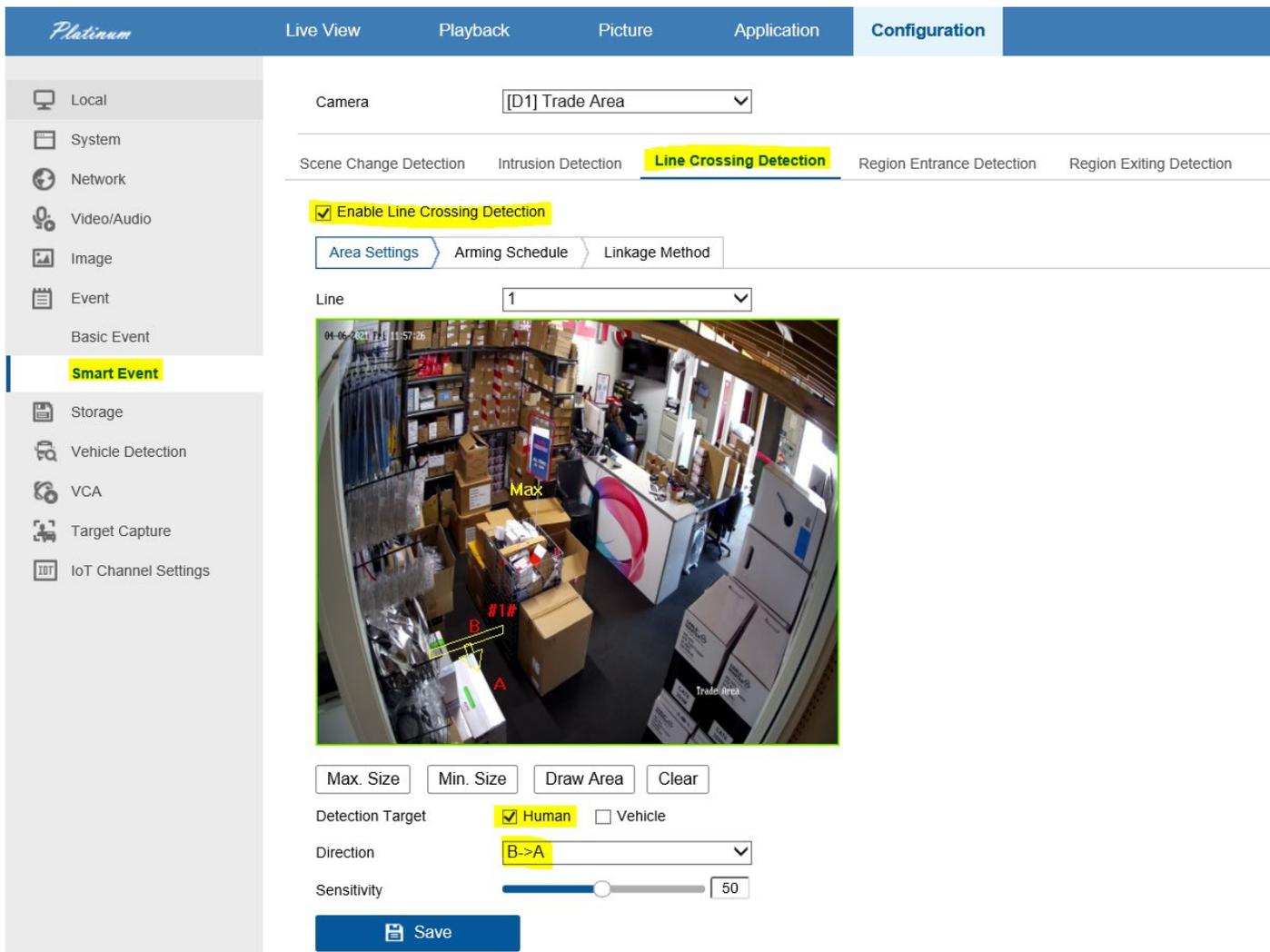


## AI – Human Detection & Notifications

1. Login to the IP camera via iexplorer (not edge)
2. Navigate to Configuration.
3. Event - > Smart Event
4. Line Cross Detection
  - Enable Line Crossing Detection
  - Enable Human and or Vehicle Detection & adjust sensitivity
  - Press Save

## Enabling AI Human Detection & Notifications



The screenshot shows the configuration page for Line Crossing Detection in the LTS iexplorer interface. The interface has a top navigation bar with tabs: Platinum, Live View, Playback, Picture, Application, and Configuration (selected). A left sidebar contains a menu with categories: Local, System, Network, Video/Audio, Image, Event, Smart Event (highlighted), Storage, Vehicle Detection, VCA, Target Capture, and IoT Channel Settings. The main content area is titled 'Camera' and shows the selected camera as '[D1] Trade Area'. Below this, there are tabs for Scene Change Detection, Intrusion Detection, Line Crossing Detection (selected), Region Entrance Detection, and Region Exiting Detection. Under Line Crossing Detection, there is a checked checkbox for 'Enable Line Crossing Detection' and three sub-tabs: Area Settings (selected), Arming Schedule, and Linkage Method. A 'Line' dropdown menu is set to '1'. A live video feed shows a warehouse interior with a yellow line drawn across it, labeled 'Max' at one end and 'A' and 'B' at the other. Below the video feed are controls for 'Max. Size', 'Min. Size', 'Draw Area', and 'Clear'. The 'Detection Target' section has 'Human' checked and 'Vehicle' unchecked. The 'Direction' dropdown is set to 'B->A'. A 'Sensitivity' slider is set to 50. A blue 'Save' button is at the bottom.

# Setup Line Cross VCA

## Step 2:

1. Click Draw line & on the image draw the line cross in the required area
2. Set Direction A->B or A<->B etc according to requirements
3. Press Save
  - For more accurate Human Detection set the Max & Min size  
(Max Size = Maximum size of human / Min Size = Minimum size of human)

Enable Line Crossing Detection

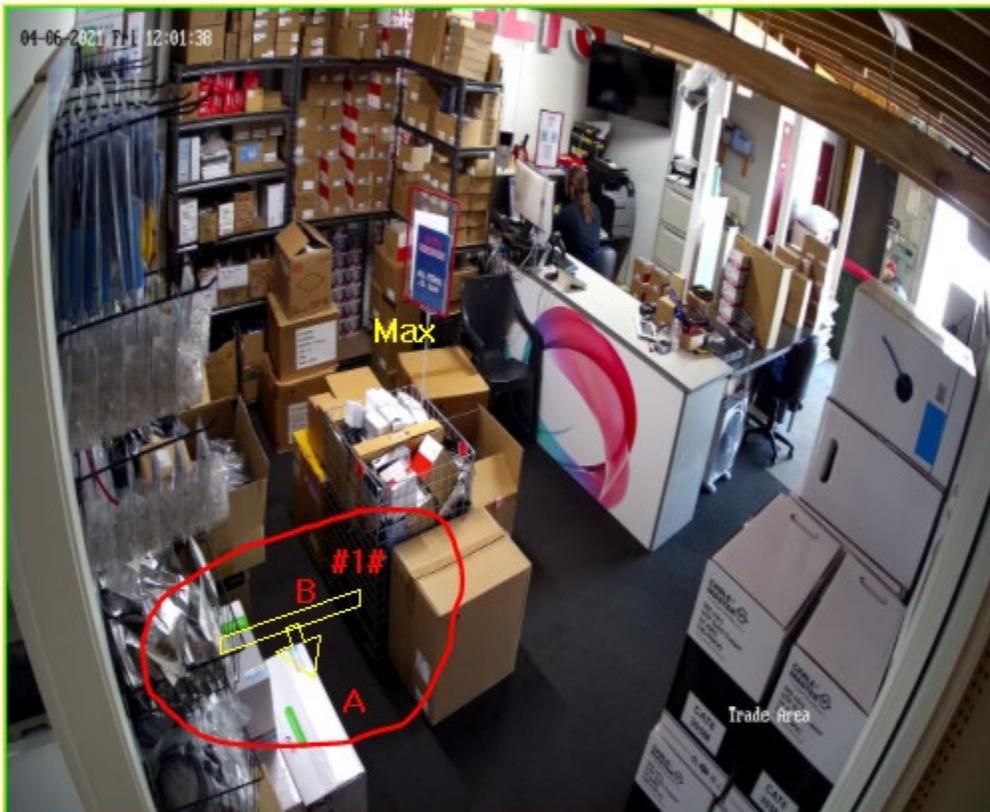
Area Settings

Arming Schedule

Linkage Method

Line

1



Max. Size

Min. Size

Draw Area

Clear

Detection Target

Human

Vehicle

Direction

B->A

Sensitivity

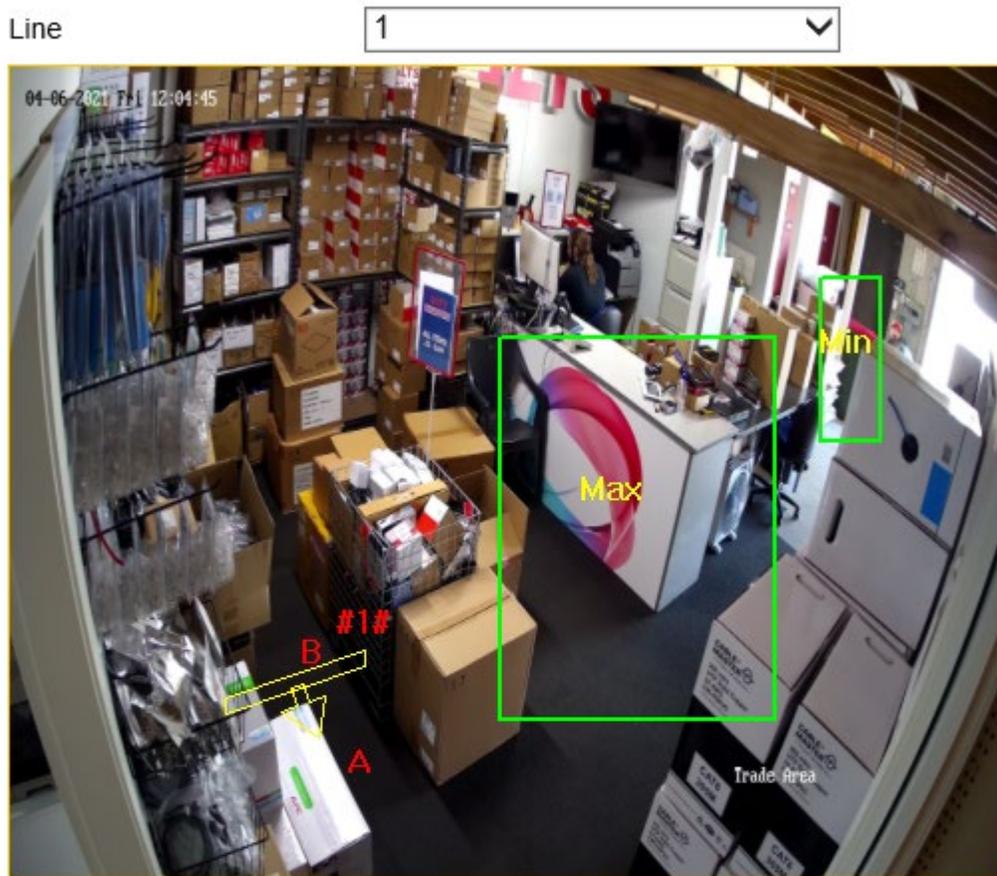
50

Save

# Setting Max & Min sizes for Human detection

## Step 3:

4. Click Max Size and draw a box according to the largest size of a human (you may want someone to stand in shot to do this)
5. Click Min Size and draw a box according to the largest size of a human (you may want someone to stand in shot to do this)
6. Press Save



Detection Target  Human  Vehicle

Direction

Sensitivity

# Arming Schedule

## Step 4:

7. Press on Arming Schedule
8. If the customer wants notifications all day you can leave as is (all blue)
9. Press Save

The screenshot shows the 'Configuration' tab for a camera named '[D1] Trade Area'. Under 'Line Crossing Detection', the 'Enable Line Crossing Detection' checkbox is checked. The 'Arming Schedule' tab is active, showing a 24-hour schedule for each day of the week (Mon-Sun). All time slots from 0 to 24 are filled with blue bars, indicating notifications are enabled for the entire day. A 'Save' button is located at the bottom.

10. If customer wants customized time for notifications you can Delete All and colour in the times required.
11. Below Schedule will send notifications between 1800 -> 5am Mon -> Sunday

This screenshot shows the same configuration interface as above, but with a customized schedule. The 'Delete All' button has been used, and blue bars are only present from 18:00 to 05:00 for each day of the week (Mon-Sun). A 'Save' button is at the bottom.

Day	Notification Period (Hours)
Mon	18:00 - 05:00
Tue	18:00 - 05:00
Wed	18:00 - 05:00
Thu	18:00 - 05:00
Fri	18:00 - 05:00
Sat	18:00 - 05:00
Sun	18:00 - 05:00

# Setting Notification

## Step 5:

12. Select Linkage Method

13. Tick “Notify Surveillance Centre”

14. Press Save

- Refer to LTS Connect quick guide on how to enable push notifications
- Youtube video push notifications: <https://www.youtube.com/watch?v=d6KeExdo0z0>
- We highly recommend temporarily enabling Audible warning for each camera and doing a walk through to make sure the function works according to requirements and adjusting settings accordingly. This will make the NVR beep when a human/vehicle detection is triggered. Make sure to turn off when finished.

Camera: [D1] Trade Area

Scene Change Detection | Intrusion Detection | **Line Crossing Detection** | Region Entrance Detection | Region Exiting Detection

Enable Line Crossing Detection

Area Settings > Arming Schedule > **Linkage Method**

<input type="checkbox"/> Normal Linkage	<input type="checkbox"/> Trigger Alarm Output	<input type="checkbox"/> Audio and Light Alarm Link...	<input type="checkbox"/> Trigger Recording	PTZ Linking [D1]
<input type="checkbox"/> Audible Warning	<input type="checkbox"/> A->1		<input checked="" type="checkbox"/> D1	<input type="checkbox"/> Preset No. 1
<input type="checkbox"/> Send Email	<input type="checkbox"/> D1->1		<input type="checkbox"/> D2	<input type="checkbox"/> Patrol No. 1
<input checked="" type="checkbox"/> Notify Surveillance Center	<input type="checkbox"/> D2->1		<input type="checkbox"/> D3	<input type="checkbox"/> Pattern No. 1
<input type="checkbox"/> Full Screen Monitoring	<input type="checkbox"/> D2->2		<input type="checkbox"/> D4	
	<input type="checkbox"/> D6->1		<input type="checkbox"/> D5	
	<input type="checkbox"/> D6->2		<input type="checkbox"/> D6	
			<input type="checkbox"/> D7	
			<input type="checkbox"/> D8	
			<input type="checkbox"/> D9	
			<input type="checkbox"/> D10	
			<input type="checkbox"/> D11	
			<input type="checkbox"/> D12	
			<input type="checkbox"/> D13	