

# ARAM Quick Start Guide

November, 2019

Robert Brigantic  
Nicholas Betzold  
Todd Billow  
Casey Perkins  
Natalie Heller  
Ann Lesperance  
Claudia Hilderbrand

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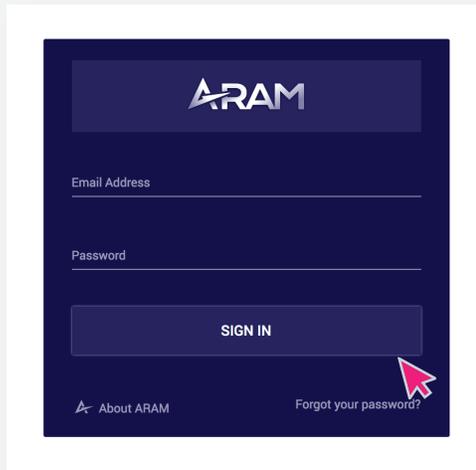
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1 Enter your username and password

Click **Login**



A screenshot of the ARAM login page. At the top is the ARAM logo. Below it are two input fields: "Email Address" and "Password". A "SIGN IN" button is centered below the fields. At the bottom left is a link "About ARAM" and at the bottom right is a link "Forgot your password?". A mouse cursor is pointing at the "SIGN IN" button.

For reference your login credentials are:

**Email**

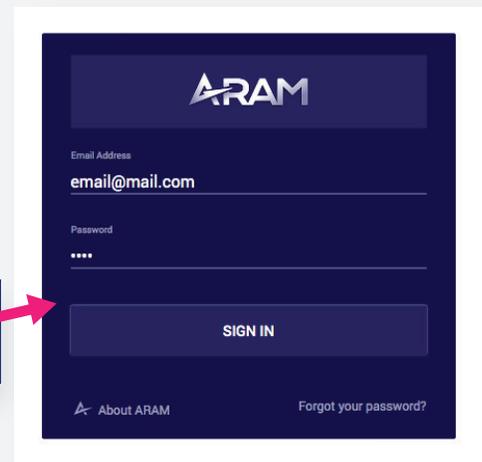
**Password**

2 An email will be sent to the account associated with your ARAM login.

Copy the security code into the ARAM Security Code field.

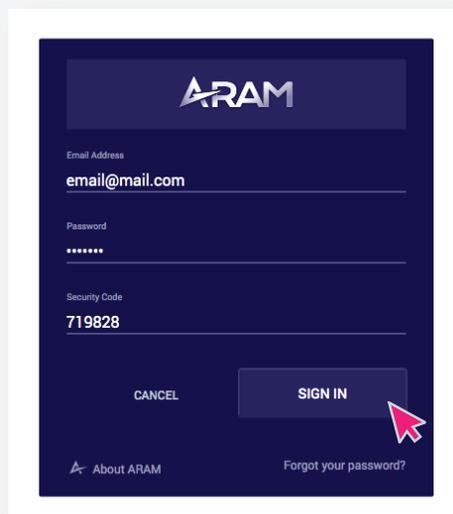


^PNNL ARAM  
ARAM Login Confirmation Code 12:00 AM  
Your security code is: 205898

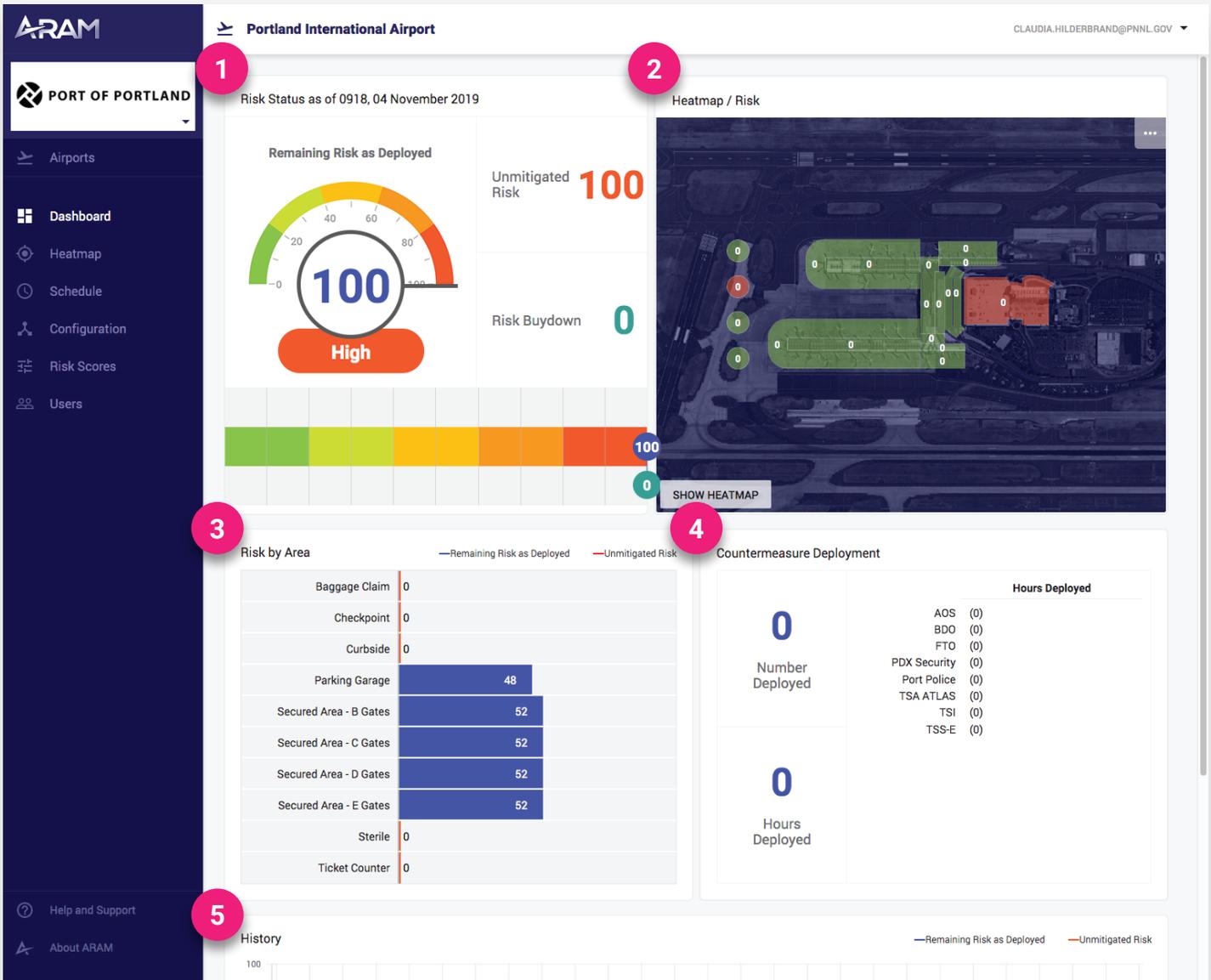


A screenshot of the ARAM login page. The "Email Address" field is filled with "email@mail.com" and the "Password" field is filled with "\*\*\*\*". The "SIGN IN" button is visible. At the bottom left is a link "About ARAM" and at the bottom right is a link "Forgot your password?". A red arrow points from the email notification box above to the "SIGN IN" button.

3 Click **Login** again to continue



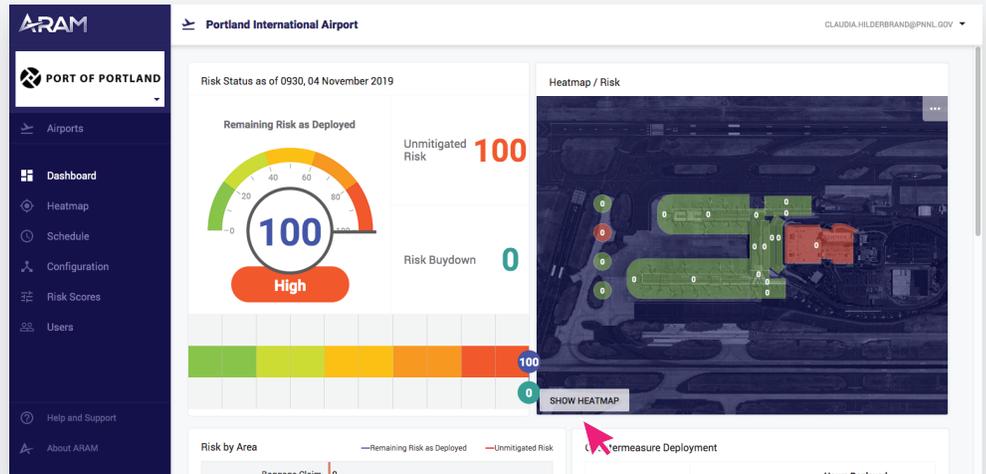
A screenshot of the ARAM login page. The "Email Address" field is filled with "email@mail.com", the "Password" field is filled with "\*\*\*\*\*", and the "Security Code" field is filled with "719828". There are two buttons: "CANCEL" and "SIGN IN". At the bottom left is a link "About ARAM" and at the bottom right is a link "Forgot your password?". A mouse cursor is pointing at the "SIGN IN" button.



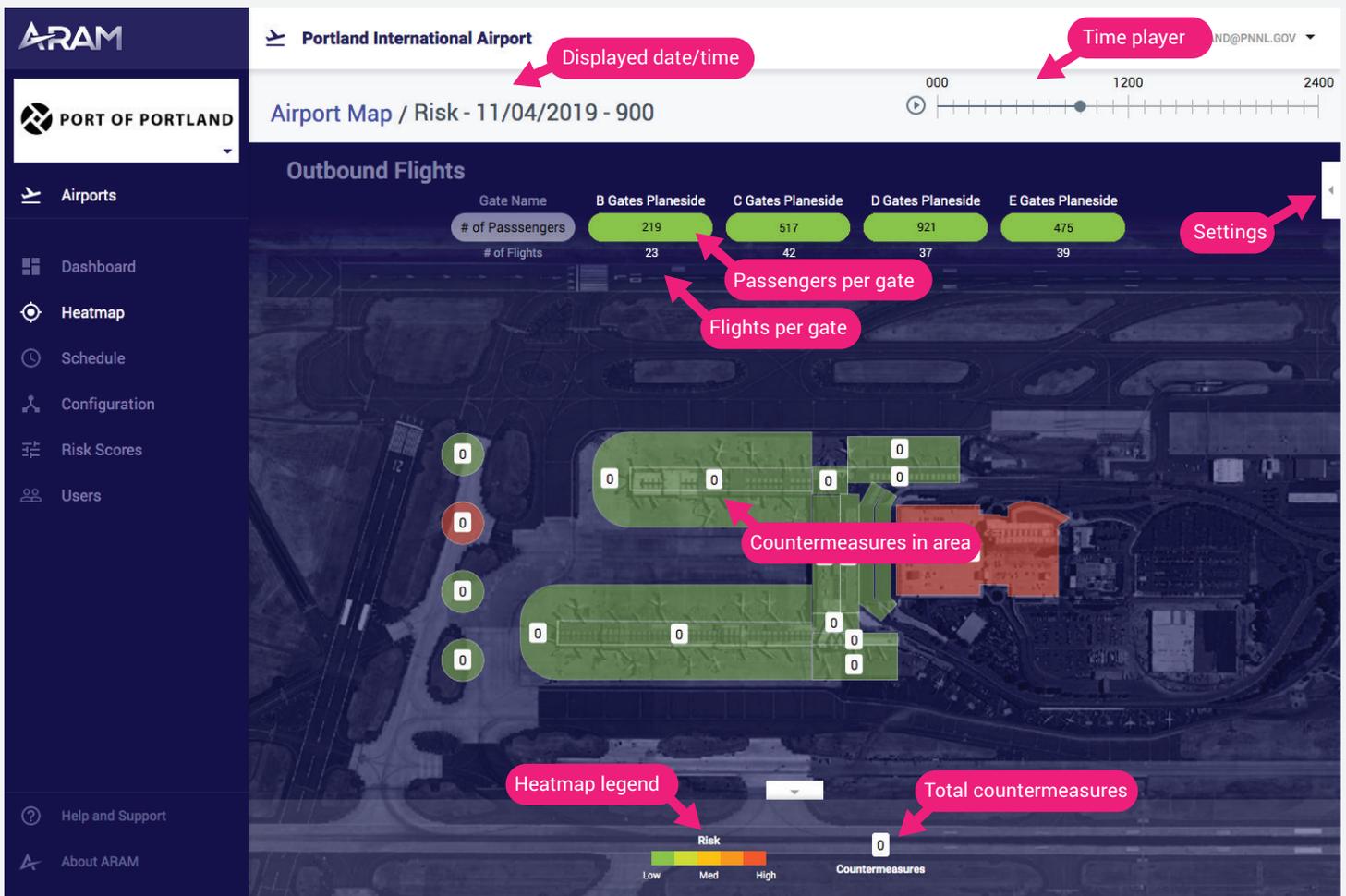
The ARAM dashboard gives you a quick snapshot of the current day's risk and countermeasure deployment profile.

- 1** The Risk Status gauge shows the current remaining risk as well as the unmitigated risk (risk before countermeasures deployed) and the amount of risk that has been bought down by the deployment.
- 2** The Heatmap snapshot gives a high-level overview of the remaining risk by area, and the number of countermeasures deployed to each.
- 3** Risk by Area displays the maximum and bought-down risk at each area.
- 4** Countermeasure Deployment shows the total number of countermeasures deployed and the number of hours each countermeasure type has been scheduled for.
- 5** The History chart displays the unmitigated risk (red line) and the remaining risk as deployed (blue line) for the past 30 days as day-by-day trend lines. The gray line represents the actual values of the risk, hour by hour.

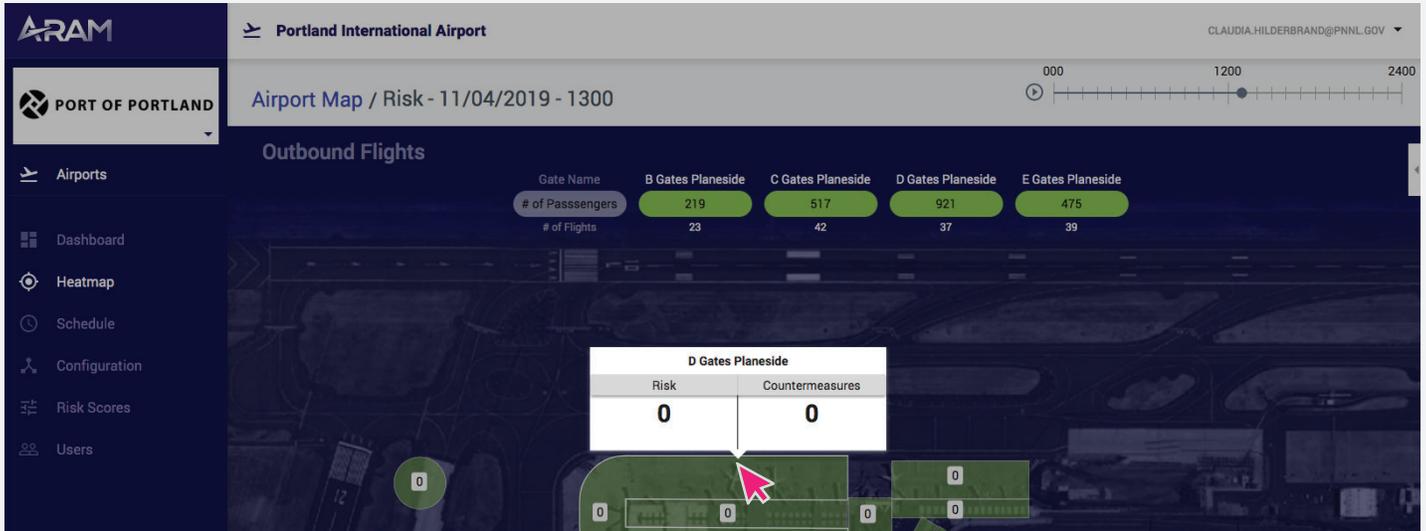
1 Click Show Heatmap from the dashboard



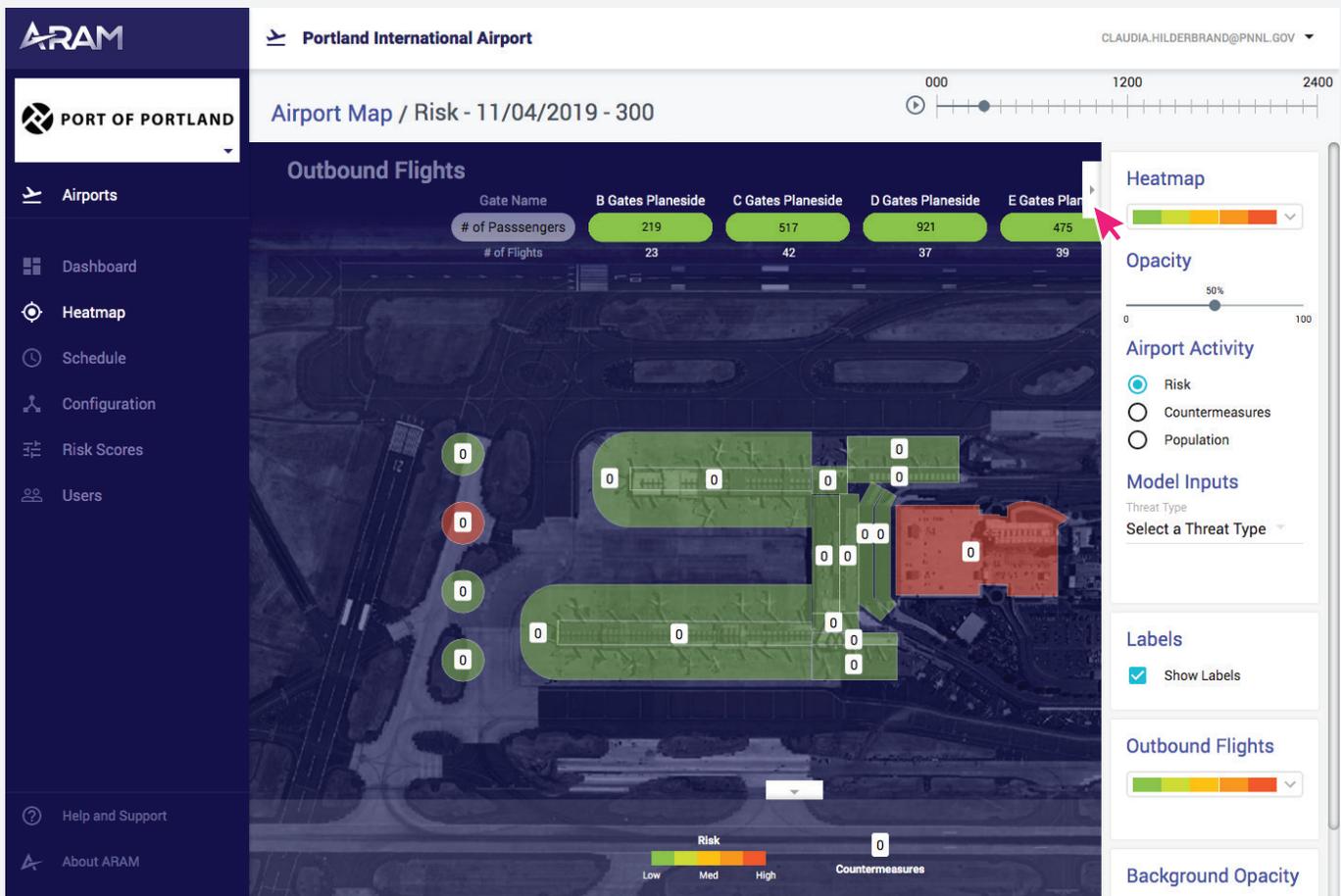
2 View heatmap



3 Click on an area to view the area name, risk score and countermeasures details.



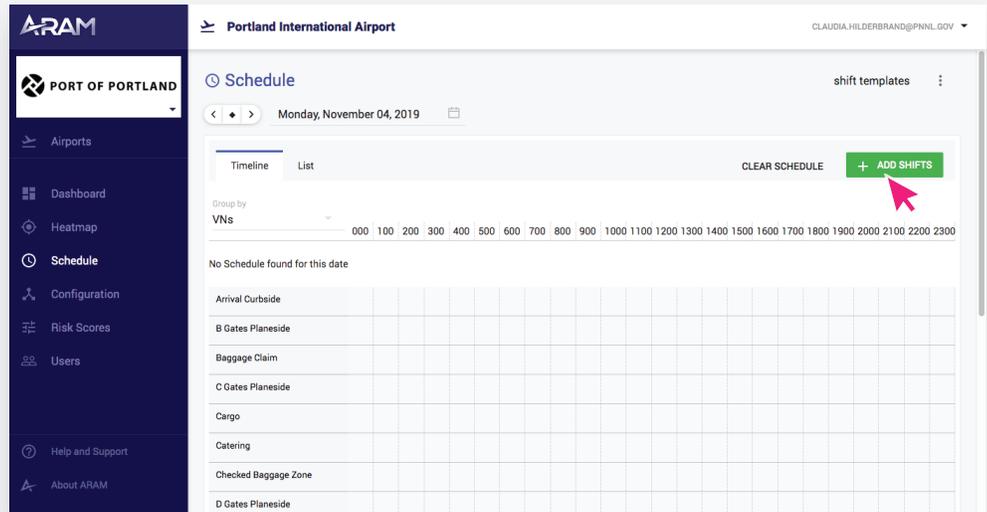
4 Click the settings tab to adjust the heatmap color scale, opacity of the background/map, and what the heatmap is measuring (Risk, # of countermeasures, passenger population).



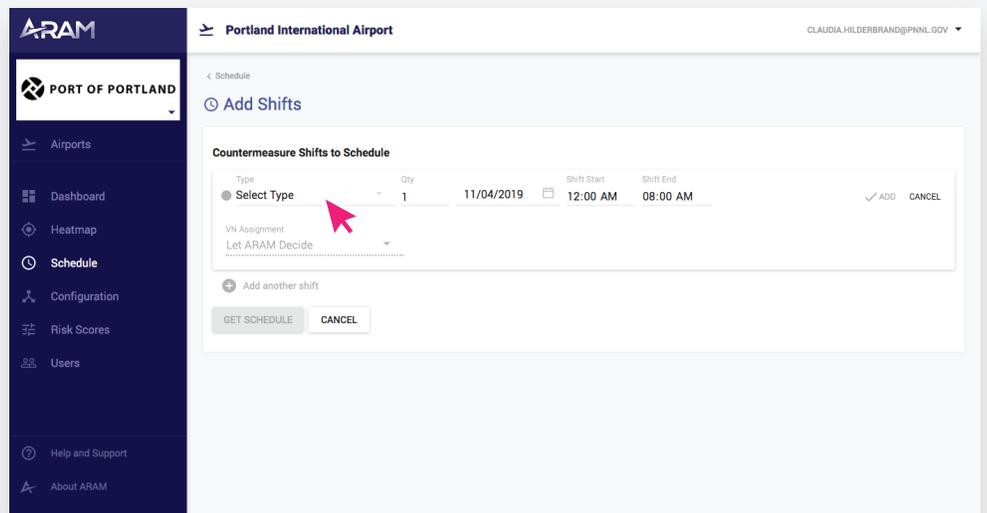
# ARAM Assigning Countermeasures to a Schedule

1 Select **Schedule** from the left navigation

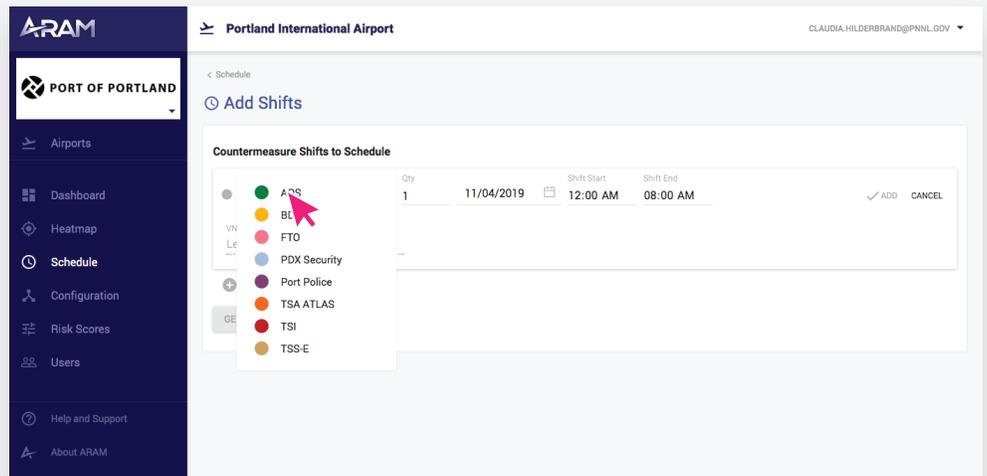
Click **+ Add Shifts**



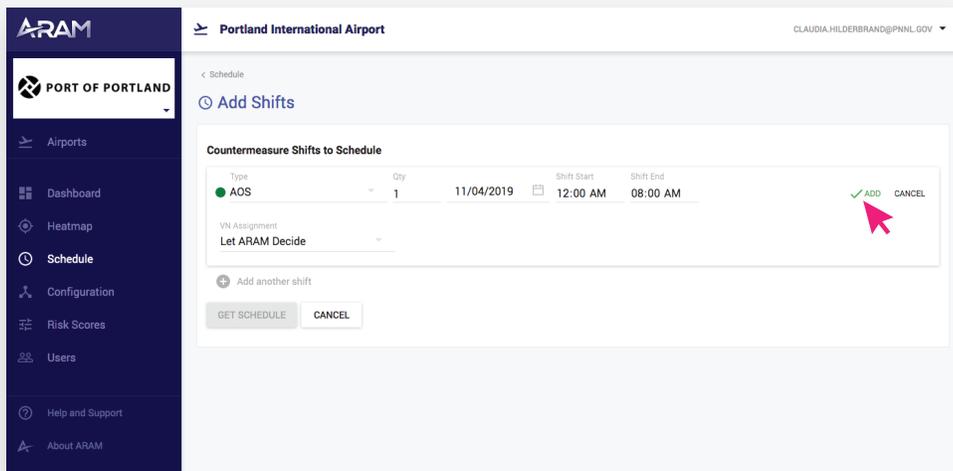
2 Edit the first shift you want to add



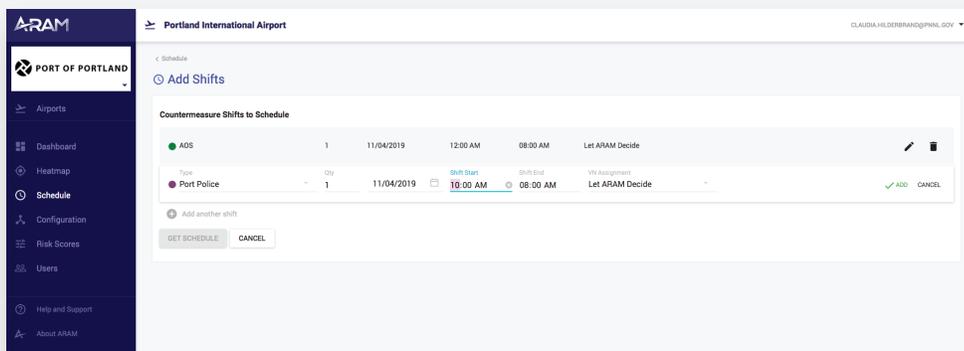
3 Select the type of countermeasure, the quantity, shift start and end and select how you want ARAM to schedule the shift.



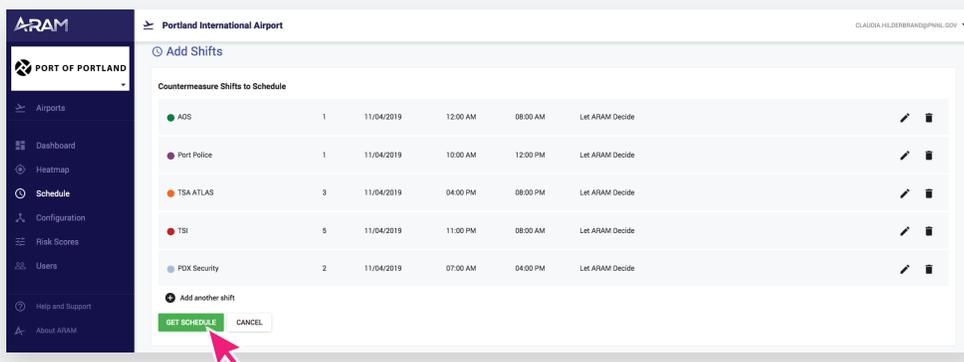
**4** Click **Add**



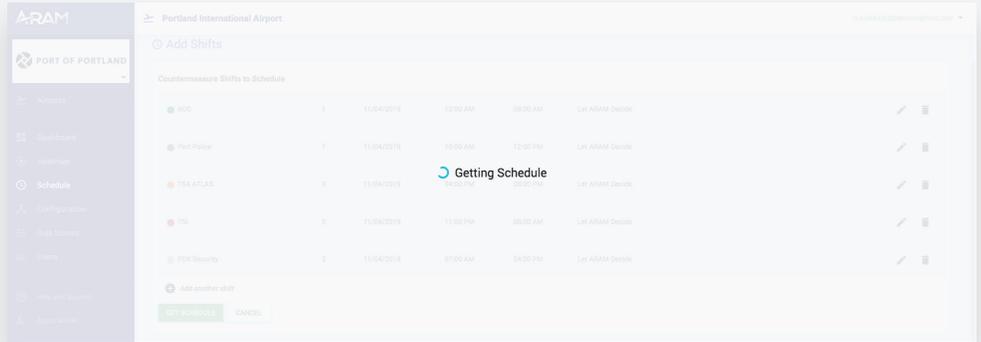
**5** Add additional shifts



**6** After you have added all of your shifts, click **Get Schedule** at the bottom of the screen.

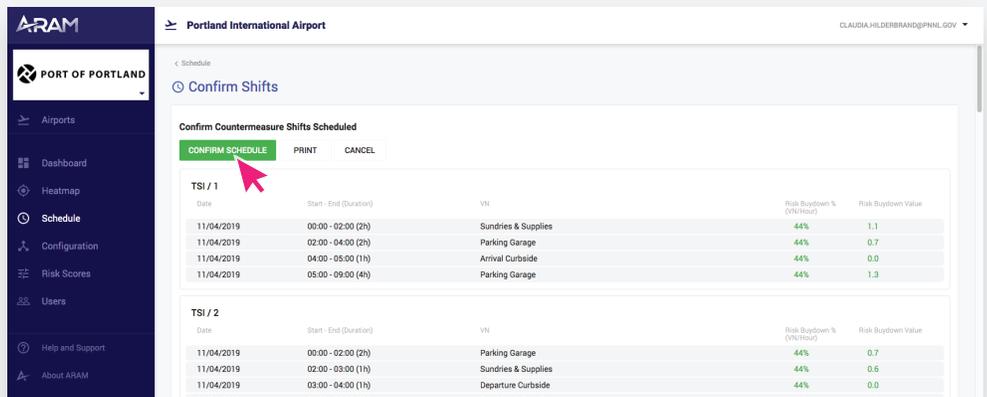


**7** ARAM will calculate the best assignments for lowering risk.

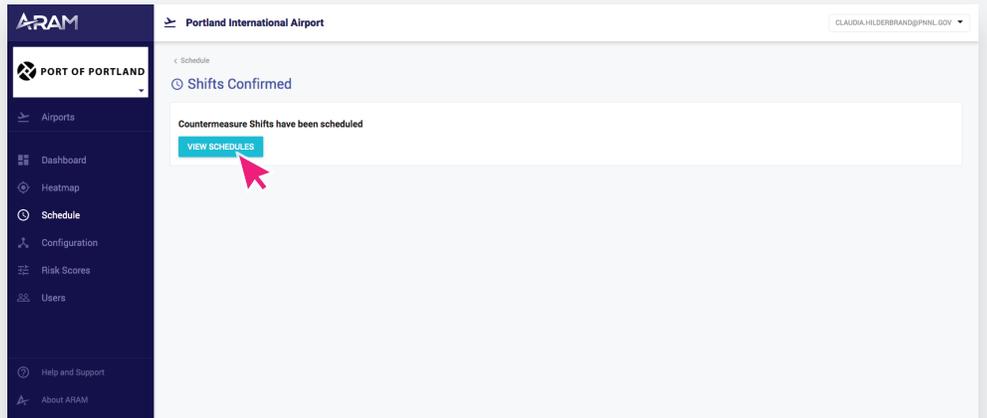


**8** Review the shift assignments

Scroll to the bottom of the screen and click **Confirm Schedule**



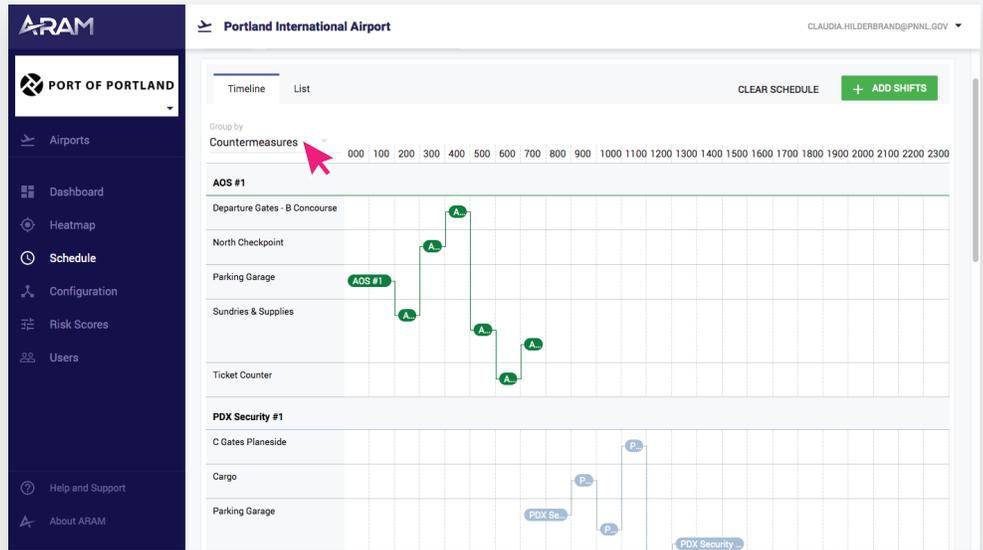
**9** Click **View Schedule**



**10** The optimized schedule will appear in timeline mode.

You can group the scheduled assignments either by area or by countermeasure type.

Click the **Group By** drop down to switch views.



**11** You can also view the assignments in a list mode.

Click the **List tab** to switch to list view.

Click on each of the headers to change the way the list is sorted.

Countermeasure	Area/VN	Arrive	Depart	Shift Start	Shift End	Type	% Risk Buydown
AOS / 1	Parking Garage	00:00	02:00	00:00	08:00	Optimized	44.00%
AOS / 1	Parking Garage	00:00	01:00	00:00	08:00	Optimized	44.00%
AOS / 1	Parking Garage	01:00	02:00	00:00	08:00	Optimized	44.00%
AOS / 1	Sundries & Supplies	02:00	03:00	00:00	08:00	Optimized	44.08%
AOS / 1	North Checkpoint	03:00	04:00	00:00	08:00	Random	44.08%
AOS / 1	Departure Gates - B Concourse	04:00	05:00	00:00	08:00	Random	44.08%
AOS / 1	Sundries & Supplies	05:00	06:00	00:00	08:00	Random	44.08%
AOS / 1	Ticket Counter	06:00	07:00	00:00	08:00	Random	44.08%
AOS / 1	Sundries & Supplies	07:00	08:00	00:00	08:00	Optimized	44.08%
PDX Security / 1	Parking Garage	07:00	09:00	07:00	16:00	Optimized	44.00%
PDX Security / 1	Cargo	09:00	10:00	07:00	16:00	Random	44.00%
PDX Security / 1	Parking Garage	10:00	11:00	07:00	16:00	Optimized	44.00%