



Ped Protect

Pedestrian Protection Zone

Ped Protect is a software application that uses existing NoTraffic fusion sensors to automatically extend pedestrian green times when people are still in the crosswalk—without adding new hardware



Protecting the Vulnerable

Pedestrian deaths have increased by 77% over the past decade, prompting many agencies to act. Factors like late crosswalk entry, large crowds, and age can increase the time required for pedestrians to safely cross.

Our fusion sensors can detect pedestrians in the crosswalk sending a signal to the controller to extend the time.



Benefits

1 Enhances Safety

Grants more time for pedestrians to cross safely when required.

2 Improves Traffic Flow

Enables agencies to shorten default crossing times.

3 Cost-Effective

Utilizes existing fusion detection eliminating hardware costs.

Features

✓ Improves Intersection Safety

Supports Vision Zero and federal Safe Streets for All (SS4A) initiatives by prioritizing vulnerable road users at crossings

✓ Easy Set Up

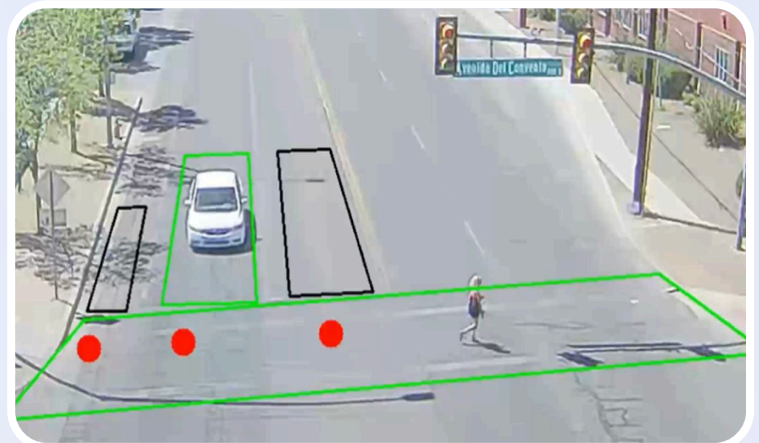
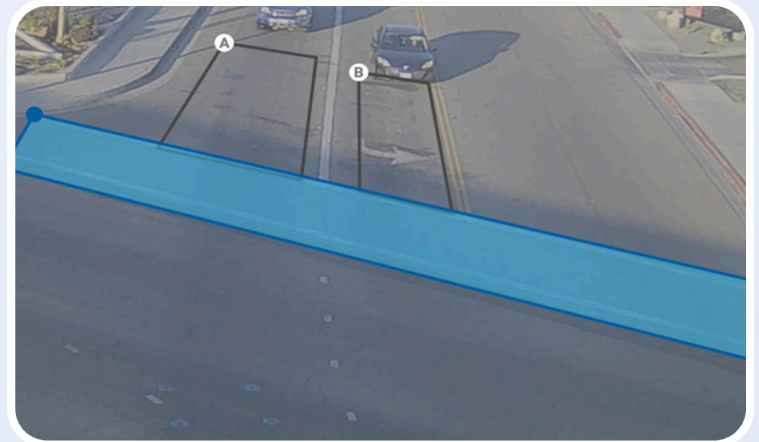
Set up in during installation or at any time in Mobility OS using a Vulnerable Road User (VRU) zone

✓ Controller Integration

Works by actuating an input in the traffic controller.

✓ Verifiable Functionality

Verify functionality directly on the portal with visual verification of zone actuation



How it Works

- 1 User creates dedicated VRU zone
- 2 Sensor detects pedestrians in crosswalk
- 3 Nexus actuates detector input to controller
- 4 Controller extends phases or intervals

AI Mobility Platform

Ped Protect can be activated from the Mobility Store. The Mobility Store is part of the NoTraffic AI Mobility Platform, which integrates AI-powered software and hardware at the edge under a cloud-based Mobility OS (Operating System) to address current and future transportation needs.

