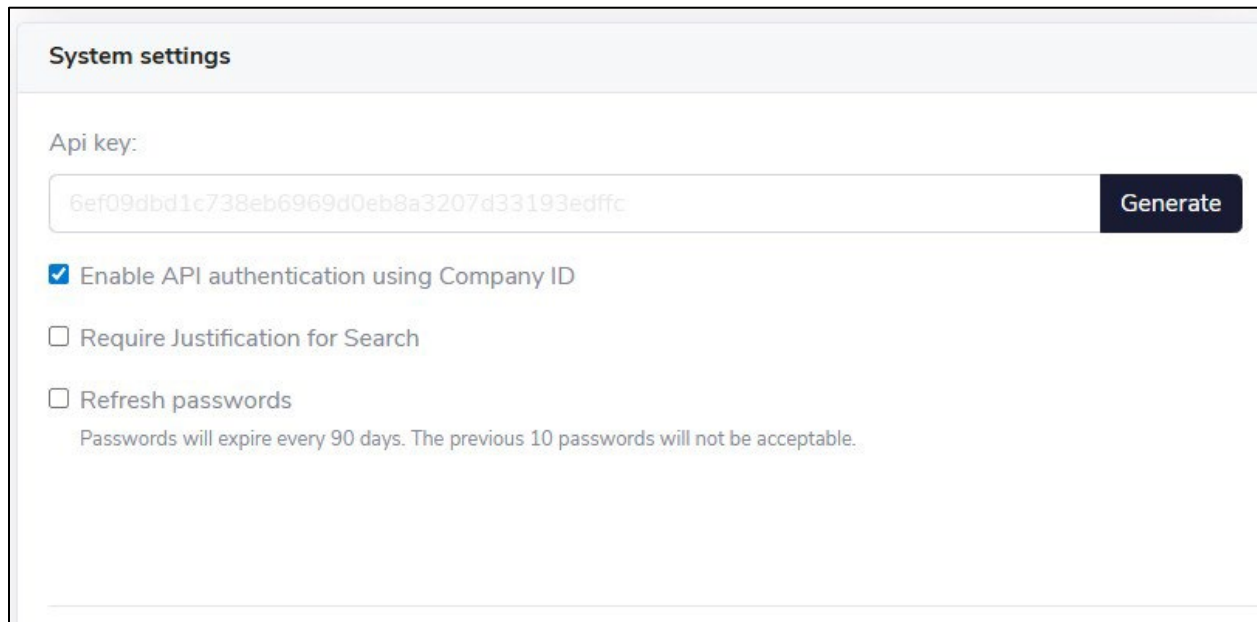
Since your data never leaves your Rekor Scout® account, you can revoke access to it at any time.

As the sharing organization, you will need to provide to the receiving organization:

The URL for your Scout instance (the URL for Rekor secure cloud Scout customers is <https://cloud.openalpr.com/>) and ensure that that Scout Web application is accessible by the receiving organization.

An API key to the receiving organization.

To get your API Key, navigate to your Account settings then scroll to System Settings.



The screenshot shows the 'System settings' section of a web application. It features a text input field for the 'Api key' containing a long alphanumeric string. To the right of the input field is a dark blue button labeled 'Generate'. Below the input field, there are three checkboxes: 'Enable API authentication using Company ID' (which is checked), 'Require Justification for Search', and 'Refresh passwords'. A note below the 'Refresh passwords' checkbox states: 'Passwords will expire every 90 days. The previous 10 passwords will not be acceptable.'

Figure 80. API Key

As the receiving organization, you will need to setup a Data Sharing source and use the API key that the sharing organization will provide you.

To setup your searches to include the sharing organization, navigate to Configuration -> Data Sharing and click on Add Server.

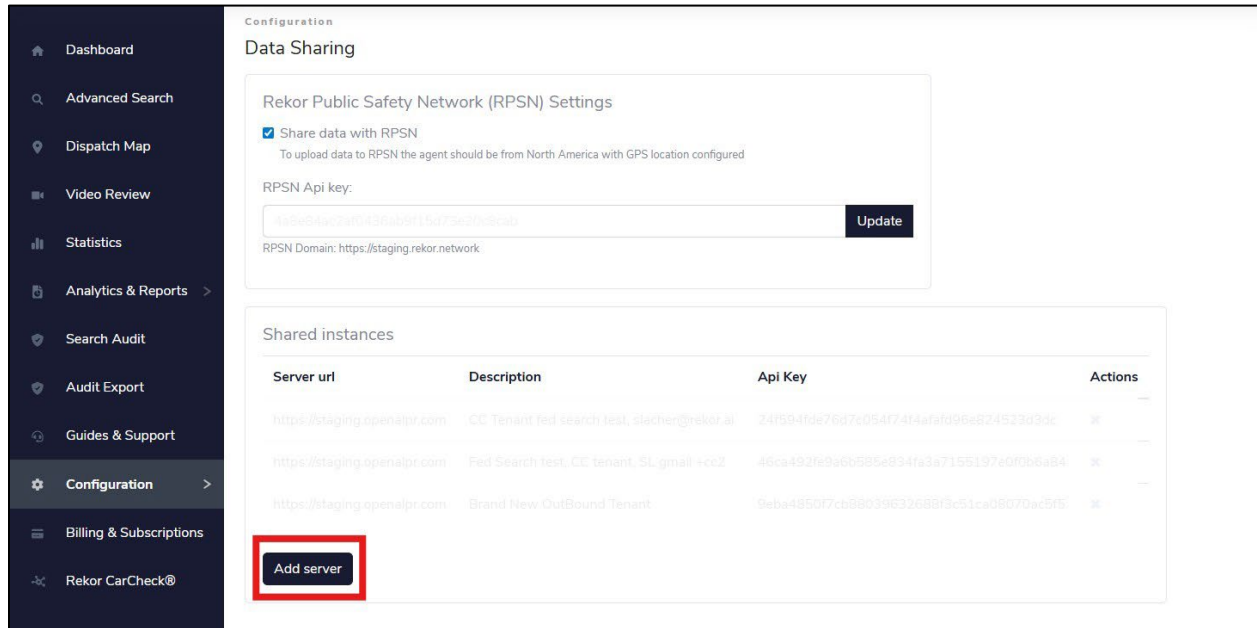


Figure 81. Data Sharing – Add Server

Enter the Server URL and the API Key that the sharing organization provided for you to use. Select a name that will make sense to you in the future, we suggest you use the legal name of the sharing organization. To verify that the URL and the API key are correct, click Test.

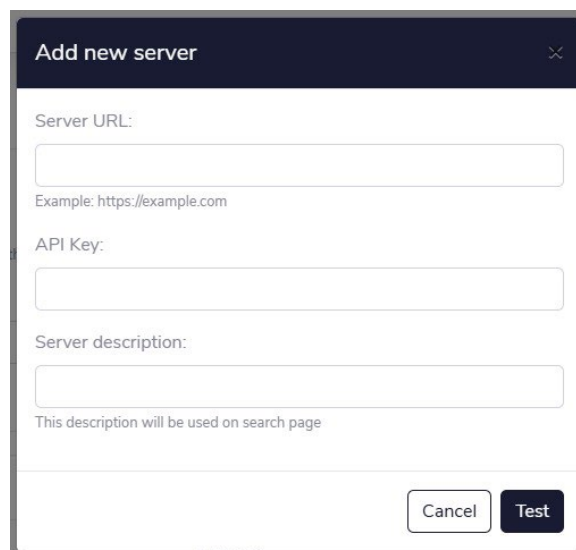


Figure 82. Server Input

If the connectivity testing successfully complete, you will be prompted to save that data search source by clicking the Save button.

13.6 Permissions Groups

The Permissions Groups function allows an organization to set up groups that have custom permissions assigned to them. The screen displays the list of existing permissions groups and a management panel where groups are edited.

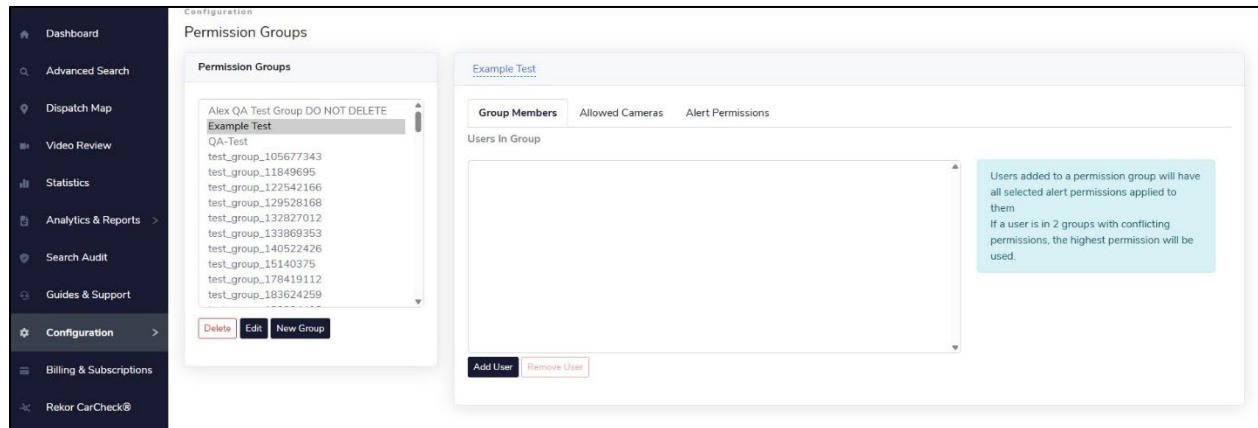


Figure 83. Permissions Groups

To add a new group, click New Group. Enter the Permission Group Name then click Create.

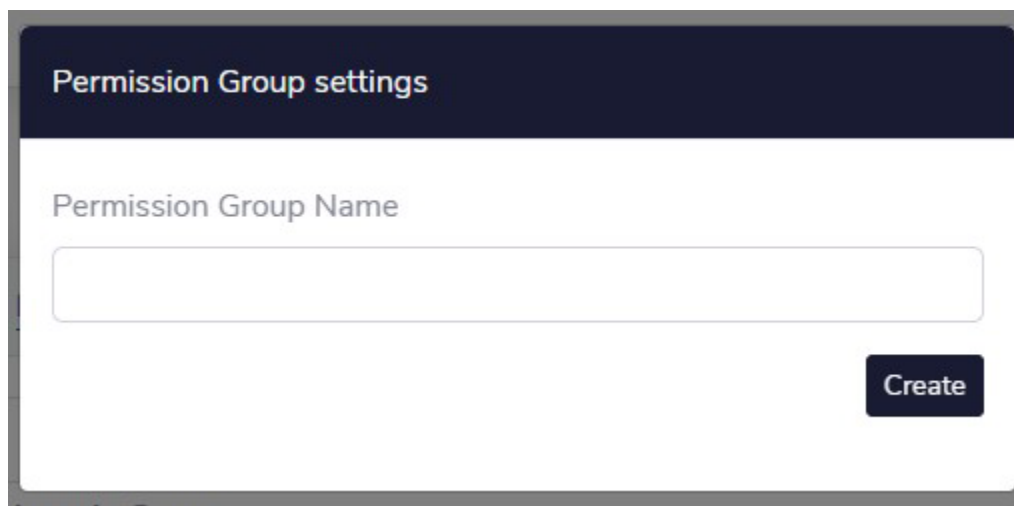


Figure 84. Add Group

The management panel allows you to add users, add allowed cameras, and select the alert permissions for that group.

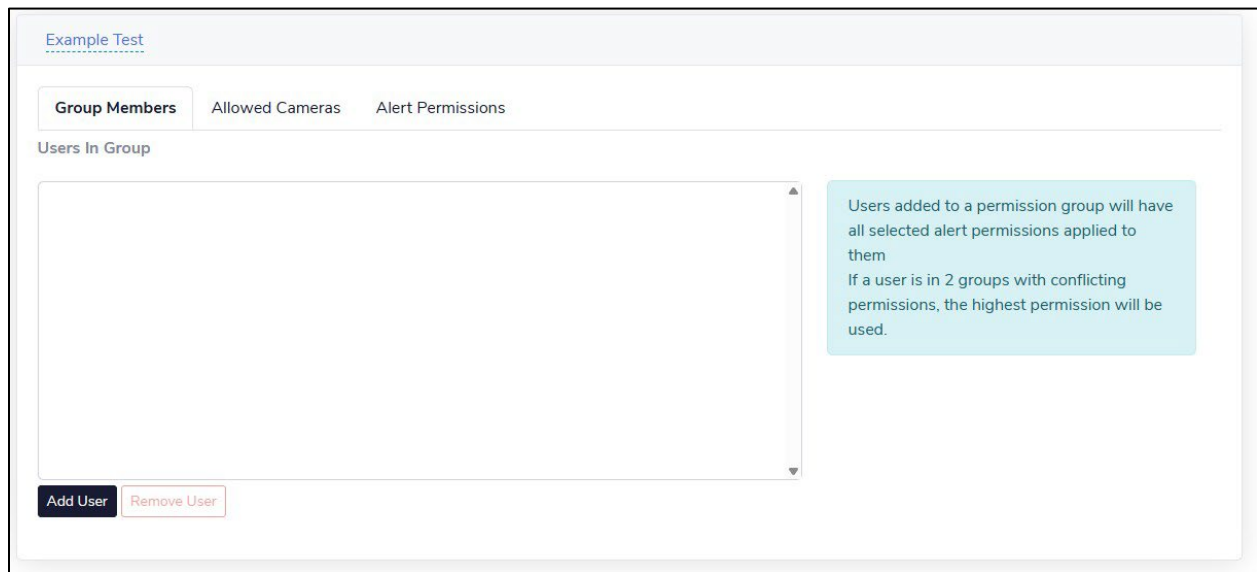


Figure 85. Permissions Group Management Panel

To add a new user to a group, click Add User. Click the drop down menu then select the users that will be added to the group. Click Add Users.

!NOTE: Users added to a permission group will have all selected alert permissions applied to them. If a user is in 2 groups with conflicting permissions, the highest permission will be used.

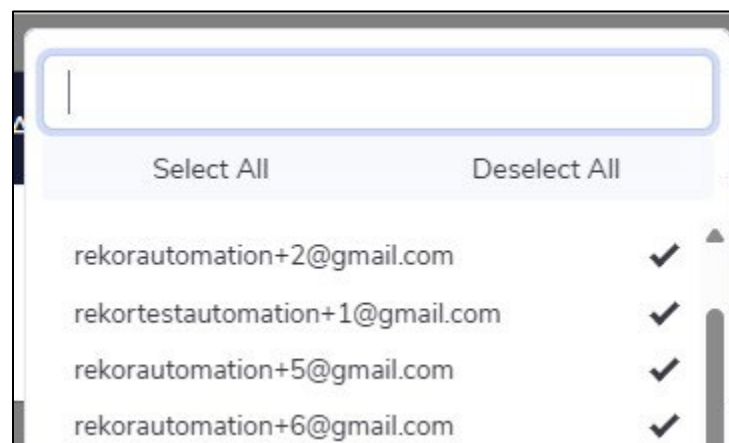


Figure 86. Permissions Groups – Add User

Click the Allowed Cameras tab. You may allow all cameras, allow an RPSN search, and allow a federated search.

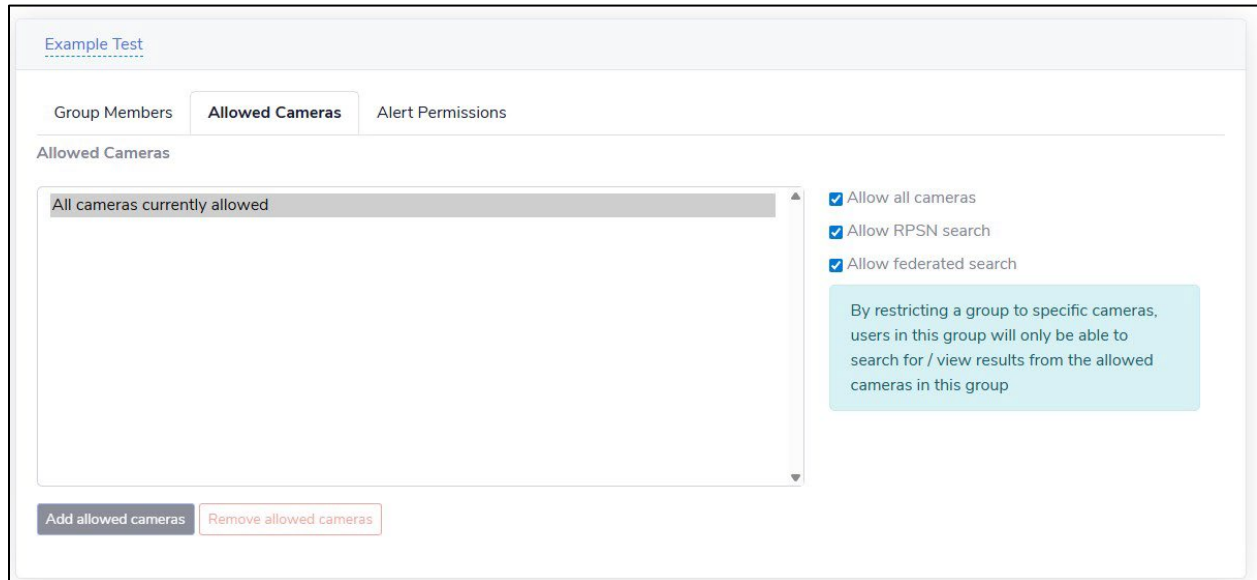


Figure 87. Allowed Cameras

!NOTE: By restricting a group to specific cameras, users in this group will only be able to search for / view results from the allowed cameras in this group.

Click the Alert Permissions tab. Assign whether the group can manage, view, or have no access to the chosen alert lists, and whether or not that group will receive email or SMS notifications from that alert list.



Alert List	Can Manage	Can View	No Access	Email	SMS
AA List	☐	☐	☒	☐	☐
AA Test	☐	☐	☒	☐	☐

Figure 88. Alert Permissions

13.7 Integrations

With just the click of a button, Scout users can now send license plate reads directly to Evidence.com, a digital evidence management system for Police.

Here's how to turn on your integration:

Users will first need to create a unique token in their Evidence.com account.

1. Sign in to your Evidence.com agency.
2. On the menu bar, click Admin and then under Security Settings, click API Settings. The API Access Clients page appears.
3. Click Create Client. The controls for naming and authorizing the new client appear. For each API resource, the page provides authorization settings for all currently supported operations. By default, all operations are prohibited.
4. In the Client Description box, type a meaningful description of the new client.

For each resource, choose the access settings that are allowed or prohibited for the new client.

Example: Resource: Evidence"any.create"

Note: See the Axon [Evidence.com](#) Partner API Guide for information on which API methods and URIs are enabled by each access setting.

5. Click **Save**. [Evidence.com](#) saves the client and displays the secret, the partner ID, the client ID, and the client description.

Note: This is the only time you can see the client secret. As soon as you leave the page or click Create Another Client, the secret (**unique token**) becomes inaccessible.

6. In a secure location, save the secret. It is recommended that you also save the client ID with the secret so that you can determine which client the secret is for. Your API client also requires the partner ID, which is also referred to as the agency ID; however, you can view the partner ID at any time.

For more information, please see: [Axon API Access Client Instructions](#)

Once a unique token is generated by Evidence.com, an Admin-level user will complete integration on Rekor Scout.

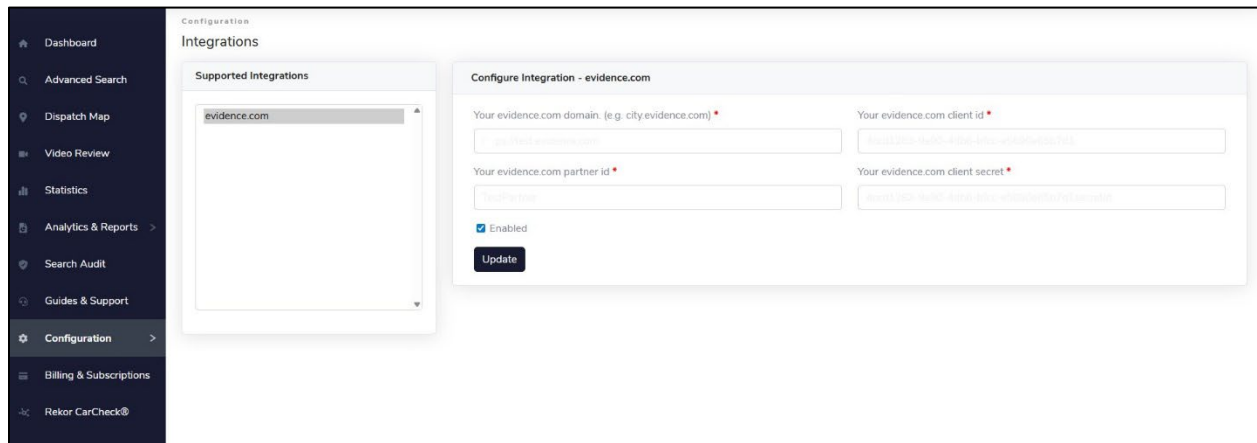


Figure 89. Integrations Screen

1. Sign into your Scout dashboard :
<https://cloud.openalpr.com> or <https://police.openalpr.com>
2. Navigate to **Configuration** on the left-hand menu then select **Integrations**.
3. Under *Suggested Integrations*, select **evidence.com**.
4. Under *Configure Integration*, enter the following data (gathered from Evidence.com API integration setup):
 - a. Evidence.com domain name (e.g. *city.evidence.com*)
 - b. Evidence.com partner ID
 - c. Evidence.com client ID
 - d. Evidence.com client secret
5. Click **Enabled**, then click **Update**.

14 Billing and Subscriptions

Account information and plan details can be accessed under this menu, including Account Information, Billing and Shipping Addresses, Payment Methods and Billing History.

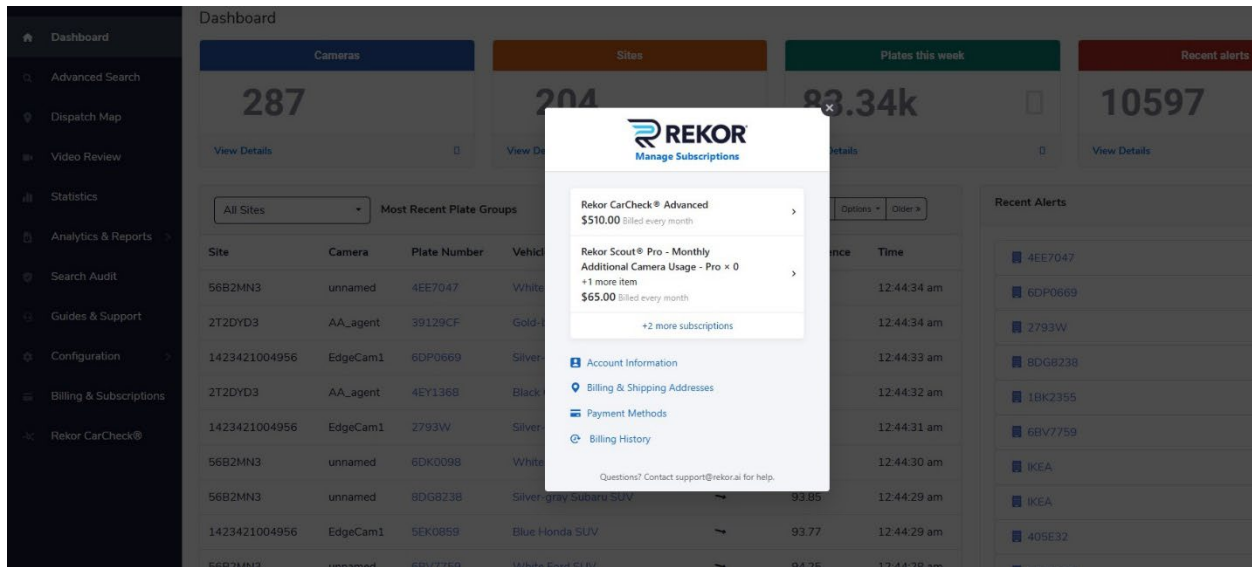


Figure 90. Billing and Subscriptions

14.1 Payment Information

This tab allows users to enter, review, and update the payment (credit card or bank account) and company information. Recent payment activities can be found here and redeem complimentary codes can be applied.

Payment Info

Credit Card

Bank Account

Company Info

Card Number

Credit Card Number

Expiration (MM/YYYY)

month

year

CVC

CVC

Country

United States

State

Please select your state

Update

Recent Payments

Manually Paid for 37 camera(s) through 02-25-2025

Redeem Code

Code

Apply Code

Figure 91. Payment Screen

15 CarCheck API

Rekor CarCheck® is a cloud-hosted ALPR web service for application integration. Using this product, you can send images to the Rekor cloud servers for analysis and the returning response will be a JSON document describing the license plates, and vehicle characteristics such as color, make, and body type.

The image below provides a sample view of the data the Rekor Scout® Dashboard shows concerning Rekor CarCheck. It also contains a demo for simple image testing and example output.

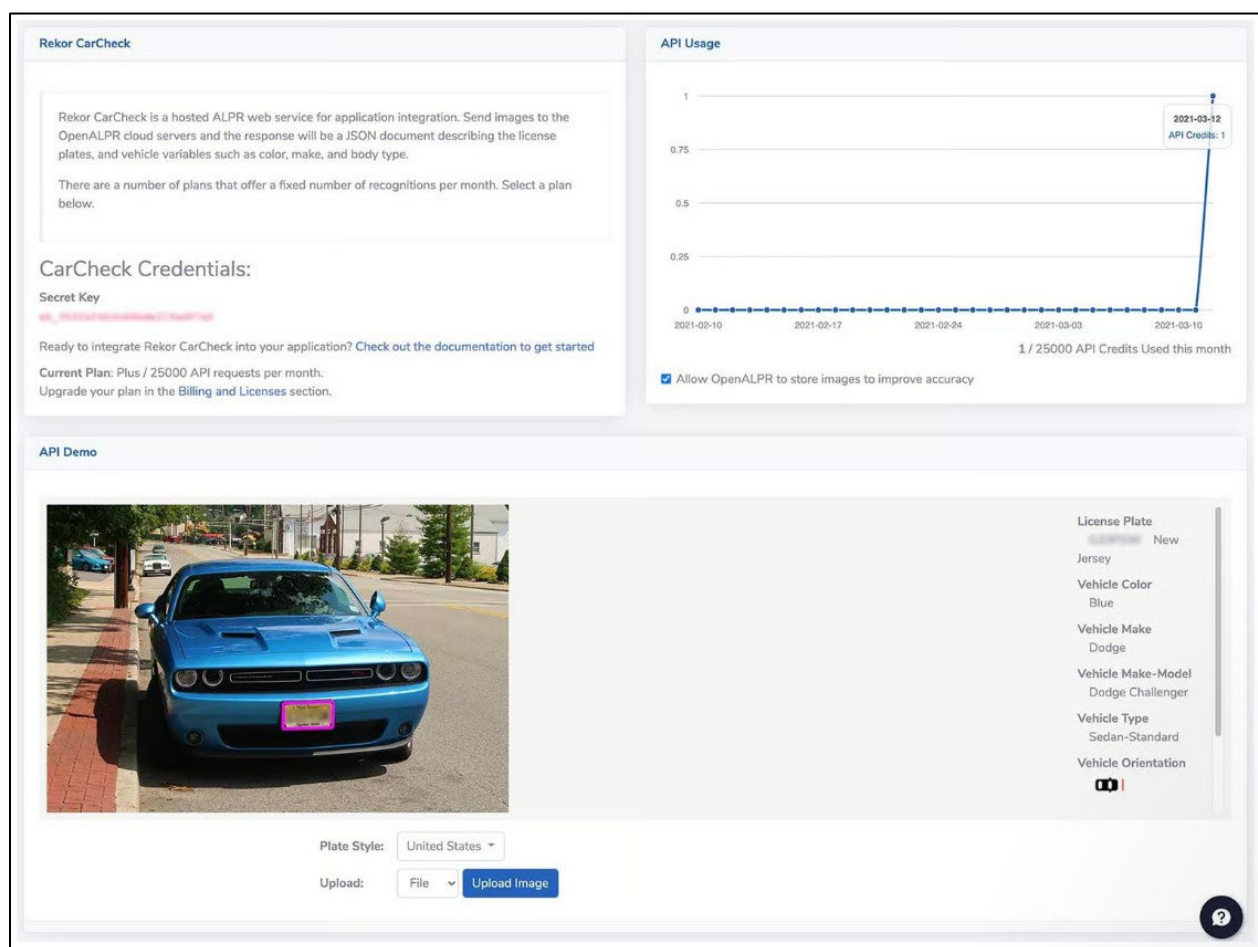


Figure 92. CarCheck Sample Page