

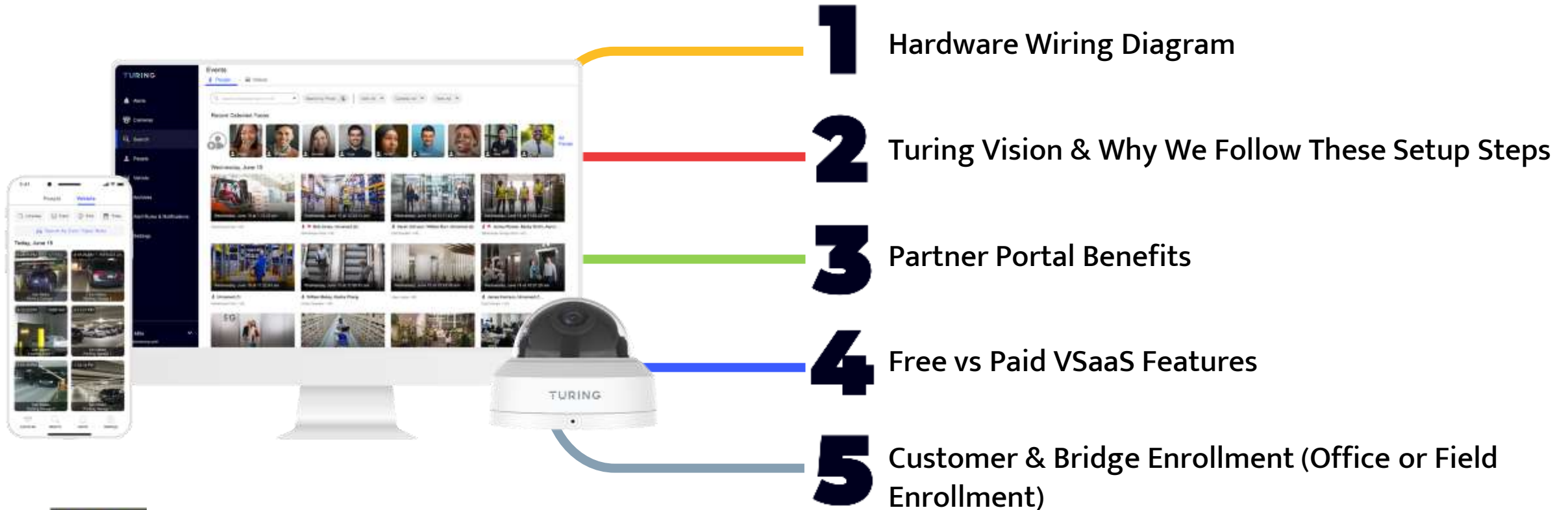
TURING

# Turing Vision Setup Process



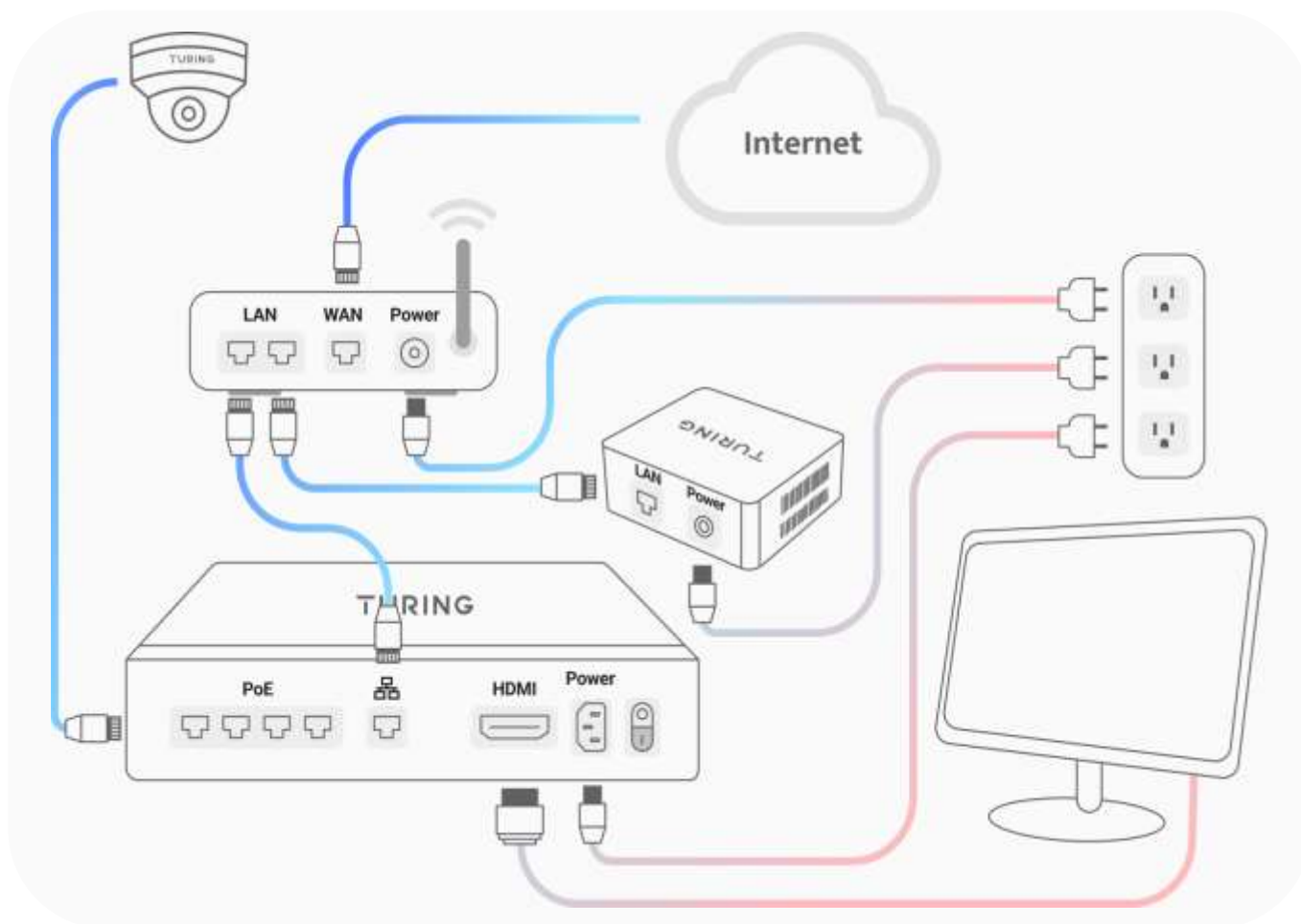
# Turing Vision

## What is Covered in this Guide?



For Videos covering this setup process, visit Turing University via the Partner Portal and explore the courses for Dealer Portal Sprint 23

# Turing Vision Hardware Wiring Diagram



## Typical System Components List

- Turing Bridge
- Turing NVR
- Turing / 3<sup>rd</sup> Party Cameras

# What Are They?

## Vision VMS & Partner Portal

**Turing Vision VMS is a Web-based platform to access live video, playback, AI events, and search & share event clips more efficiently.**

- No need to install a VMS program on any computers
- Access your cameras anywhere there is internet
- Easy-to-use VMS experience for the end user

**Turing Partner Portal is where you will manage all your Turing customers including:**

- Customer setup
- Remote management
- Device health history
- Remote firmware updates
- Remote NVR access
- & More

# Turing Vision

## Why am I Using this Guide?



The first part of the guide covers the most efficient way to setup Turing Vision for the majority of scenarios



The second part of the guide covers applying licenses, setting up AI zones, and alert rules



Proper setup of the system via the Vision Bridge (Mini PC included with the NVR) within the Turing Partner Portal will allow for remote management, remote reboot, health status, and more.

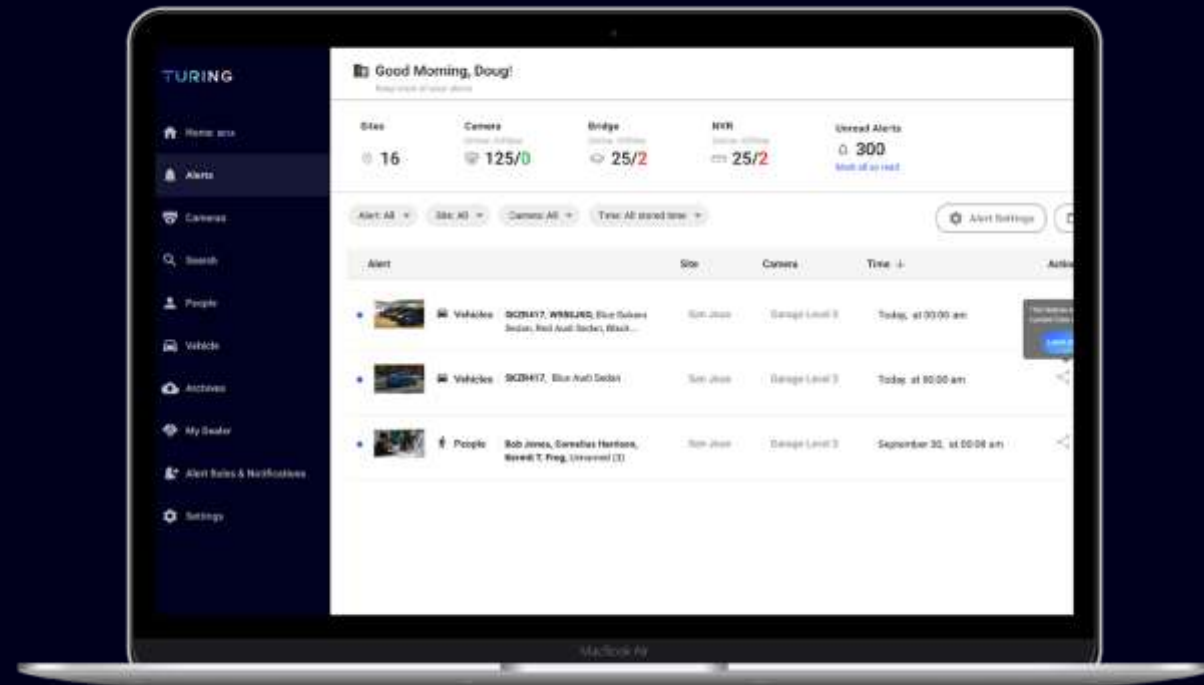
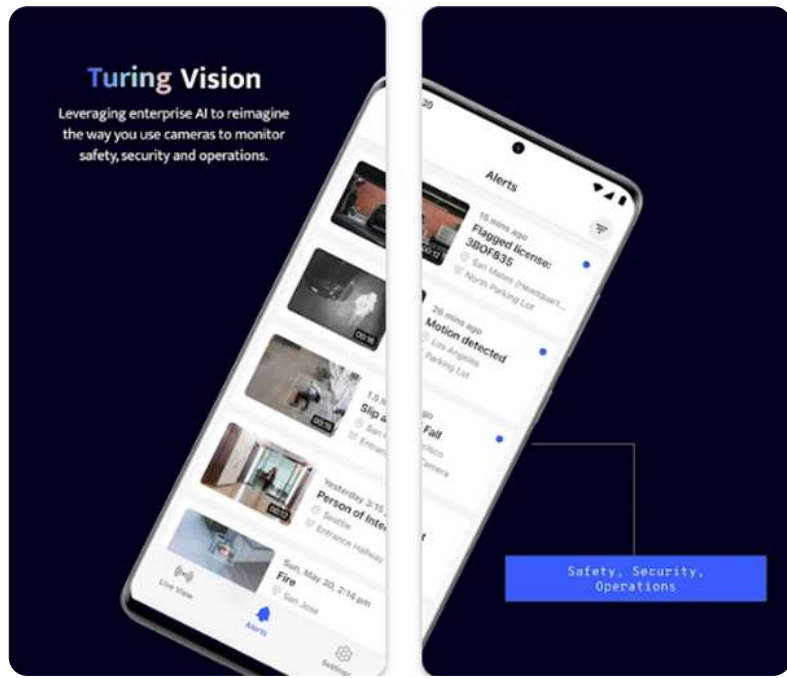
# For End User

## Turing Vision App & Web VMS

[turing.ai/login](https://turing.ai/login)

Turing Vision App  

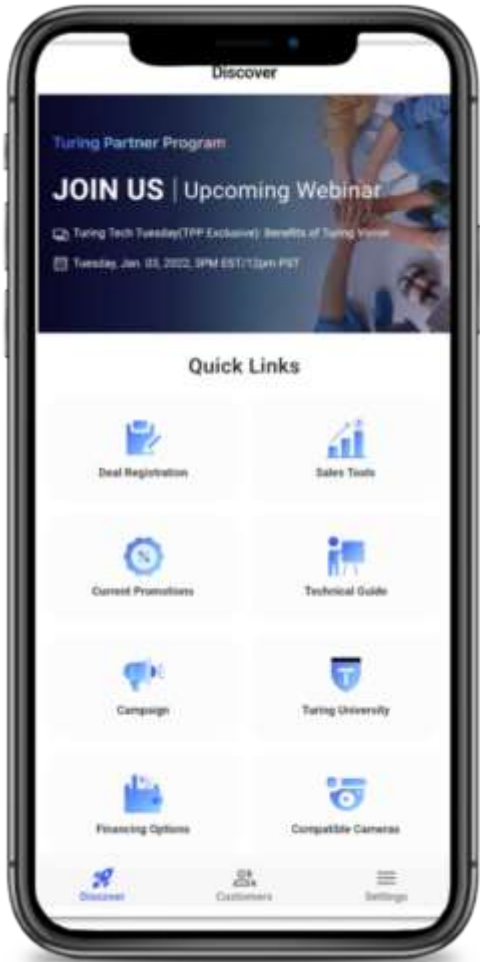
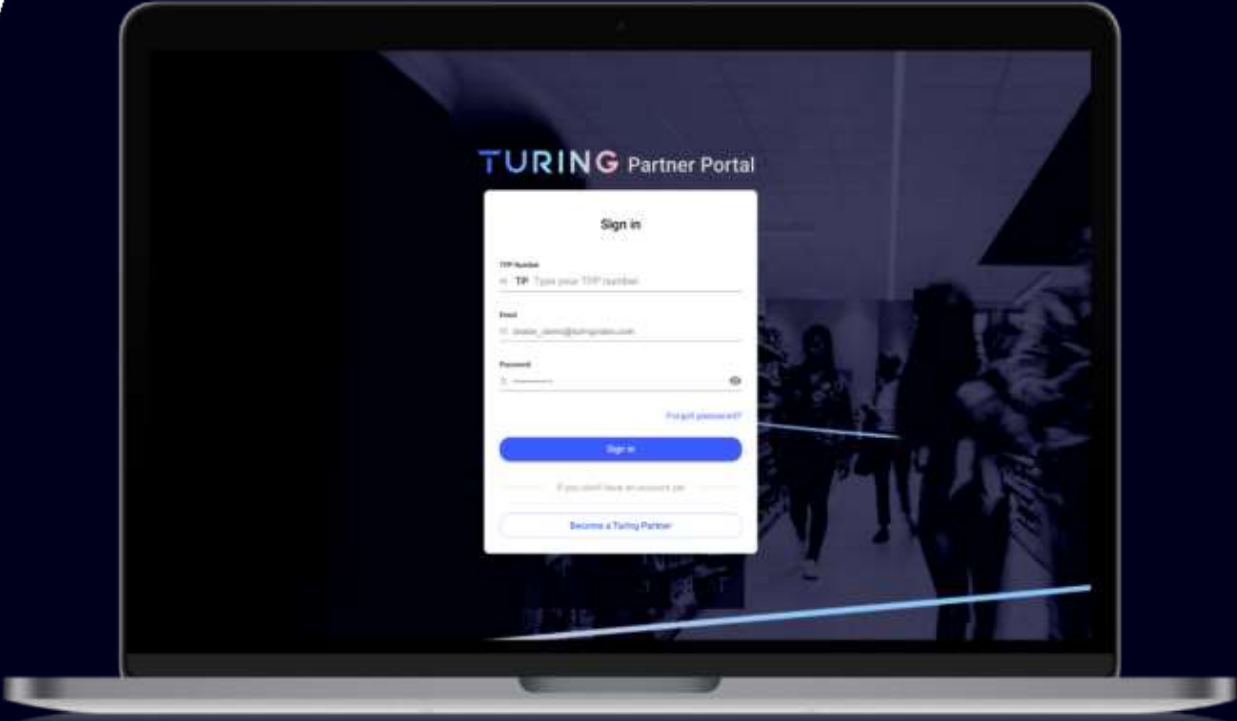
Turing Vision Web VMS



# For Dealer Partner Portal App & Web

[turing.ai/partnerlogin](https://turing.ai/partnerlogin)

## Turing Vision Web VMS



## Turing Partner Portal App

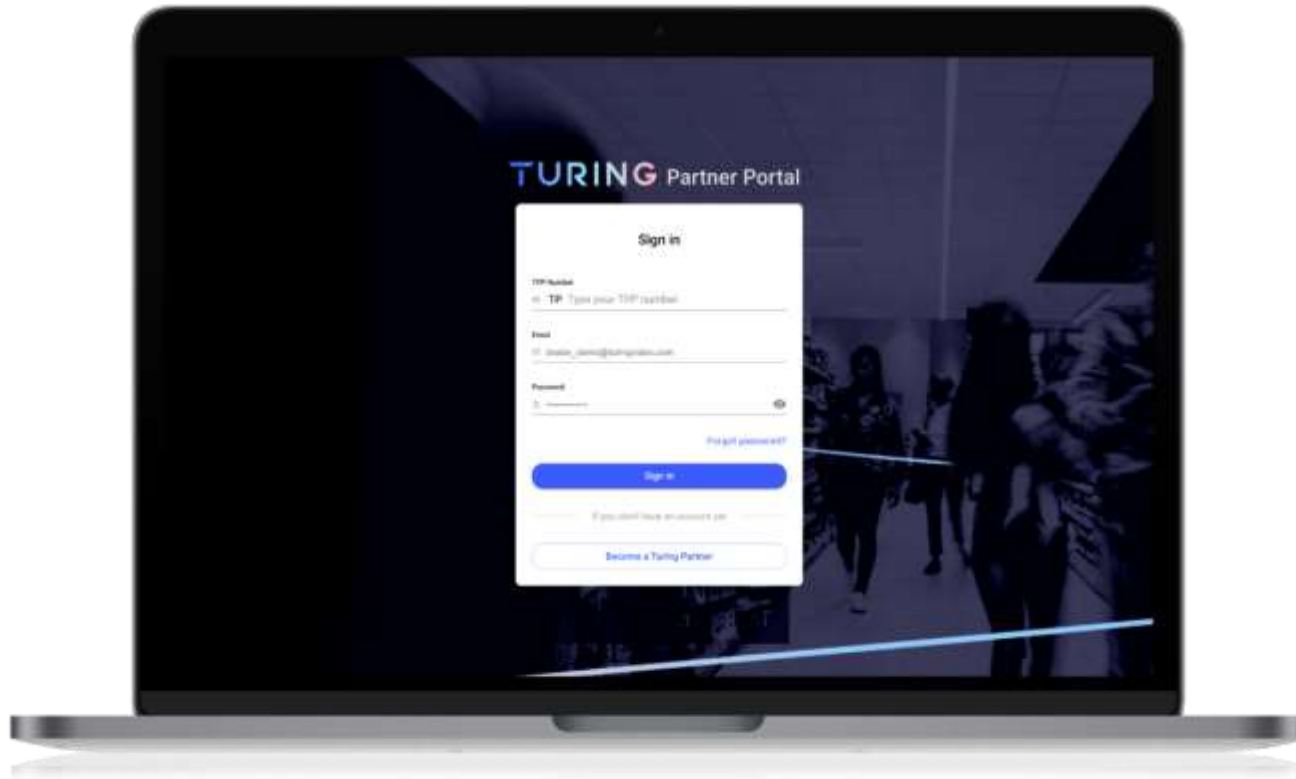


*Coming in Q2 2023*



# Turing Partner Portal Benefits

## System Integrator



- Enroll the Turing Vision systems in stages
- Unlimited partner portal logins
  - Access to Turing University for each user (included with Turing Partner Program)
  - Weekly tech training webinars at 3 pm EST every Tuesday
- No port forwarding is needed for installs
- Customer System Remote Login
- NVR Login Access via the web from anywhere
- Device Health Monitoring of all end-user systems
- Easily manage RMR and licenses
- Modify alert zones & rules on the fly remotely



# Turing Vision

## CORE AI vs Basic

### Basic (Free)

- Web-based easy-to-use VMS Client
- Live View (SD/HD)
- Playback (SD/HD)
- Download Video (SD/HD)
- Setup Human and Vehicle Alert Zones Anywhere
- Event snapshots stored for 7 days
- Human & Vehicle Alerts via Mobile App
- Motion & Event Markers on Timeline
- Health Status Dashboard
- Unlimited Users
- E-mapping of sites
- Remote firmware updates
- Device Health Status Information

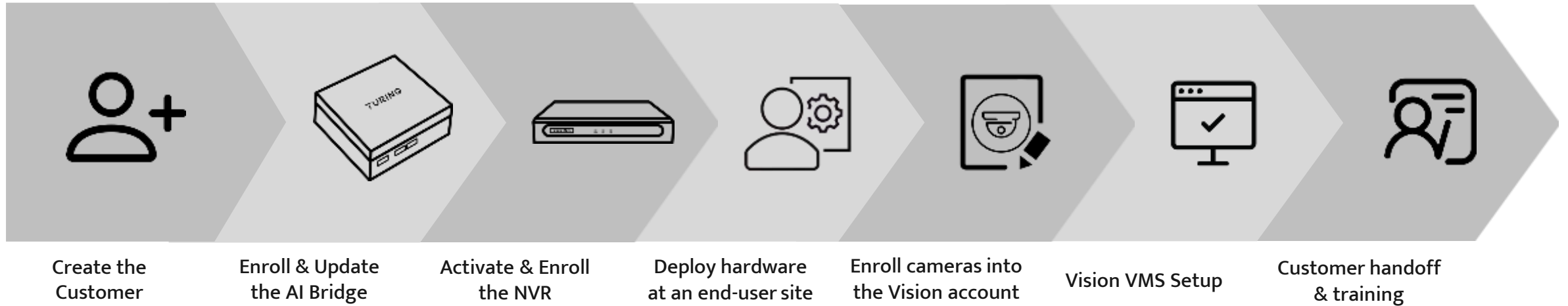
*Licensing is flexible on all systems. CORE VSaaS can be on all, some or no cameras based on the customer's needs on functionality and AI event search & alerts*

### Vision Core AI (VSaaS)

- Basic Features
- AI Event Search & Alert Rules (text, app & email)
  - Facial Comparison
  - People Attribute (Clothing)
  - Vehicle Attribute
  - License Plate
- 30 Days Cloud Event Storage (5-second clips)
- Quick Event & Clip Sharing (text & email)
- Device Health Alerts (text & email)
- Archive Footage Indefinitely to Download or Share
- Live-view Sharing

# Turing Vision

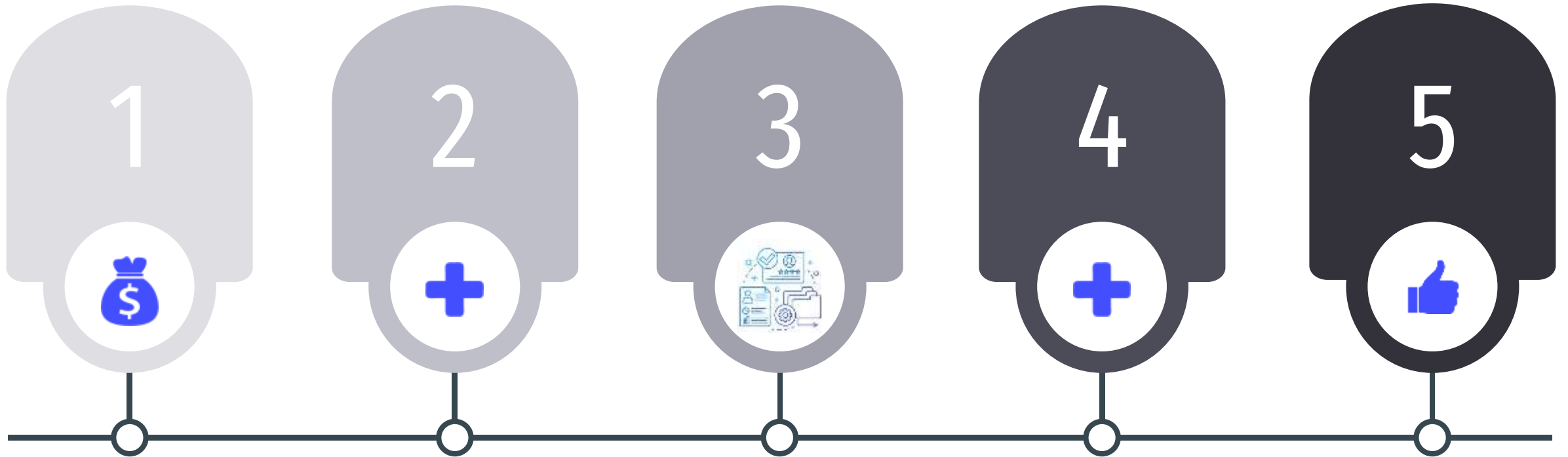
## VMS Recommended Setup Steps



1. Create the customer – can be done before any hardware arrives
2. Enroll & Update the AI Bridge – recommended doing this in the office prior to going to the site
3. Activate & Enroll the NVR – recommended to do in the office prior to going to the site
4. Deploy hardware at an end-user site
5. Enroll cameras into the Vision account once cameras are on the NVR & Add Licenses
6. Vision VMS Setup
7. Customer handoff & training

# Turing Vision

## Step 1: Create the Customer



Once a job is sold, log into your Partner Portal

Navigate to Customers and click *Create Account*

[+ Create Account](#)

Enter the information for the End User. \*

*\*This should be for who will be the primary admin for the Turing camera system once the installation is complete and the system is turned over to the End User*

Once the customer is created, click '+ Devices'. You will be transferred to the end user's temporary Vision VMS page to begin the setup

[+ Add Devices](#)

If the hardware is not yet on hand, you may exit the wizard and return later

# Turing Vision

## Step 2/3: Enroll Bridge and Activate NVR



### No Devices

There are no devices connected to this account. Add devices to get started.

To install a Turing Vision system, follow these steps:

- 1 Click **+ Add Devices** to begin.
- 2 Add devices by following the installation steps in Turing Vision. You can switch between Turing Vision and the Partner by clicking **Resume Installation** in the Partner Portal.
- 3 Assign Core AI licenses to the cameras. [Learn more about Core AI.](#)
- 4 After installing your customer's system, click **Installation Complete** to send them an email to activate their account. Once the invite has been sent, you cannot change their email addresses, so make sure they are correct.

**Did you know?**

After your customers' accounts have been activated, you can click **Request Full Admin Access** to get access to their accounts for configuration and troubleshooting.

- Basic Preferably perform this step in your office to ensure a good internet connection for initial updates
- Connect NVR (network side) and Bridge to your network and power on
- If you did the 'Create Customer' step previously and exited out, to get back into the enrollment wizard, within the Dealer Portal go to:

- Customers -> 'customer name'

-> **+ Add Devices** or **Resume Installation**

- If you are not taken to the wizard, once on the customer's Vision VMS navigate to:

- Settings -> Devices -> **+ Add Cameras**

# Turing Vision

## Step 2/3: Enroll Bridge and Activate NVR (Cont.)



**Create Your Site**  
A site is the location of your NVR and cameras that will be linked to the Turing bridge device.

Create a new site

OR

Select an existing site

Confirm

---

**Add Bridge** ✕

Step 1 / 2: Verify Bridge MAC Address

Once you press "Next", the bridge will be connected with your account. You can disconnect it in [Settings > Devices](#).

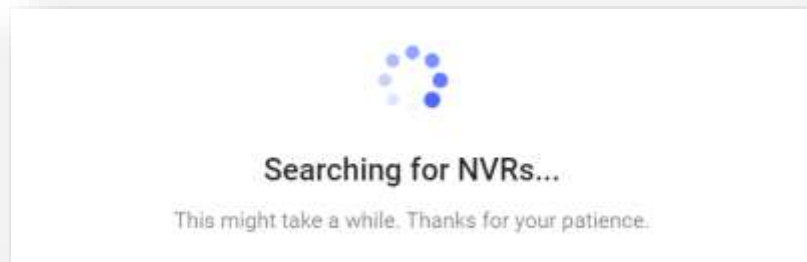
:  :  :  :  :

Cancel Next

- Follow the Setup Wizard
- Create your customer's Site (this name can be changed later) and click
- Add your Bridge via the MAC address on top of the Bridge
  - Perform both Software and Firmware updates as needed
- The Bridge will search for the NVR on the same network
- Select the NVR to be added

# Turing Vision

## Step 2/3: Enroll Bridge and Activate NVR (Cont.)



**Add NVR**

Step 2/2: Enter username and password to validate

NVR: 210235XC5MF218000033

*Enter the username and password of your NVR, not your user account*

NVR Username\*  
admin

NVR Password\*  
Enter your NVR Password

- Once the NVR is found on the network, you must create a password to activate the NVR
  - Note, if only 1 password blank is below the 'admin' username, this means it is on an older firmware version. Use the default password '123456' to continue and change the password later via the NVR
- The NVR will reboot after activation and then will search for cameras on the NVR.
  - If you are activating the Bridge and NVR prior to installation at your office, you may stop here until on-site. Allow the NVR to reboot (approximately 90 seconds), power the Bridge and NVR down, pack the back into the box and label for the upcoming job

# Turing Vision

## Step 4: Deploy Hardware



Camera configuration interface showing a table of cameras and various settings.

No.	Camera ID	Address	Port	Remote Camera ID	Protocol	Status
1	D1 (Garage)	192.168.2.38	80	1	Private	✓
2	D2 (Driveway)	192.168.2.34	80	1	Private	✓
3	D3 (Back Pa...	192.168.2.35	80	1	ONVIF	✓
4	D4 (License ...)	192.168.2.36	80	1	Private	✓
5	D5 (Side Yard)	192.168.2.37	80	1	Private	✓

Exposure configuration interface showing various settings.

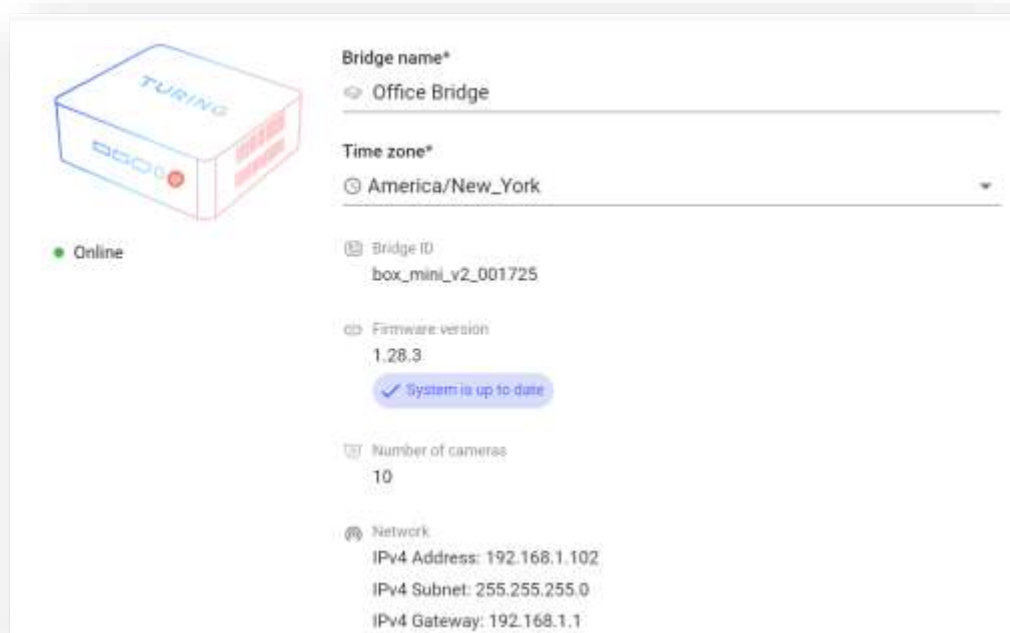
Exposure Mode: Automatic  
Shutter(s): 1/50  
Gain(dB): 0  
Slow Shutter: Off  
Slowest Shutter: 1/12

Compensation: 0  
Day/Night Mode: Automatic  
Day/Night Sensitivity: Medium  
Day/Night Switching(s): 3  
WDR: On  
WDR Level: 5

- Connect NVR and Bridge to the customer's network
- Install cameras and bring them into the NVR
  - New cameras with Plug-n-Play NVRs will auto-populate cameras as they are plugged into the PoE side of the NVR
  - For 32/64 Channel NVRs, you will need to log into the NVR via a monitor or web browser, navigate to the Camera's menu and then click Add Cameras. New cameras will be automatically assigned an IP address
  - Once all cameras have been added to the NVR, click the Advanced tab and Batch Update the password on all Turing cameras to ensure a difficult password is used
- Tweak settings as needed
  - Turn WDR on
  - Adjust Framerate
  - Adjust Image Settings

# Turing Vision

## Step 5: Enroll Cameras into Vision & Licensing

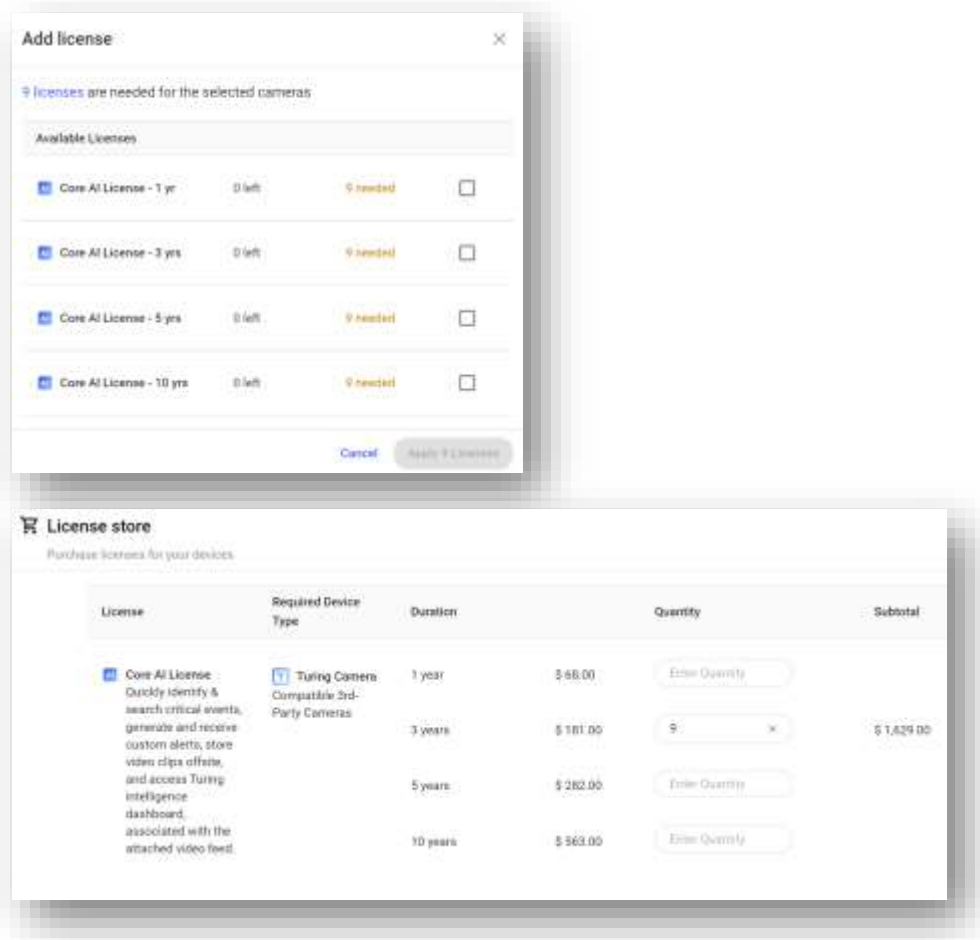


- Return to the dealer portal, go to your customer and [Resume Installation](#)
- To resume the Install Wizard, go to Settings -> Devices -> [+ Add Cameras](#)
- Choose the existing site, bridge and choose the NVR and enter the password
- The wizard will then search for all the cameras on the NVR currently, once found you can rename the cameras if desired or it can be done later
- **IMPORTANT!** – Set the time zone to the correct area. For East Coast, use New York instead of Eastern. New York will account for daylight savings



# Turing Vision

## Step 5: Enroll Cameras into Vision & Licensing (Cont.)



- After the cameras have been added, click **Add Licenses**
  - You will be brought back to your Customers page within the Dealer Portal
- Select your customer and click **Add Licenses**
- Select All or individual cameras to apply licenses to and click **Batch-add Licenses**
- Select the correct license from your license pool previously purchased
  - If you have no licenses in your pool, licenses can be purchased through Distribution and license file applied in License Pool
  - **OR** Dealer Portal Admin users can purchase licenses at the Add License pop-up **Purchase 7 License** or through the License Store within the Dealer Portal

# Turing Vision

## Step 6: Vision VMS Setup



Devices	Status	Type	Subscription
Fairbrother Residence - Fort Mill, South Carolina			
Bridge: Office Bridge	Online		
NVR: TR-MR32R	Online		
Back Patio	Online	Third Party	CORE AI Expires on 06-30-23
Back Yard	Online	Turing-VI	CORE AI Expires on 05-15-23
Driveway	Online	Turing-VI	CORE AI Expires on 02-15-23
Front Door	Online	Turing-VI	CORE AI Expires on 01-14-24
Front Yard	Online	Turing-VI	CORE AI Expires on 03-15-23
Garage	Online	Turing-VI	CORE AI Expires on 06-05-23
License Plate	Online	Turing-VI	CORE AI Expires on 05-15-23
Side Patio	Online	Turing-VI	CORE AI Expires on 01-15-23
Side Yard	Online	Turing-VI	CORE AI Expires on 03-15-23

- Go into your customer in the Dealer Portal and click [Resume Installation](#)
- Go to Settings -> Sites -> Click on the Site and input the address
- Go to Settings -> Devices -> Update all Devices as needed
  - Hover over the bridge and click on the
  - Ensure the time zone is correct
  - Hover over a camera and click the on the first camera
    - Rename the camera
    - Setup and enable analytic zones
      - Intrusion Zone – target must be in the zone for (x) seconds before triggering
        - Ideal for parking areas and people zones
      - Enter Area – triggers event as soon as the defined target type enters the zone
        - Ideal for roadway traffic and close-up people zones for closer face capture
- Save Changes

# Turing Vision

## Step 6: Vision VMS Setup (Cont.)

### Audio Settings

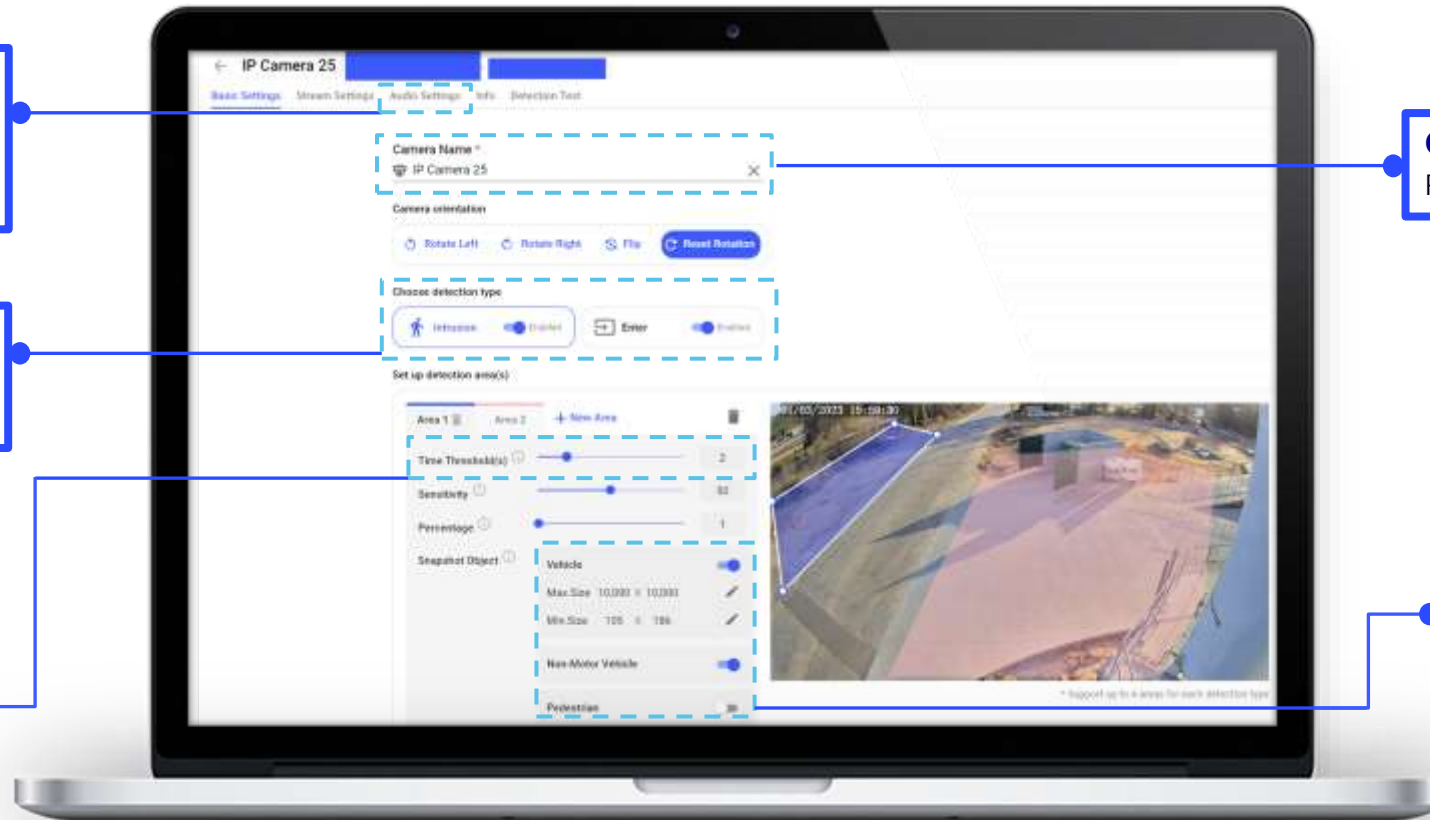
Turn microphone audio on/off (with compatible cameras).

### Detection Type

Select Intrusion and/or Enter Area zones.

### Time Threshold(s)

Select Time Threshold. 2 seconds or more is ideal.



### Camera Name

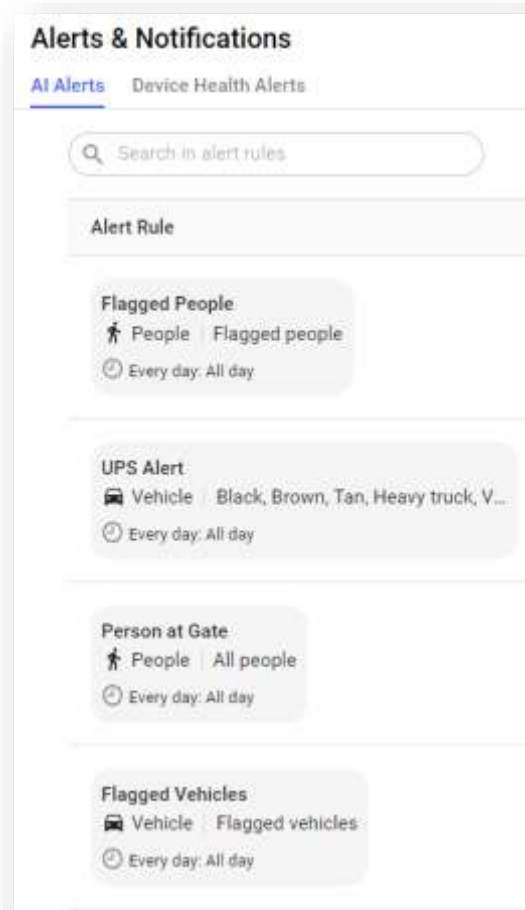
Rename Camera

### Vehicle

Select Target Type. Often a zone for people and a zone for vehicles give the best results.

# Turing Vision

## Step 6: Vision VMS Setup (Cont.)



- **Navigate to Alerts & Notifications**
  - Create people & vehicle-based rules.
    - Use rules to generate alerts based on what the customer is wanting to be aware of. Notifications are sent via email, text, and/or app alerts
  - **Examples of rules:**
    - All People Alerts between 10 pm and 6 am
    - Flagged people (from flagged people group)
    - Flagged license plate
    - Alert on Red Pickup Truck at Main Entrance
- **Click Device Health Alerts**
  - Set recipients (text and/or email) on *Device Health Alerts*

# Turing Vision

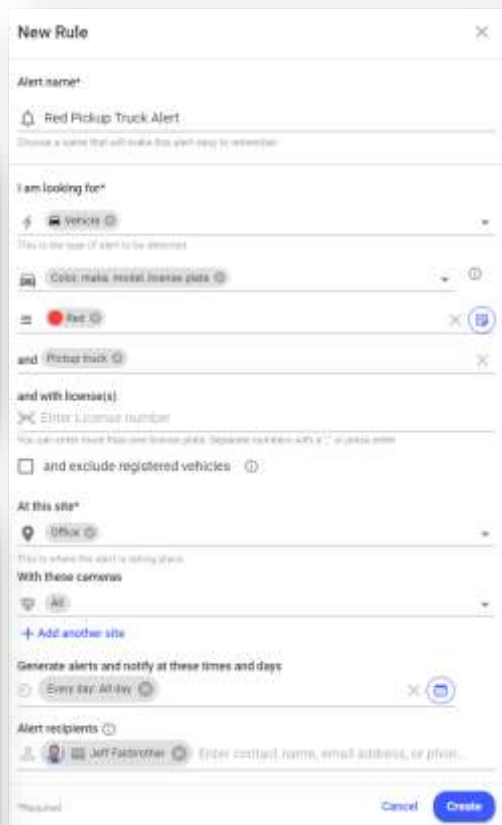
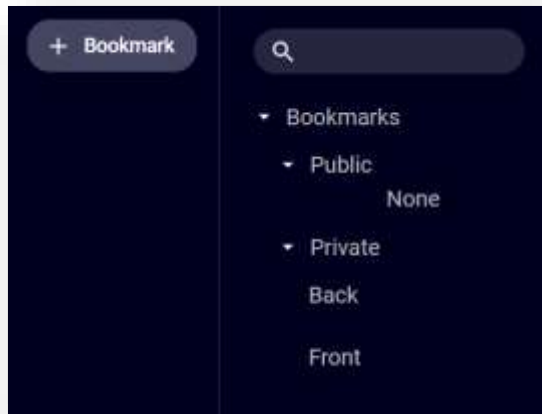
## Step 7: Customer Handoff

A screenshot of an 'Email Invitation' dialog box. It features the Turing Vision logo at the top, followed by the title 'Email Invitation'. Below the title, a blue bar redacts a name, followed by the text 'email address is changeme@changeme.com'. A prompt asks the user to 'Please enter the address to confirm.' There is a text input field labeled 'Confirm email' with an envelope icon. At the bottom, there are two buttons: 'Later' and 'Send'.

- Return to the Dealer Portal [← Return to the Portal](#)
- Click on your customer and confirm their email at the top is correct
- Click [+ Installation Complete](#) and re-enter their email, again ensure it is correct
- An email will be sent to the customer to accept their new account
  - You will be notified by email once the customer has accepted their new Turing Vision account
- Once the customer has created their account, please give them the instructions on the next page

# Turing Vision

## Step 7: Customer Handoff (Cont.)



- Via the web browser VMS, have the customer login to the Vision VMS
  - Browser -> turing.ai -> Login -> Vision Login
- Settings -> Analytics
  - Turn on people-based attributes and facial analytics if desired
    - Some geographical areas do not allow for biometric data, please be sure to comply with local laws
- Settings -> Users
  - Create additional users from this screen. All users should be generated from this screen only. You will also be able to select each user's access level
- Alerts & Notifications
  - Look at the rules created and create more if desired, also add your contact information to any alerts you would like to be sent via text and/or email
- Cameras -> Bookmarks
  - Set up custom views. Private is for that user only, Public is for all users who will have live view access to those cameras

**CONGRATULATIONS**

**Congrats on your new  
Turing AI System!**