

Keep bus stops clear for riders

A mobile perception platform that makes boarding accessible and safe

Bus stops aren't parking spots – but many drivers treat them that way, with dire consequences for senior and disabled riders. Illegal parking at bus stops makes it impossible for the bus to pull up to the curb properly, which slows down transit and makes boarding unsafe and inaccessible to people using wheelchairs or other mobility assistive devices.

Hayden AI's Automated Bus Stop Enforcement platform uses bus-mounted, AI-powered camera systems to keep bus stops clear for buses. By enforcing bus stops at scale and in real-time, our platform helps keep transit on-time, safe, and accessible.



In 2022, Marcel Moran, PhD, published a survey of 2,964 bus stops in San Francisco in an effort to document how many had unobstructed curbs. He found:

“Roughly one third of all stops are obstructed by on-street parking, rendering them difficult to use and exposing riders to oncoming traffic.”¹

Why What We Do Matters

✓ **More Efficient Bus Operations** by improving bus speeds, on-time performance and reducing time spent per commute trip

✓ **Enhanced Safety** by decreasing collisions and protecting bus riders as they get on and off the bus

✓ **Increased Transit Ridership** by improving on-time performance and schedule reliability

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 for additional information about how our solution can help enhance bus safety and performance for your community.

