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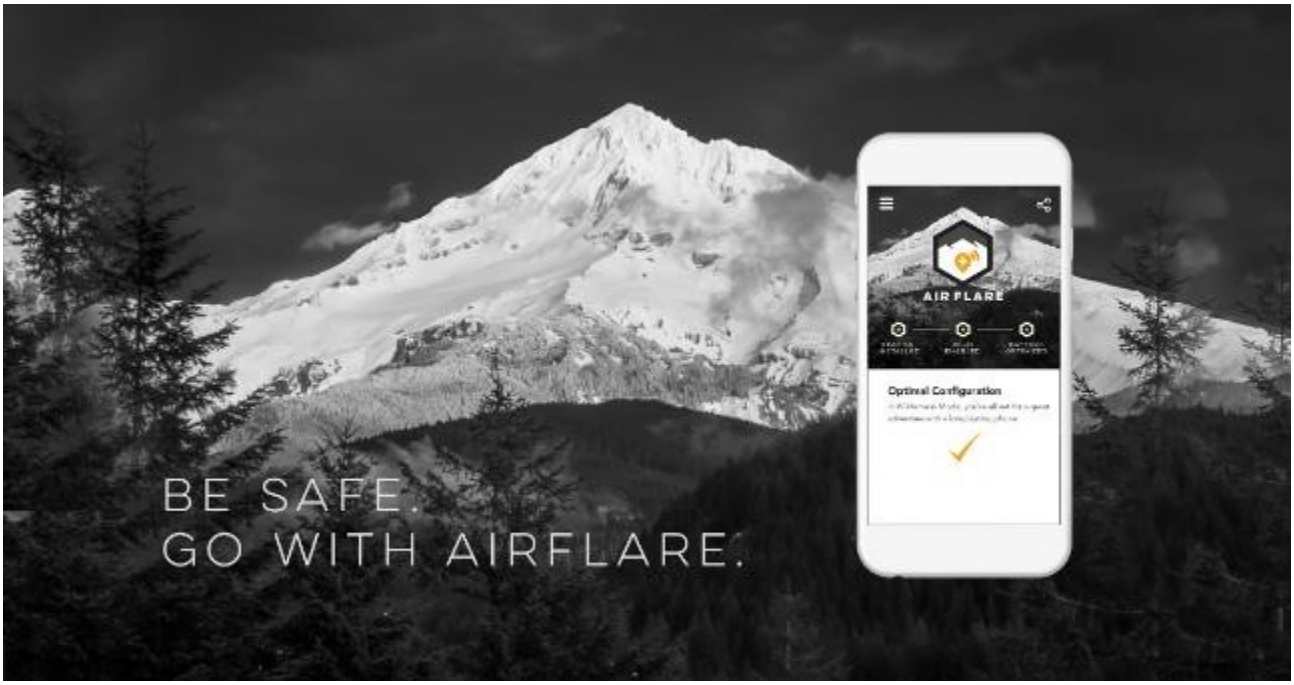
AirFlare Web Console User Guide



February 9, 2020
Field Console Version:
Android: 1.4.190604
IOS: 1.4.190604
Detector Software Version: 2.2.6

For Support:
Denis@vectorflight.com
805.794.2993

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AirFlare Web Console

Web Console is a web-based version of Field Console used by search team personnel to configure, control and manage AirFlare Search Technology from a desktop or laptop computer.

Web Console enables search team personnel to perform the most common AirFlare Search Technology operations including Registry Search, Location Return, Non-AirFlare Subscriber Location Request, and viewing lost subject GPS coordinates on a map. Web Console also communicates seamlessly with all team member instances of Field Console, enabling automatic sharing of search initiation and search result information across the entire team in real time.

Web Console *does not* interface with AirFlare Detectors. AirFlare Detector operation is facilitated via Field Console.

Web Console can be accessed here: https://vectorflight.azurewebsites.net/WebConsole/Login.aspx
Recommend bookmarking this page on all computers used in searches.

Web Console Access and Login

Access to Web Console requires a User ID and Password. If you have already been provided Web Console login information from your supervisor skip to *Login to Web Console*. Otherwise, follow the steps below.
These steps will:

1. Install Field Console to your phone
2. Authorize a Registry Search from Field Console
3. Authorize access to Web Console and provide you Web Console User ID and Password

Download AirFlare Field Console and Authorize Registry Search

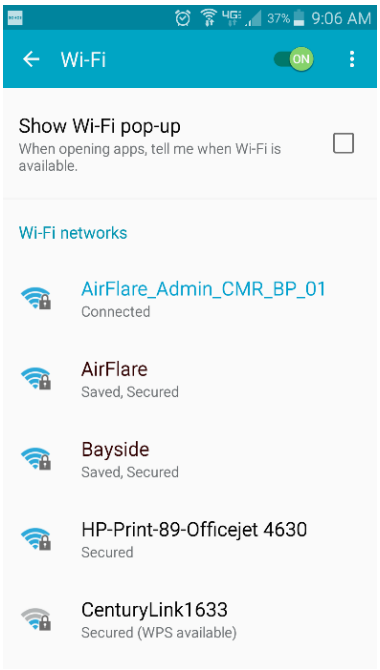
This first set of steps authorizes you to perform a Registry Search. AirFlare Registry is a database of all AirFlare beacon installations (i.e. AirFlare app installations on adventurer's phones). AirFlare Registry is accessed via Web Console or Field Console and should be checked each search to determine if the lost subject is an AirFlare subscriber (i.e. has AirFlare installed on their phone and an AirFlare Beacon installed).

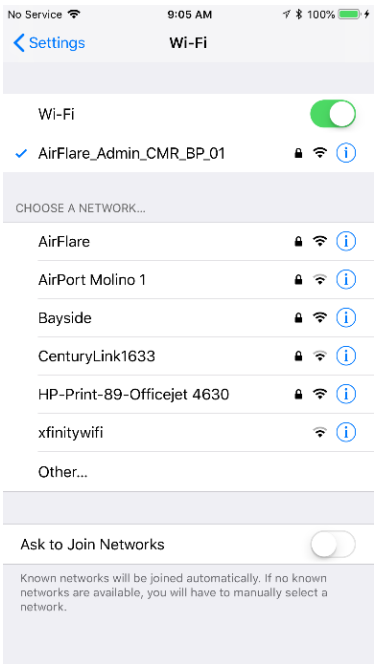
AirFlare Registry is protected from unauthorized use. Access can be gained via a simple, one-time authorization process using Field Console. If you already have an authorized version of Field Console, skip to *Enable Web Console Access*.

1. Download Field Console from Google Play or iTunes to the Search Device.

2. Power on an AirFlare Detector assigned to your team.

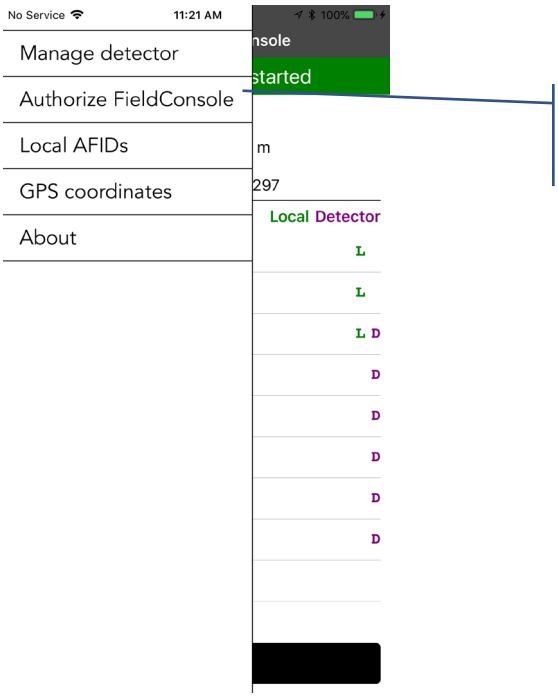
3. Connect Search Device to the Detector
    a. From the Search Device Wi-Fi Settings, connect to the Detector Admin Network. (Naming convention: AirFlare_Admin_<<Detector Name>>. For example, if Detector name is "CMR-BP-01" then Admin Network will be "AirFlare_Admin_CMR_BP_01")
    b. When prompted, enter Network Password provided with the Detector.





4. Open the Field Console app on the Search Device
    a. When Field Console is connected to Detector, the Field Console status bar will be Green or Orange and will display status text:
        i. Ready: GPS Assist Started OR
        ii. Ready OR
        iii. Assisting GPS Startup

5. Authorize Field Console



From Field Console Home Screen Main Menu select Authorize Field Console

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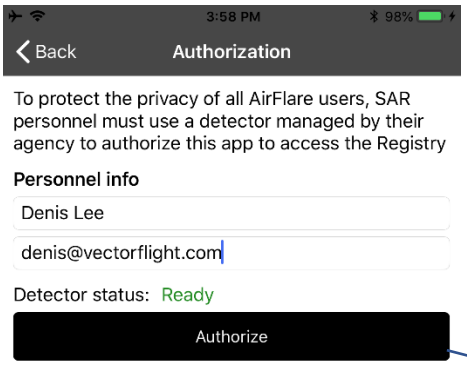
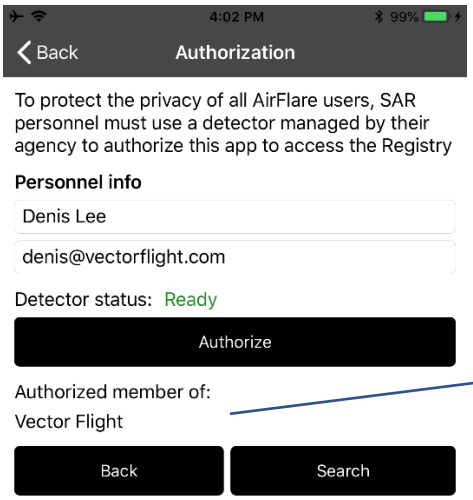


From the Authorization Screen

Ensure “Detector status: Ready” indicating you are ready to authenticate your version of Field Console against the Detector. If status is “Not Ready” ensure Search Device is connected to a Detector registered to the search team you are a member of.

Enter your full name and email address under “Personnel info”

Select “Authorize”



Field Console will indicate that you are an authorized member of your search team

Enable Web Console Access:

To enable Web Console Access, you will need to disconnect from the Detector and connect to a live network (WiFi or Cellular). You may either:

1. Turn off the Detector
2. Connect your search Device to a live WiFi network
3. Temporarily turn off your Search Device WiFi

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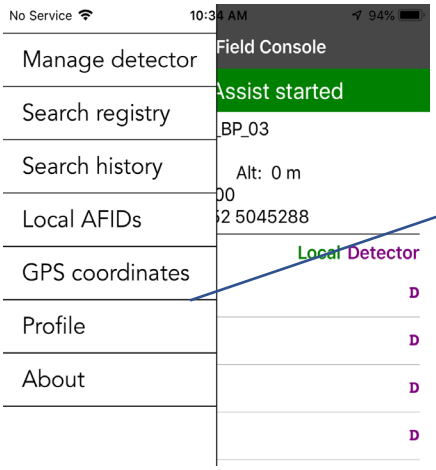
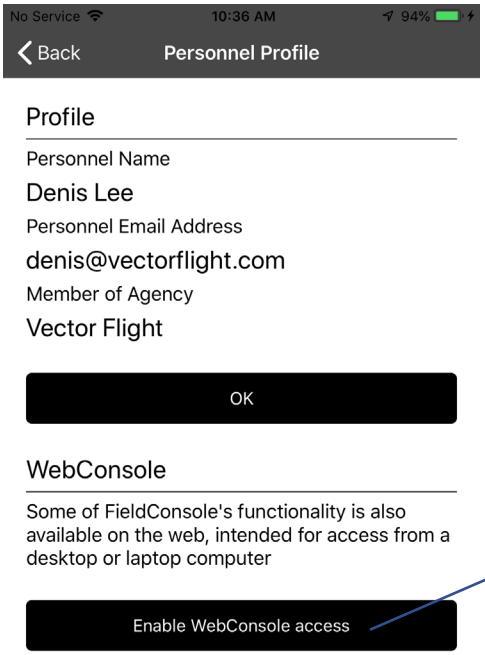
Once connected to a live network:



Navigate to the Field Console Profile page.



From the Profile page, select Enable WebConsole Access.
(You must be connected to a live network connection – cellular or WiFi)

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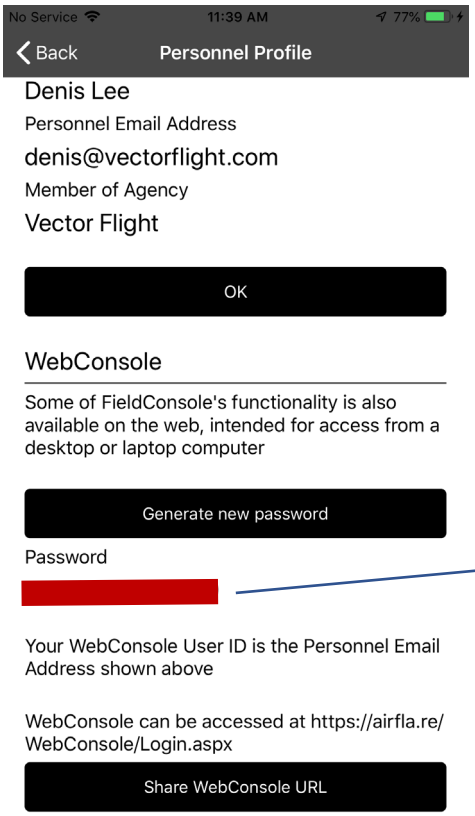


Field Console will generate a Web Console password specific to you.
Your User ID is the email address you registered to authorize Field Console

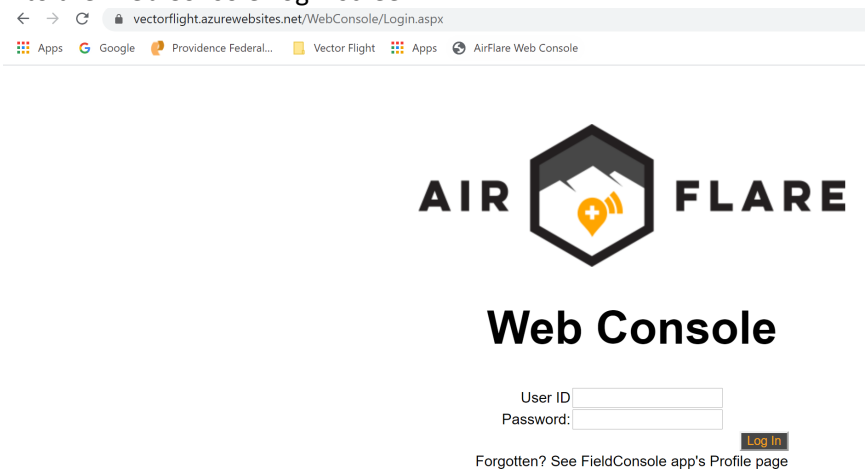
For future reference, navigate to the Profile Page of Field Console to:

1. Remind yourself the URL to access Web Console
2. Share the Web Console URL (e.g. via text or email)
3. Remind yourself your User ID and password to access Web Console
4. Generate a new password to access Web Console

Log into Web Console using your User ID and Password

1. Web Console can be accessed here: https://vectorflight.azurewebsites.net/WebConsole/Login.aspx

2. Enter your User ID (the email address you registered to authorize Field Console) and Password into the Web Console Login screen:



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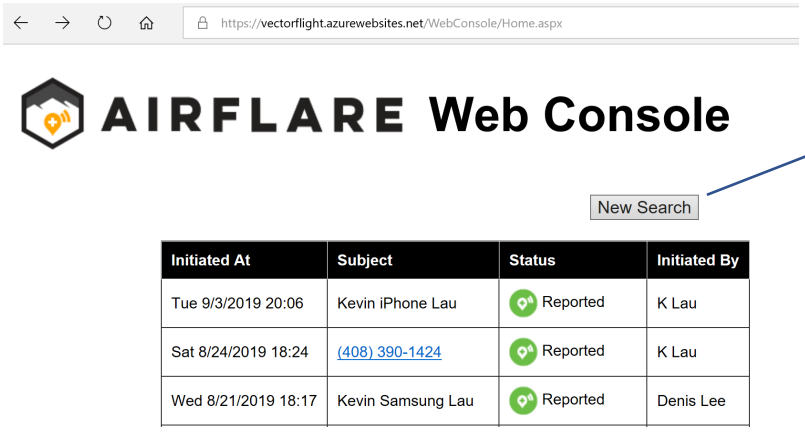
Web Console Features

Web Console enables users to:

1. Conduct a Registry Search for a lost subject
2. Initiate a Location Return Request for an AirFlare subscriber
3. Initiate a Non-Subscriber Location Request
4. Automatically view GPS coordinates on a map (when returned via Location Return Request or Non-Subscriber Location Request)
5. View recent searches initiated by all members of the search team
6. View recent Registry queries (regardless whether the queries resulted in active AirFlare searches)
7. View most active search team personnel
8. View recent personnel activations

Web Console does not enable users to connect to, access data on, configure or control an AirFlare Detector. Please use AirFlare Field Console from and IOS or Android device for AirFlare Detector operation.

Perform a Registry Search



To search the AirFlare Registry, select “New Search” from the Web Console Home Page.

Whenever possible, enter the mobile phone number or email address of the lost subject.

If not known, select “Show additional criteria” to search by name.

Select “Search”

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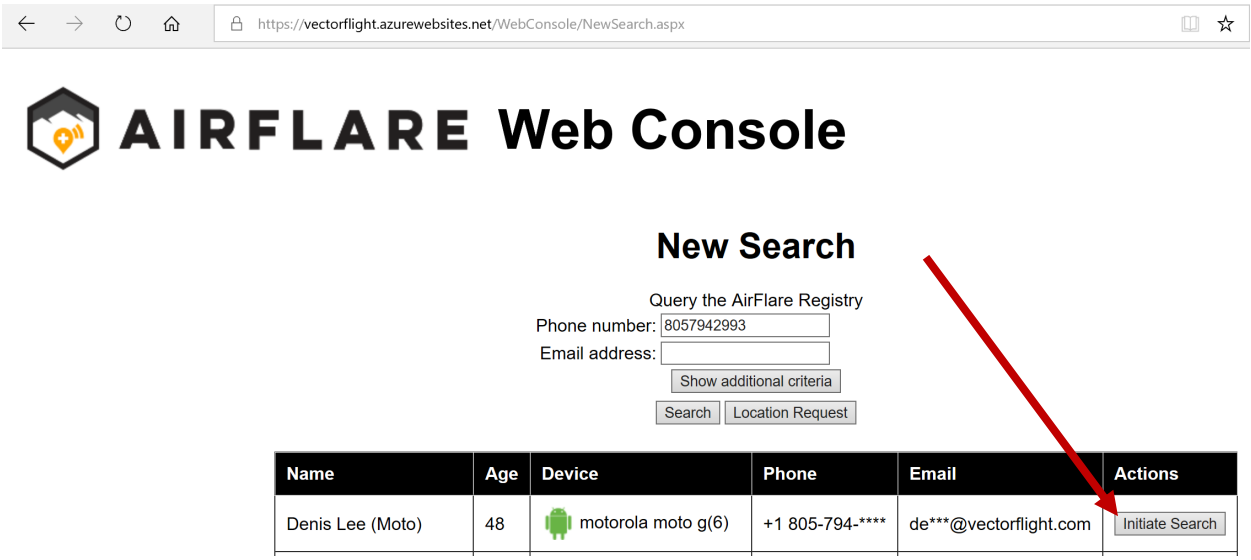
Initiate a Location Return Request for an AirFlare Subscriber

If the lost subject is in the Registry (i.e. is an AirFlare subscriber), their profile information will appear in the search results. Select “Initiate Search” to send a Location Return request for the lost subject.



This action will result in:

1. A Location Return request notification sent to the lost subject phone
2. An email sent to the lost subject informing they are the subject of a search
3. A search initiation record being created on Web Console Home Page as well as in Search History of all team members’ instances of Field Console from which the status of the search can be tracked

Initiate a Non-Subscriber Location Request

If a phone number is entered as the search criteria, select “Location Request” to send a Non-Subscriber Location Request to the lost subject’s phone. (This action can be performed regardless whether the subject is an AirFlare subscriber, but is typically performed when the subject is not).

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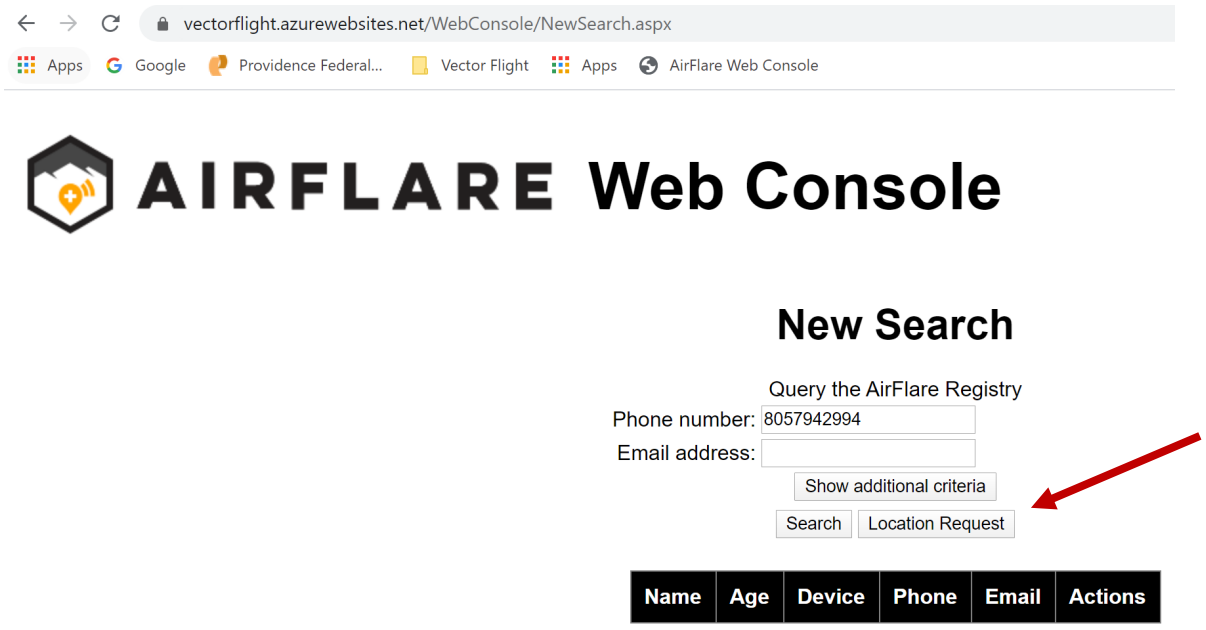
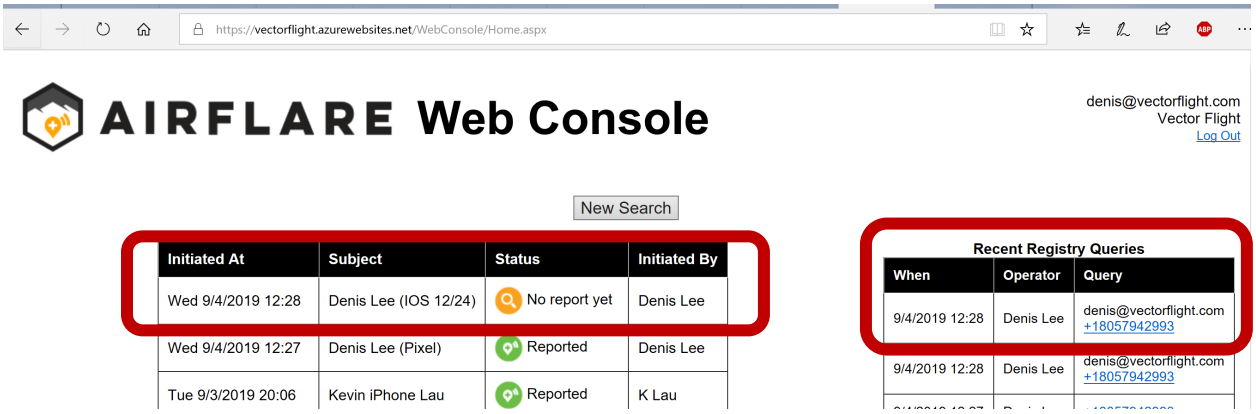


View and Monitor Search Status

Once a search is initiated, a record is created on the Web Console Home Page in the initiated searches list. A record of the query is created in the recent registry queries list regardless whether a search is initiated

:



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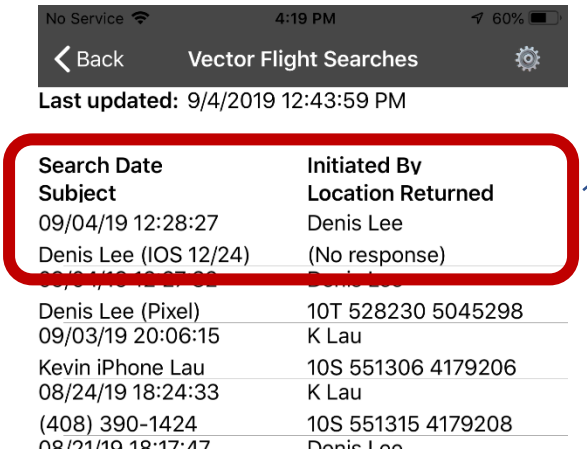
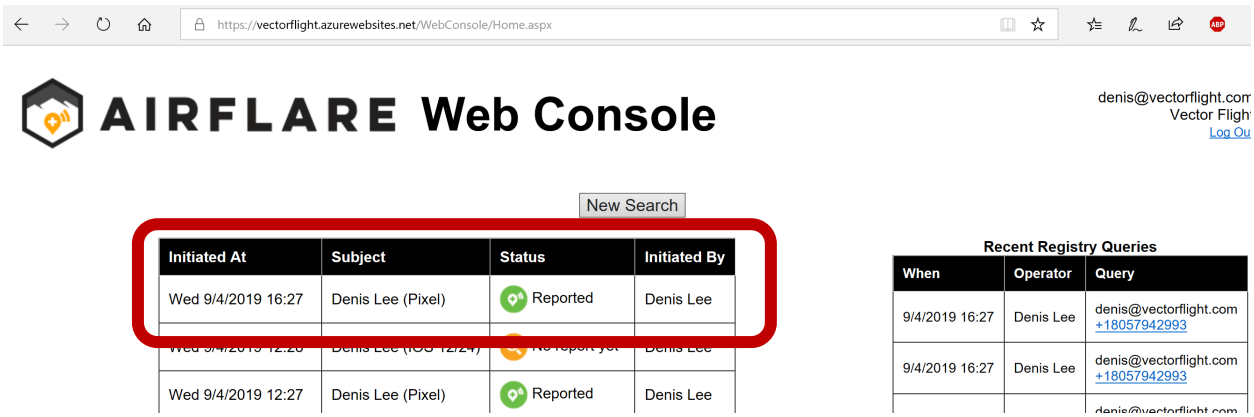


Similarly, the initiated search is added to all team member's Field Console under the Search History page.

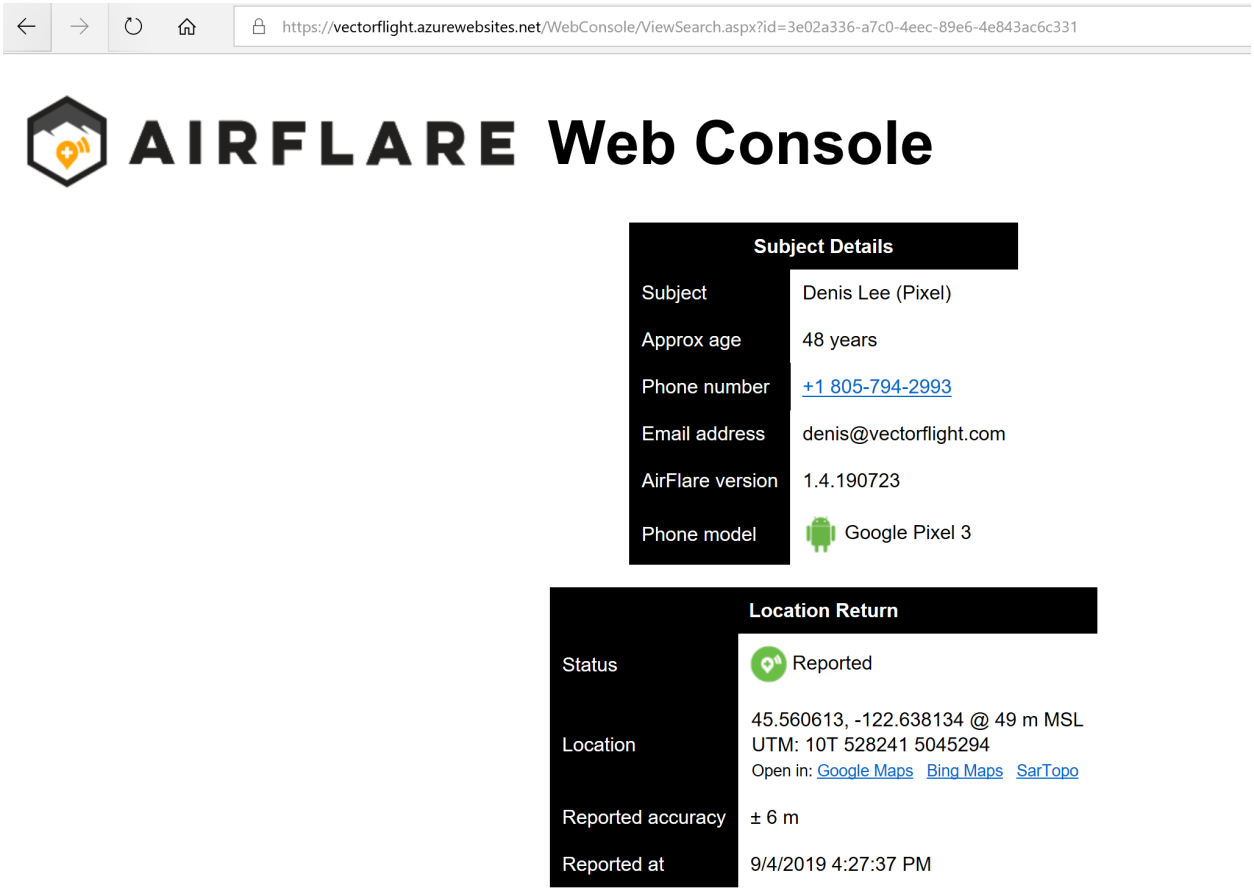
See Search Status Indicators for a list and definitions of all search statuses displayed in Web Console and Field Console.

View Search Details

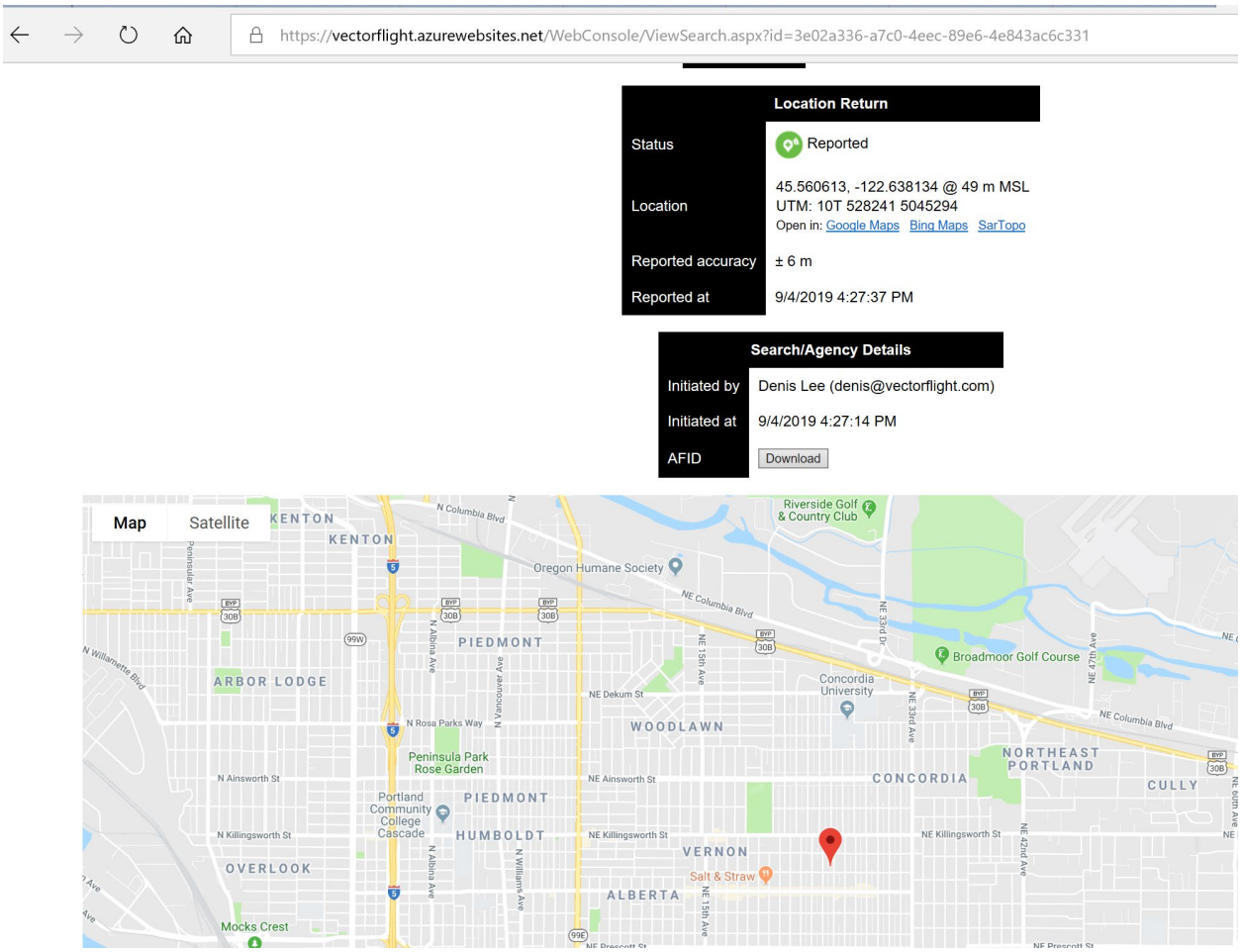
To view search results, select desired search from the Initiated Searches list from Web Console Home Page:



This opens the detail page for that specific search:



If GPS coordinates are returned for the search (via Location Return or Non-Subscriber Location Request), they can be viewed on a map by scrolling to the bottom of the Search Details page:



It is often helpful to switch the map to Satellite view from the upper left corner of the map

Web Console Troubleshooting and Search Status Indicators

Web Console displays search status indicators, providing insight into the status of a search. Web Console should automatically refresh when the status of a search changes, but periodic use of Page Refresh is recommended.

The table below defines Search Status Indicators, and identify how they appear in Web Console on the Home Screen. Field Console will display similar search status text on the Search History page.

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Search Status Indicators

Web Console	Description
No report yet	**Pertains to Location Return and Non-Subscriber Location Request** When a search is initiated, the status will be "No report yet." Once the Location Return notification is delivered to the lost subject phone, the status will change to "Delivered." If the status remains "No report yet" for longer than ~ 30sec, one of the following conditions may exist: • The phone is out of cellular service or in airplane mode • The phone is off or out of batteries If the notification cannot be delivered to the phone, it will be queued and delivered when the phone returns to a live network.
Delivered	**Pertains to Location Return Only** Indicates the Location Return notification was delivered to the phone. (I.e. the phone is on and connected to cellular or Wi-Fi).
SMS sent	**Pertains to Non-Subscriber Location Request Only** Indicates the text message was successfully sent to the cell carrier, and will be delivered to the subject phone when possible.
Viewed	**Pertains to Non-Subscriber Location Request Only** Indicates the user has received and acknowledged the text message to their phone.
Reported	**Pertains to Location Return and Non-Subscriber Location Request** Indicates GPS coordinates were successfully sent from the lost subject phone to the search team
SMS not delivered	**Pertains to Non-Subscriber Location Request Only** Indicates the SMS message could not be delivered to the intended recipient. May be due to invalid phone number, or other network or phone configuration condition
SMS send failed	**Pertains to Non-Subscriber Location Request Only** Unknown error prevented text message from being sent to subject phone.
Declined	**Pertains to Location Return Only** User received Location Return notification but declined sending coordinates back to search team.
GPS denied/disabled	**Pertains to Location Return and Non-Subscriber Location Request** Indicates phone settings preventing GPS coordinates from being returned. (Either Location setting is OFF for phone or AirFlare app settings configured to not share location).
Non-specific GPS error	**Pertains to Location Return and Non-Subscriber Location Request** Indicates unknown error returning GPS coordinates. The phone may not have GPS coordinates available to share, or other unknown / unsuspected condition is preventing GPS coordinates from being returned.
User blocked notification	**Pertains to Location Return Only** *IOS only.* Phone configured to block notifications. Preventing notifications from being delivered to the phone disables Location Return.
Error sending to device	**Pertains to Location Return Only** The Location Return notification was not sent to the lost subject device. Try again and if issue persists, contact AirFlare support.
Invalid push token	**Pertains to Location Return Only** Indicates a specific condition whereby Location Return notification is not delivered to the lost subject device. The push notification key recorded in the AirFlare Registry is not the same as (is out of synch with) the push notification key on the lost subject phone. Please contact AirFlare support if this issue persists.