



Vigilant LEARN Mobile User Guide

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Contact Us

For inquiries, see https://www.motorolasolutions.com/en_us/support.html > **License Plate Recognition (Vigilant)** or contact our 24 hours support staff at:

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- Email: vigilantsupport@motorolasolutions.com

Read Me First

Notations Used in This Manual

Throughout the text in this publication, you notice the use of **Warning**, **Caution**, and **Notice**. These notations are used to emphasize that safety hazards exist, and the care that must be taken or observed.



WARNING: An operational procedure, practice, or condition, and so on, which may result in injury or death if not carefully observed.



CAUTION: An operational procedure, practice, or condition, and so on, which may result in damage to the equipment if not carefully observed.



NOTE: An operational procedure, practice, or condition, and so on, which is essential to emphasize.

Special Notations

The following special notations are used throughout the text to highlight certain information or items:

Table 1: Special Notations

Example	Description
Menu key or Camera button	Bold words indicate a name of a key, button, or soft menu item.
The display shows <code>Settings Applied</code> .	Typewriter words indicate the MMI strings or messages displayed.
<code><required ID></code>	The courier, bold, italic, and angle brackets indicate user input.
Setup → Settings → All Settings	Bold words with the arrow in between indicate the navigation structure in the menu items.

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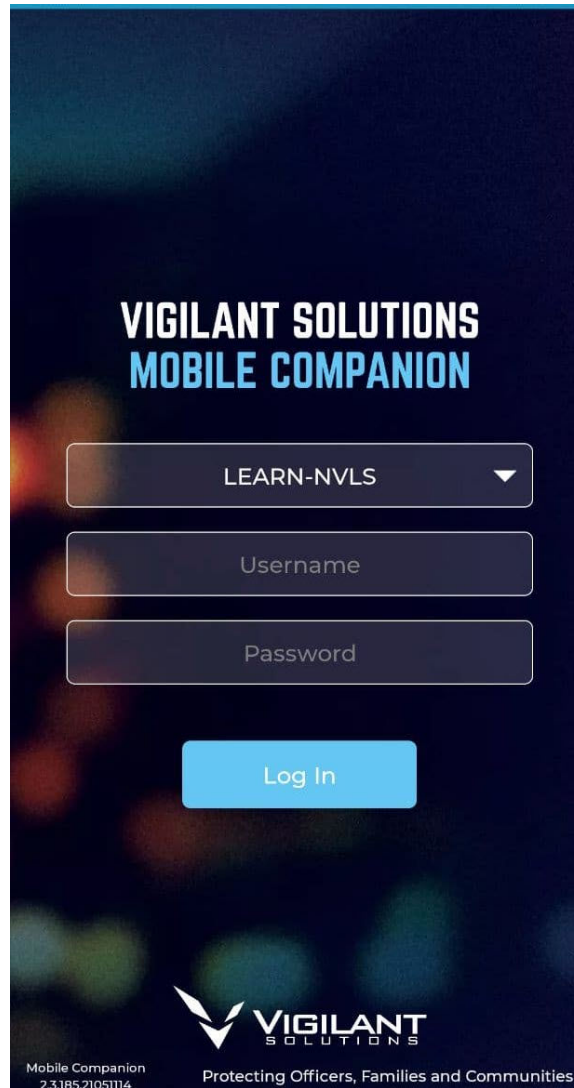
Chapter 1

Logging In

Procedure:

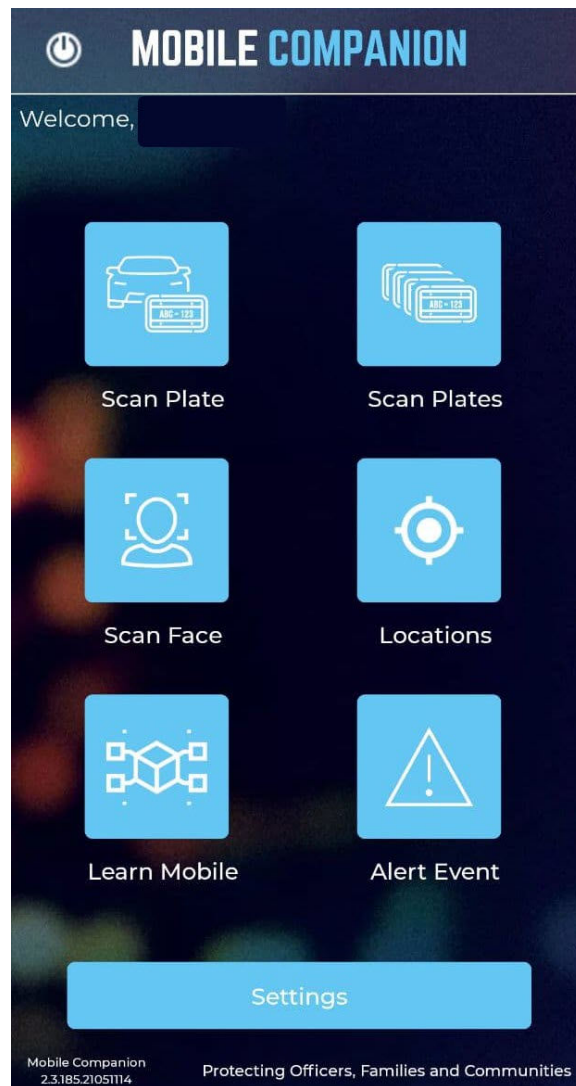
- 1 To log in, select the appropriate server from the drop down menu.
- 2 Enter your LEARN **USERNAME** and **PASSWORD** and click **LOG IN**.

Figure 1: Login Screen



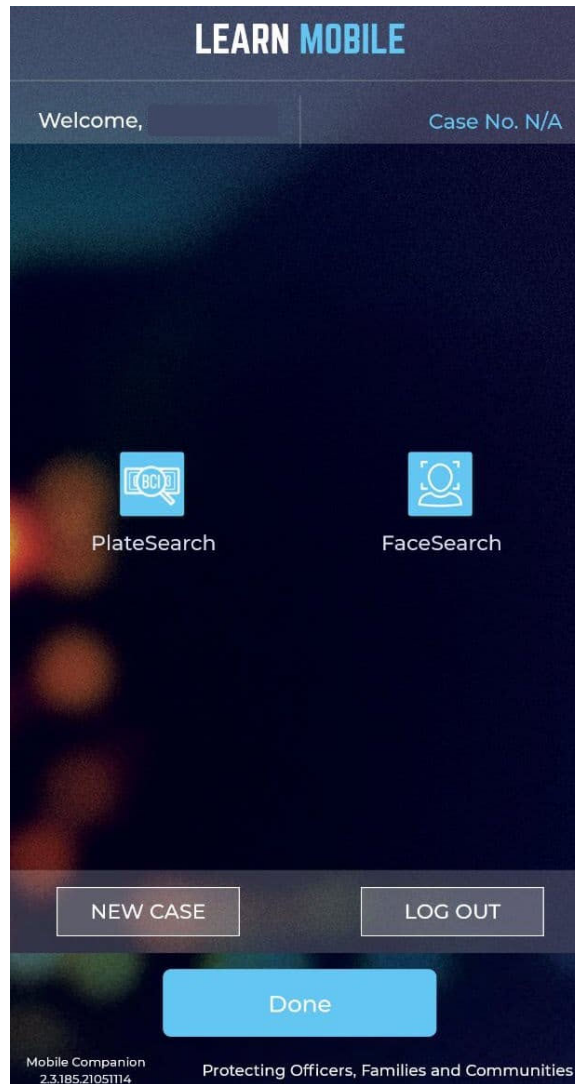
- 3 On the **DHS ICE Policy Acceptance** window, click **OK** to affirm consent and proceed.
- 4 Select **Learn Mobile**.

Figure 2: Main Screen



5 Select PlateSearch.

Figure 3: LEARN Mobile Screen



Chapter 2

Homescreen Overview

Figure 4: Homescreen Overview

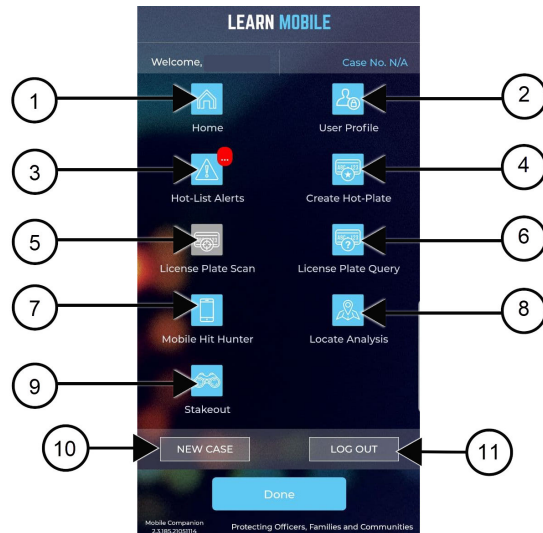


Table 2: Homescreen Overview Description

Number	Name	Description
1	Home	Returns you to the PlateSearch/FaceSearch home selection screen.
2	User Profile	Allows you to update the user information.
3	Hot List Alerts	Allows you to filter and view the hit alerts.
4	Create Hot Plate	Allows you to create and manage individual Hot-Plates.
5	License Plate Scan	Allows you to perform license plate scanning.
6	License Plate Query	Allows you to search by entering a license plate.
7	Mobile Hit Hunter (MHH)	Allows you to use the MHH search like the Mobile LPR application.
8	Locate Analysis	Allows you to enter a target plate and it will combine and cluster the previous detections into Locations and rate them.
9	Stakeout	Allows you to run Stakeout searches based on multiple location searches.
10	New Case	Allows you to set a new case number and authorized purpose for auditing requirements.
11	Log Out	Allows you to log out from the account.

Chapter 3

LEARN Mobile Configuration

3.1 Configuring User Profile

Procedure:

- 1 To update user information, tap **User Profile**.

Figure 5: User Information

The screenshot displays the 'USER PROFILE' screen. At the top, there is a title bar with 'USER PROFILE' and a 'Case No. N/A' indicator. Below the title bar is a navigation menu icon. The main content area is divided into two sections: 'USER INFORMATION' and 'ALERT MANAGEMENT'. The 'USER INFORMATION' section contains the following fields: Username: (with a sub-label 'Name:'), Address, City, State (with a dropdown arrow), Zip, Badge, Phone, Mobile, Email, and Description. The 'ALERT MANAGEMENT' section contains two buttons: 'ALERT CONFIGURE' and 'UPDATE'.

- 2 To define how to be alerted and even setup Geographic zone to be alerted in, tap **Alert Management**.
- 3 Choose which Agencies, Users, Systems, Hot List Sources, and Alert Types will be used to generate alerts.
- 4 To confirm the configuration, tap **Update**.

3.2

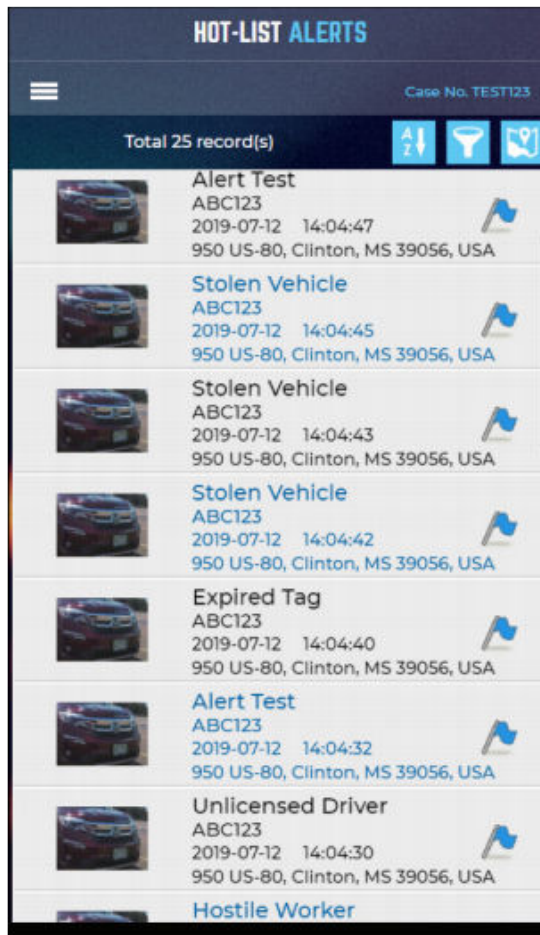
Configuring Hot List Alerts

When and where to use: LEARN Mobile keeps a running tally of new alerts for users to be informed of, such as TAS alerts. When a new alert is available, a red demarcation will display on the icon.



Procedure:

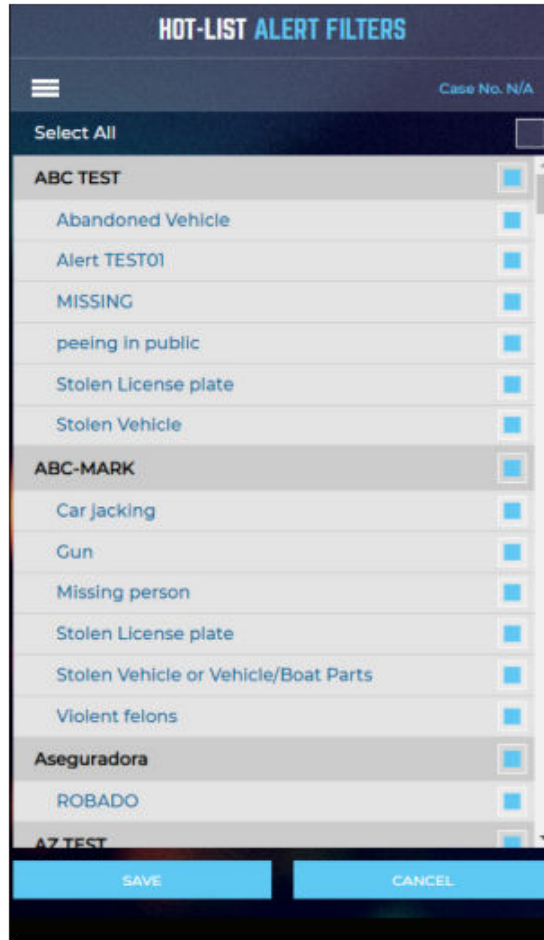
- 1 To view the Hot List Alerts, tap **Hot List Alerts**.

Figure 6: Hot List Alert



- 2 Perform one of the following actions:

- To sort the alerts list, tap  **Sort**.
- To filter the results to specific Sources and Alert types, tap  **Filter** and select the check box next to the available options.




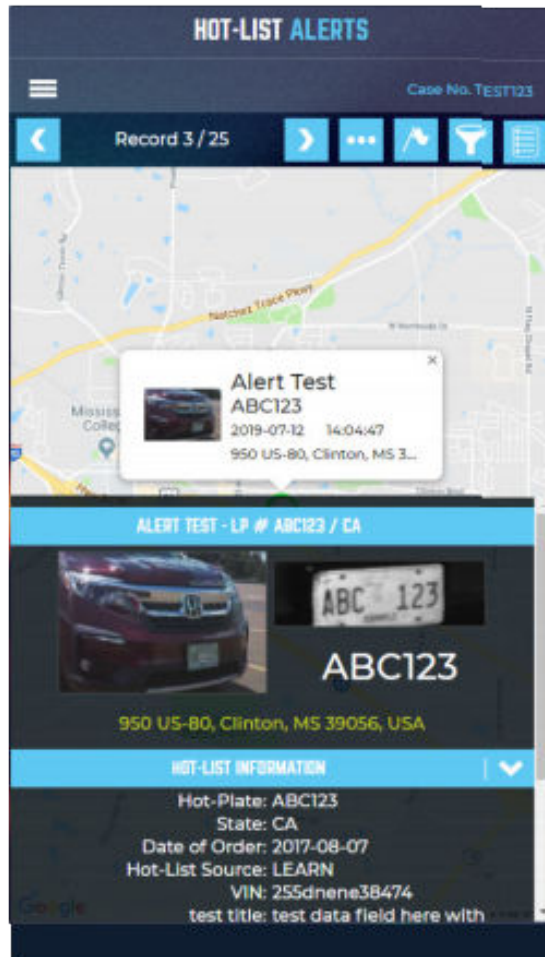

- To map the alert hits, tap  **Map**.
- 3** Select one of the hits in the list.
- The record displays the following information:
- A map overview with pin location.
 - Plate and Vehicle overview images.
 - Optical Character Recognition (OCR) value determined from the Plate image.
 - All Hot List information associated with the hit. (This includes custom fields if attached to the Hot Plate record.)

Figure 7: Hot List Alert Individual Display



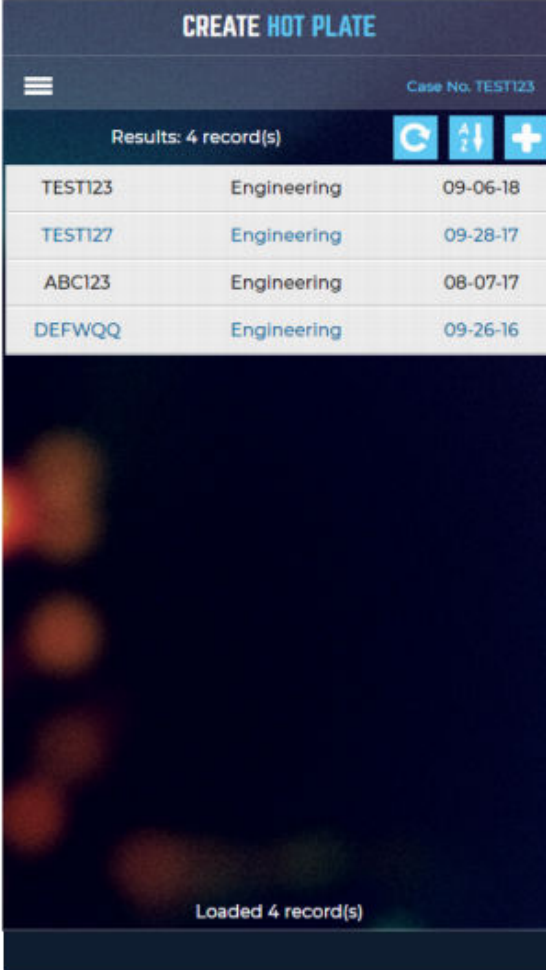
 **NOTE:** You can cycle through each of the alerts, flag records to save them, filter results, switch to table listing, email the hit report, or send plate or location to one of the other investigative tools.

3.3 Configuring Hot Plate

Procedure:

- 1 To view the added Hot Plate added from a Mobile Companion or LEARN Mobile interface, tap **Create Hot Plate**.

Figure 8: Hot Plate List

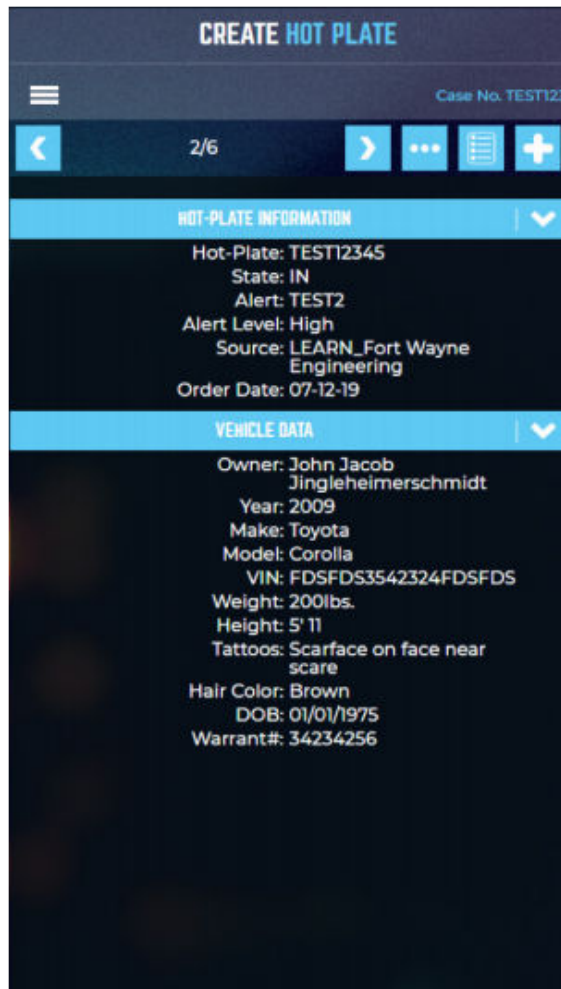


The screenshot displays a mobile application interface titled "CREATE HOT PLATE". At the top right, it shows "Case No. TEST123". Below the title bar, there is a status bar indicating "Results: 4 record(s)" and three action icons: a refresh icon, a sort icon, and a plus icon. The main content is a table with four rows, each representing a hot plate record. The table has three columns: ID, Department, and Date. Below the table, there is a dark blue area with a blurred background and the text "Loaded 4 record(s)" at the bottom.

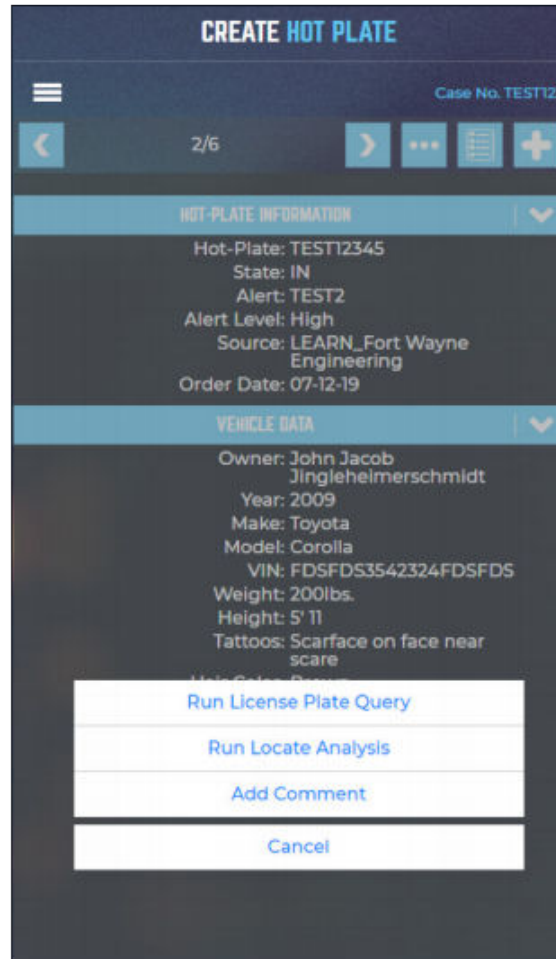
ID	Department	Date
TEST123	Engineering	09-06-18
TEST127	Engineering	09-28-17
ABC123	Engineering	08-07-17
DEFWQQ	Engineering	09-26-16


2 Perform one of the following actions:


- To display all the fields associated with a plate, including any custom fields, select the plate from the list.




- To add comments and send the plate to one of the other investigative tools, select one of the plates and tap **Add Comment**.



- To refresh the list, tap  **Refresh.**

- To sort the plate list, tap  **Sort.**

3 To add a Hot Plate, tap  **Add.**

4 Enter the Hot Plate information.

The screenshot shows the 'CREATE HOT PLATE' screen with 'Case No. TEST123'. The title bar is 'STEP 1: ENTER HOT-PLATE INFORMATION'. The form contains the following fields:

Hot-Plate:	ABC12345
State:	CA
Alert:	Test
<input type="button" value="ADD NEW ALERT"/>	
Owner:	John Jacob Jingleheimerschmidt
Make:	Toyota
Model:	Corolla
Year:	2009
VIN:	FDSF43543GFD5GSS5534

- 5 Select the Hot List record information.

The screenshot shows the 'CREATE HOT PLATE' screen with 'Case No. TEST123'. The title bar is 'STEP 2: SELECT HOT-LIST RECORD INFORMATION'. The form contains the following fields:

Date Of Load:	2019-07-11 16:45:28
<input type="checkbox"/> Order Date:	07/12/2019 04:45:28 PM
<input checked="" type="checkbox"/> Assign Alert Level:	Medium
Distribution:	All Agency Users
<input type="button" value="SELECT USER"/>	
<input type="checkbox"/> Email Recipient:	
<input checked="" type="checkbox"/> Make Inactive after:	365 Days (optional)
<input type="checkbox"/> Generate Historical Hits for last:	Days (optional)



NOTE:

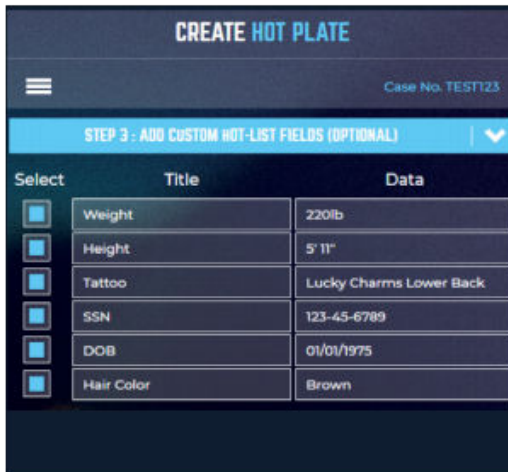
The inactivation period is automatically set to agency default but can be altered.

You can also generate a Historical Hit for a period of days to help search for previous detections.

- 6 Add the custom Hot List field.



NOTE: This step is optional.



3.4

Configuring License Plate Scan

Procedure:

- 1 To start the License Plate Scanning, tap **License Plate Scan**.



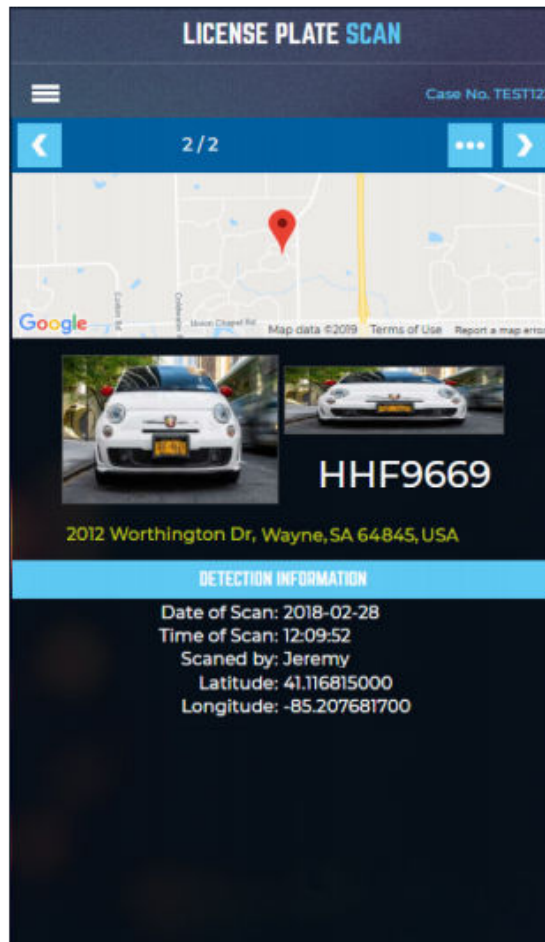
NOTE: The GPS coordinates will be based on the GPS value of the mobile device and the accuracy will depend on this.

- 2 Perform one of the following actions:
 - Use the camera of the mobile phone to start scanning.
 - If a camera phone is not available, use the photo library to select a corresponding image.

After a successful scan, the following information is displayed:

- Plate and Overview images.
- Automatic OCR based on region scanned.
- Date/Time
- User
- Latitude and Longitude coordinates.
- Location of the scan on a map view with a pin.

Figure 9: License Plate Scan Results



3.5

Searching with License Plate Query

Procedure:

- 1 To perform query of a license plate, tap **License Plate Query**.



NOTE: Agencies have the option to force exact plate lookup and will see a warning if this requirement is enabled.

Figure 10: License Plate Query

The screenshot shows the 'LICENSE PLATE QUERY' mobile application interface. At the top, there is a title bar with a hamburger menu icon on the left and 'Case No. TEST' on the right. Below the title bar, there are several sections: 1. 'PLATE SEARCH' section with a text input field containing 'DEF456' and a 'SEARCH' button. 2. 'TIME RANGE' section with a 'Date and Time' label, an 'All Time Visit' checkbox, and two rows of date and time pickers. The 'From' row shows '04/26/2014' and '12:00:00 AM'. The 'To' row shows '04/25/2019' and '11:59:59 PM'. 3. 'LOCATION' section with 'State:' and 'County:' labels and dropdown menus. The 'State' dropdown is set to 'NC' and the 'County' dropdown is set to 'All'. 4. 'CRITERIA' section with a dropdown arrow. 5. 'SAVED SEARCHES' section with a dropdown arrow. The bottom of the screen is partially obscured by a dark grey bar.

2 To narrow down the query, define the following information:

- Date range
- Time range
- State and County
- User and System

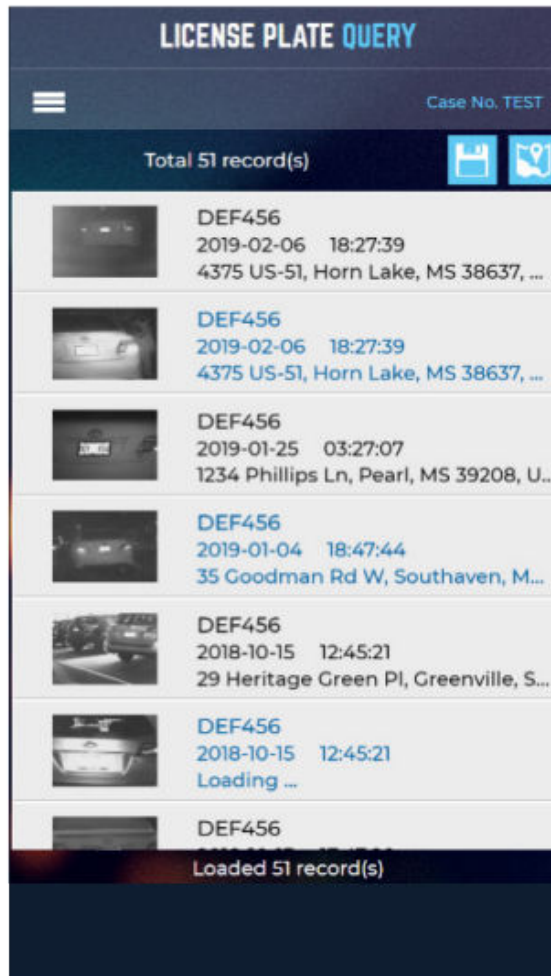


NOTE: If invalid plate characters are entered, a warning will be displayed.


The result displays the following information:


- Vehicle Overview Image
- Date and Time
- Nearest Address of the vehicle location

Figure 11: License Plate Query Results



3 To view the saved searches from the previous queries, tap **Saved Searches**.

4 To map or download the results as a PDF, tap  **Map**.

 **NOTE:** The PDF can be sent to the email address of the user associated with their account.

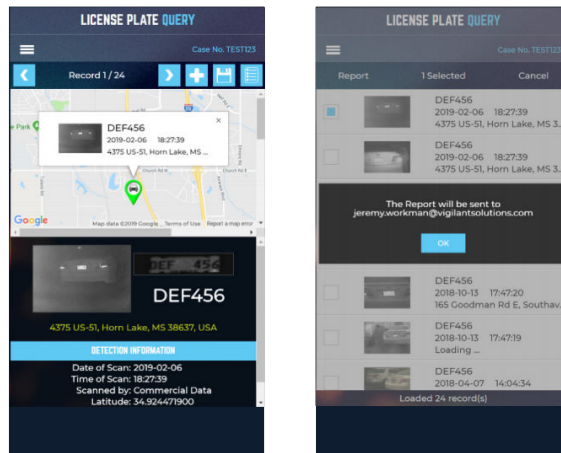
3.5.1 Map View and Reporting

LEARN Mobile provides a license plate image and a vehicle overview image that can be used to determine the make/model for day-time images.

The query results work seamlessly with web-based interactive maps. PlateSearch provides the GPS Coordinates, nearest address, date, and time the plate was captured, and the source of the record.

A printable option is available on LEARN Mobile and search results can be sent in PDF format to an associated email address.

Figure 12: Map View and Reporting



3.6

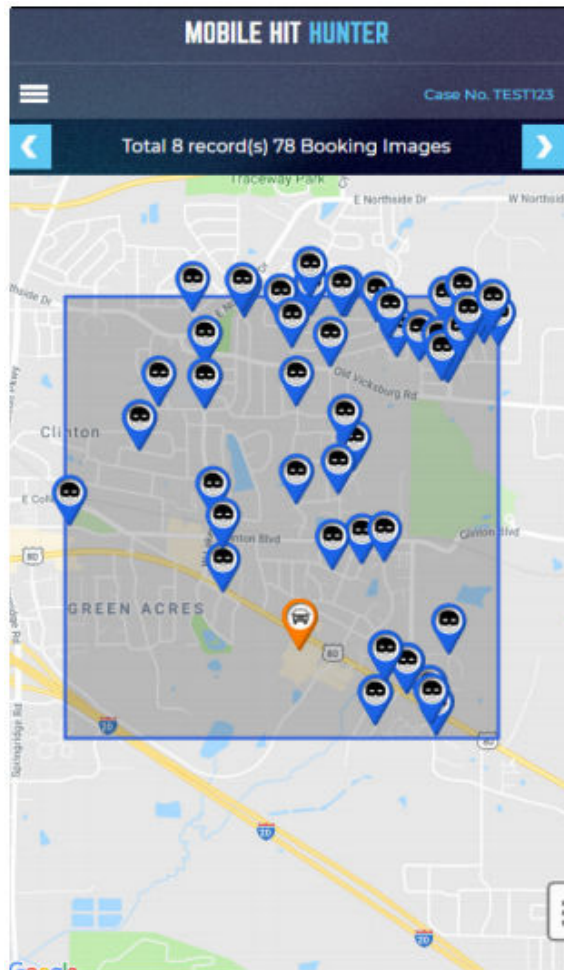
Searching with Mobile Hit Hunter (MHH)


When and where to use: This feature allows you to define an area around the current location of your mobile device to find hits associated with your Hot Plates.

Procedure:

- 1 To search using MHH, tap **Mobile Hit Hunter**.
The result displays a booking image overview.

Figure 13: Booking Image Overview



 **NOTE:** You also can allow MHH to display the locations of sex offenders and current felons on the map overview.

- 2 Once a Hit is found, select it for more information.

3.7 **Viewing Locate Analysis**

Procedure:

- 1 To view Locate Analysis, tap **Locate Analysis**.

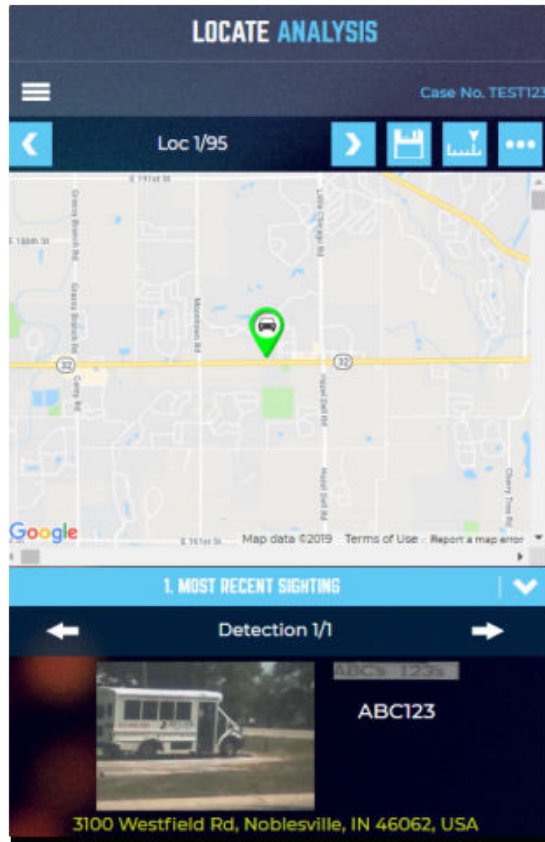
Figure 14: Search Locate Analysis

The screenshot shows the 'LOCATE ANALYSIS' mobile application interface. At the top, there is a header with the title 'LOCATE ANALYSIS' and a case number 'Case No. TEST123'. Below the header is a 'PLATE SEARCH' section with a dropdown arrow. The main area contains a text input field labeled 'Enter Plate Number', a blue 'SEARCH' button, and a 'Date Range' section with a checked checkbox. The 'Date Range' section includes two rows of date and time pickers: 'From' (07/13/2014, 12:00:00 AM) and 'To' (07/12/2019, 11:59:59 PM). At the bottom, there is a blue 'SAVE SEARCH' button with a dropdown arrow.

- 2 Enter the plate number.
- 3 Define the date and time range.
- 4 Tap **Search**.

The result displays the locations on a map with the corresponding detections clustered for each location. You can also display the detections on a timeline.

Figure 15: Locate Analysis Results



NOTE: You can merge and remove locations and then output the Locate Analysis search report to the email address associated with the user account.

3.8

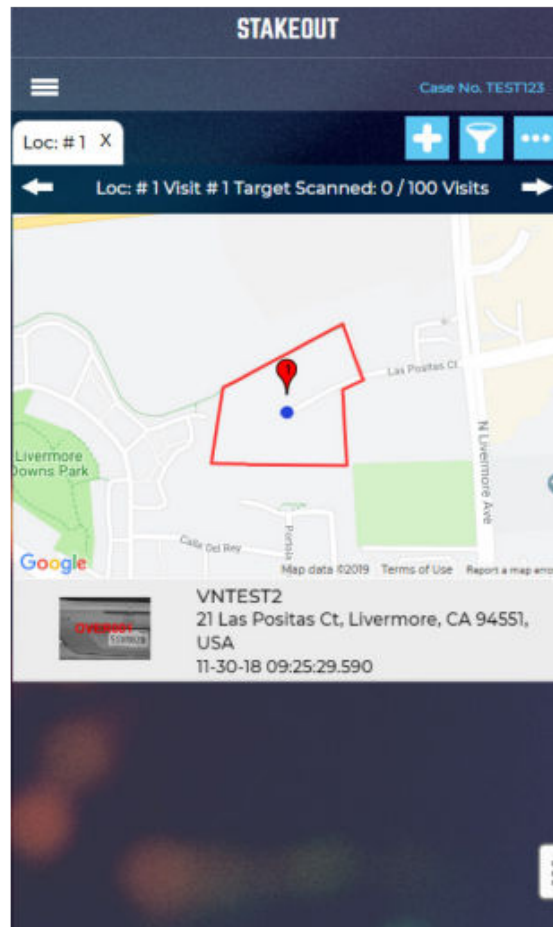
Searching with Stakeout

When and where to use: This feature allows you to enter multiple geo-fenced locations and return clustered detection results.

Procedure:

- 1 To run Stakeout searches, tap **Stakeout**.

Figure 16: Stakeout Search Results



- 2 If multiple locations are selected, you can run a Common Plate report, and have it sent to the email address associated with the user account.

Chapter 4

Audit

LEARN Mobile requires you to indicate who is requesting the query. All information will be stored in audit logs on the LEARN server and can be searched and output if required.

LEARN Mobile is set to have a mandatory reason code field, and a mandatory free-text field of up to 255 characters. The audit screen includes the name of the requestor, case number, and the free-text field. Input is mandatory for all queries or reports.

An optional Authorized Purpose code can be configured on LEARN and be forced to be included in the Audit as well.

Figure 17: Audit

