flock safety

Flock Safety Webhook

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Overview

Flock offers the ability to have all license plate reads above a configured confidence to be pushed to a webhook URL. Flock uses HTTPs Post to push this data to the webhook URL configured. The URL and credentials are configured as an integration and should be passed in a secure format directly to Flock's engineering team. The body of the request to the webhook is JSON formatted, and the structure is shown below, with the datatype of each field.

Webhook Payload

```
{
    "deviceLat": float,
    "deviceLong": float,
    "deviceName": string,
    "networkName": string,
    "imageUrl": string,
    "imageExpiration": Date,
    "eventTime": Date,
    "ocr": {
      "label": string,
      "labelConfidence": float,
      "state": string | null,
      "stateConfidence": float | null,
      "x": number,
      "y": number,
      "height": number,
      "width": number
    }
}
```

Authentication

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Flock supports API Keys in a header for pushes of read records to a webhook. The header name is configurable and will be configured by a member of Flock's engineering team.

Definitions

`deviceLat`: latitude of the location of the device that captured image of plate
`deviceLong`: longitude of the location of the device that captured image of plate
`deviceName`: name of the device
`networkName`: name of the network the device exists within
`imageUrl`: expiring url of the image with license plate
`imageUrlExpiration`: the expiration date of imageUrl
`eventTime`: the date that the image was taken on device
`ocr.label`: the license plate
`ocr.labelConfidence`: the license plate confidence (0 to 1.00)
`ocr.state`: the state of license plate
`ocr.stateConfience`: the license plate state confidence (0 to 1.00)
`ocr.x`: the x coordinates of where the license plate starts in the image(top left corner)
`ocr.y`: the y coordinate of where the license plate starts in the image(top left corner)
`ocr.height`: the height of the license plate in the image in pixels
`ocr.width`: the width of the license plate in the image in pixels