

## Keeping streetcars safe for riders

### A mobile perception platform that improves streetcar safety

Streetcars provide convenient, fast, high-capacity transit service for thousands of riders everyday. But when streetcars stop to let people board and exit, some drivers illegally pass – putting riders in danger of getting hit by cars.

Additionally, illegal parking on streetcar tracks and at streetcar stops can delay transit service and make boarding inaccessible and unsafe, especially for senior and disabled riders.

Keep your streetcar riders safe and your streetcars moving with Hayden AI's Automated Streetcar Enforcement Platform. Our platform improves rider safety and satisfaction and streetcar performance by automatically enforcing traffic rules for streetcars in real-time and at scale.



Drivers illegally passing stopped streetcars is a big problem in Toronto. Between 2016 and 2020, the Toronto Transit Commission recorded **55 incidents of streetcar passengers being hit as they boarded or exited.**<sup>1</sup>

## Why Hayden AI?

### Disruptive Technology

We offer the only operational AI-based solution in the marketplace. With hardware built for data collection analysis, our system provides value beyond traffic enforcement.

### Privacy First

With edge processing and encryption, our technology prioritizes data privacy by design. Only potential traffic violations are saved and shared for processing.

### Market Leader

Hayden AI is the largest provider of mobile automated bus lane and bus stop enforcement systems in the U.S.

<sup>1</sup> <https://www.thestar.com/news/gta/2021/04/29/cameras-to-capture-drivers-who-blow-past-open-streetcar-doors-coming-to-the-ttc>

We deliver leading edge technology that powers safer, smarter, and more sustainable communities.



## Our Mobile Perception Platform

### 1 AI-Powered Camera System



Hayden AI combines computer vision with on-board cameras and embedded connectivity like 5G, to help municipalities create smarter fleets capable of protecting bus and bike lanes, keeping school zones safe, and more.

### 2 Edge Processing



With edge processing, Hayden AI's mobile perception platform identifies and documents potential traffic violations while the bus is moving, and then uploads only the data necessary to issue a prosecutable violation — keeping data secure and streamlining data management.

### 3 Data Portal



Footage, data and evidence packages are sent from cameras to Hayden AI's data portal. The portal streamlines evidence review, provides advanced data analysis and visualization, monitors your city's assets, and allows for easy management of traffic rules. All in one centralized dashboard.

## WANT TO LEARN MORE?

Contact Hayden AI at [sales@hayden.ai](mailto:sales@hayden.ai) for additional information about how our solution can help enhance bus safety and performance for your community.

