

A close-up, high-angle shot of a person's hand gripping the handle of a silver metal walker. The person is wearing a light-colored jacket. The walker is positioned on a dark asphalt surface with white diagonal stripes, indicating a crosswalk. The background is slightly blurred, focusing attention on the walker and the person's hand.

ENSURING EVERY STEP COUNTS:

Protecting Slow-Moving
Pedestrians with

Vantage PedSafe™

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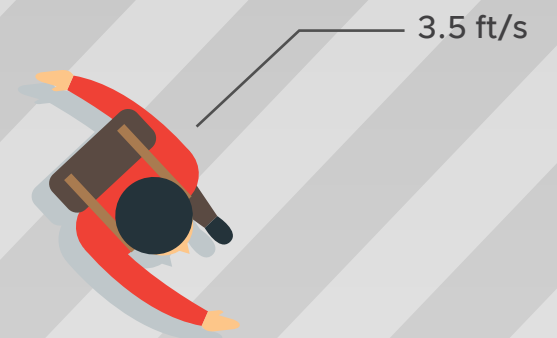
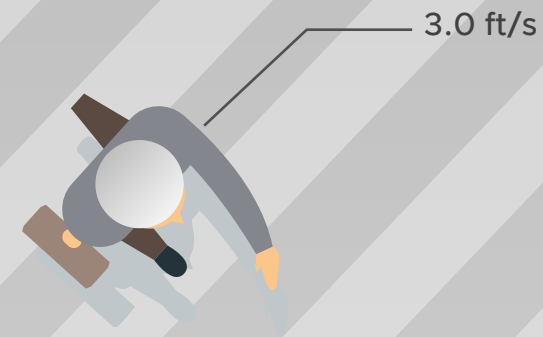
Most pedestrian clearance times are based on a walking speed of 3.5 feet per second.

Source: MUTCD

However, elderly pedestrians, people with disabilities, and even those carrying heavy items may struggle to cross before the signal changes,

LEAVING THEM STRANDED IN THE CROSSWALK WHEN TRAFFIC BEGINS TO MOVE.

Without real-time detection, the signal doesn't know that pedestrians are still in the crosswalk.





Some pedestrians need more time to cross, but the signal doesn't always wait.

Standard timing assumptions can fall short for vulnerable pedestrians. When the pedestrian interval ends, vehicles begin to move – even if someone is still crossing.

Vantage PedSafe™ adds intelligence to the intersection or midblock location by detecting real-time presence in the crosswalk and triggering outputs that protect the pedestrian.

Here's how it works...

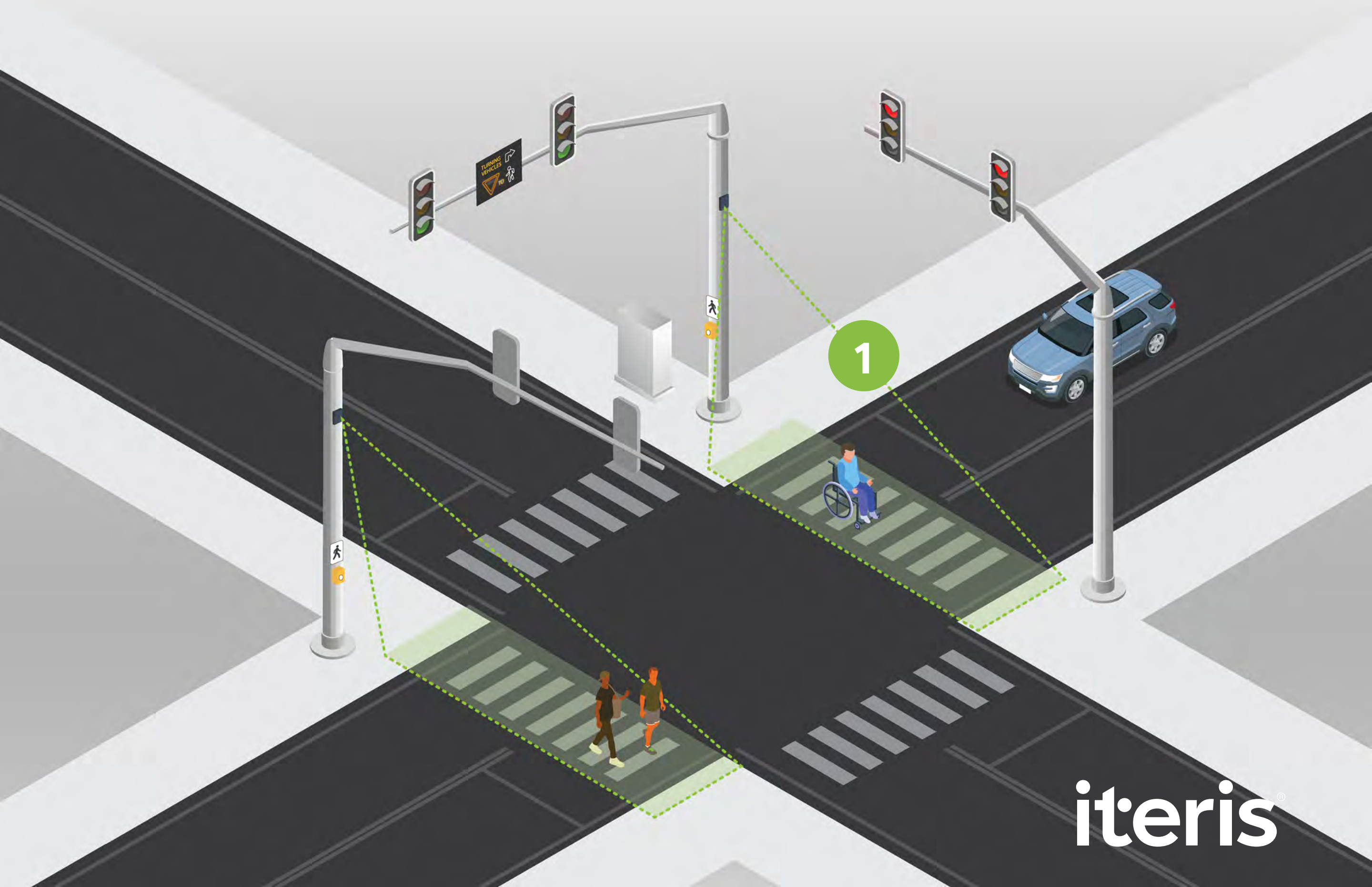


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USE CASE 2: SLOW-MOVING PEDESTRIANS

1 Real-Time Detection

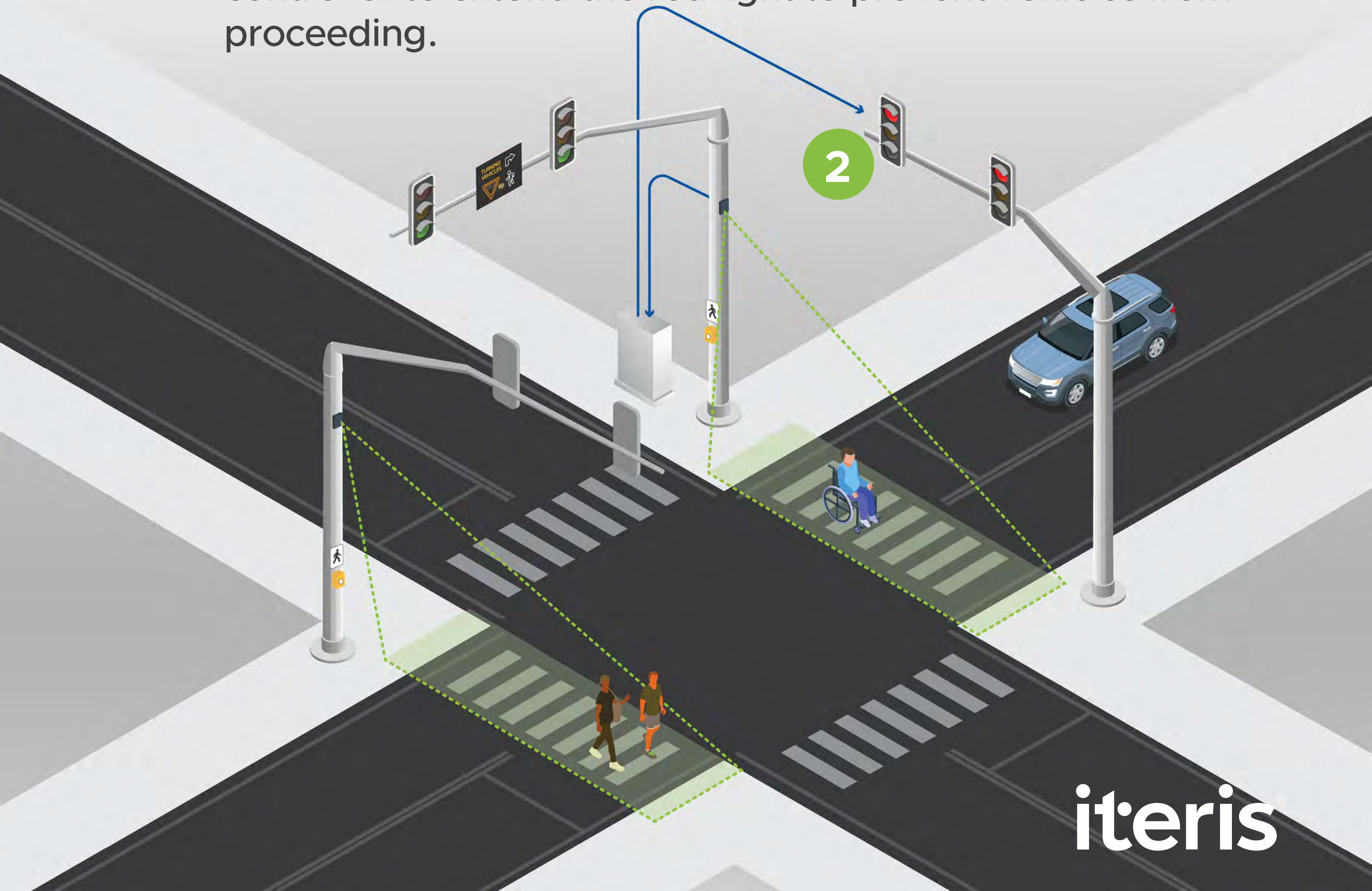
Vantage PedSafe detects pedestrians in the crosswalk and monitors their movement speed in real time.



USE CASE 2: SLOW-MOVING PEDESTRIANS

2 Signal Extension for Safe Crossings

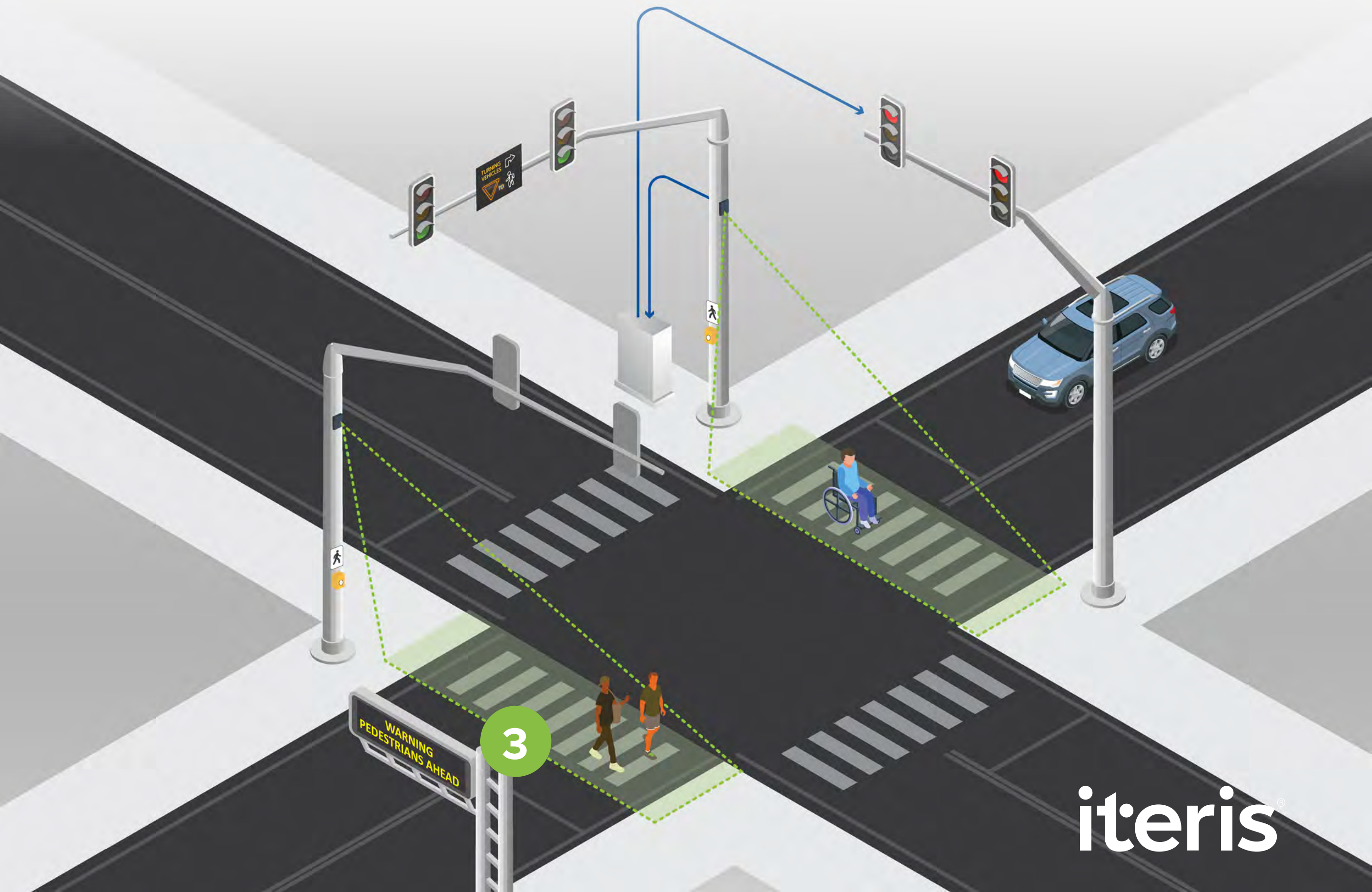
If a pedestrian is detected still crossing after the standard clearance time, Vantage PedSafe signals the traffic controller to extend the red light to prevent vehicles from proceeding.



USE CASE 2: SLOW-MOVING PEDESTRIANS

3 Driver Alerts Through Dynamic Signage

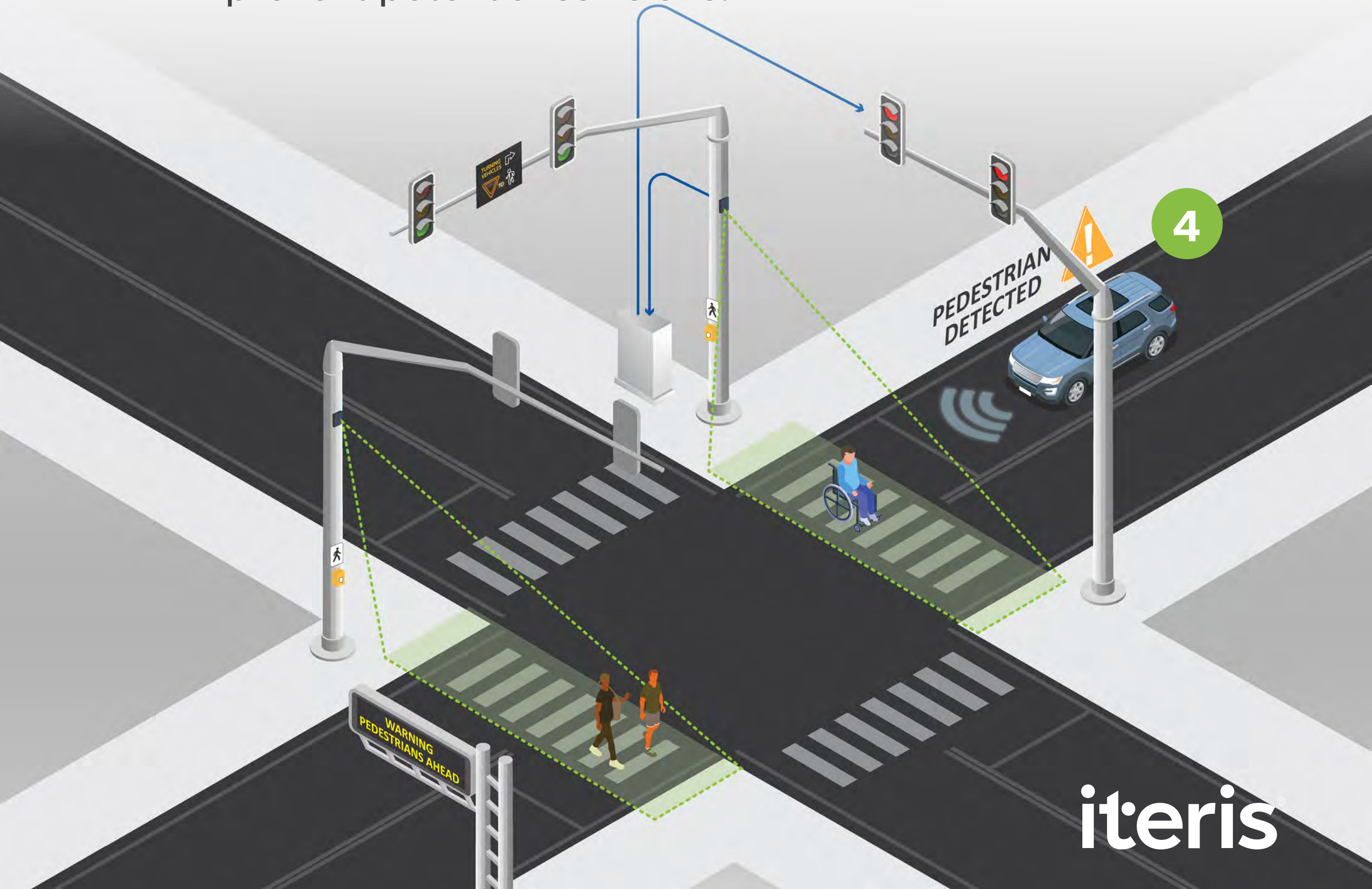
A pedestrian warning sign activates, notifying oncoming drivers of a pedestrian still present in the crosswalk.



USE CASE 2: SLOW-MOVING PEDESTRIANS

4 Connected Vehicle Safety Alerts

Vantage PedSafe sends real-time warnings to connected vehicles through roadside units, helping prevent potential collisions.

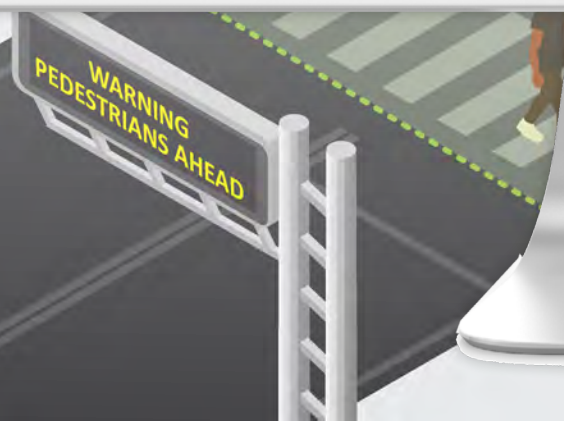
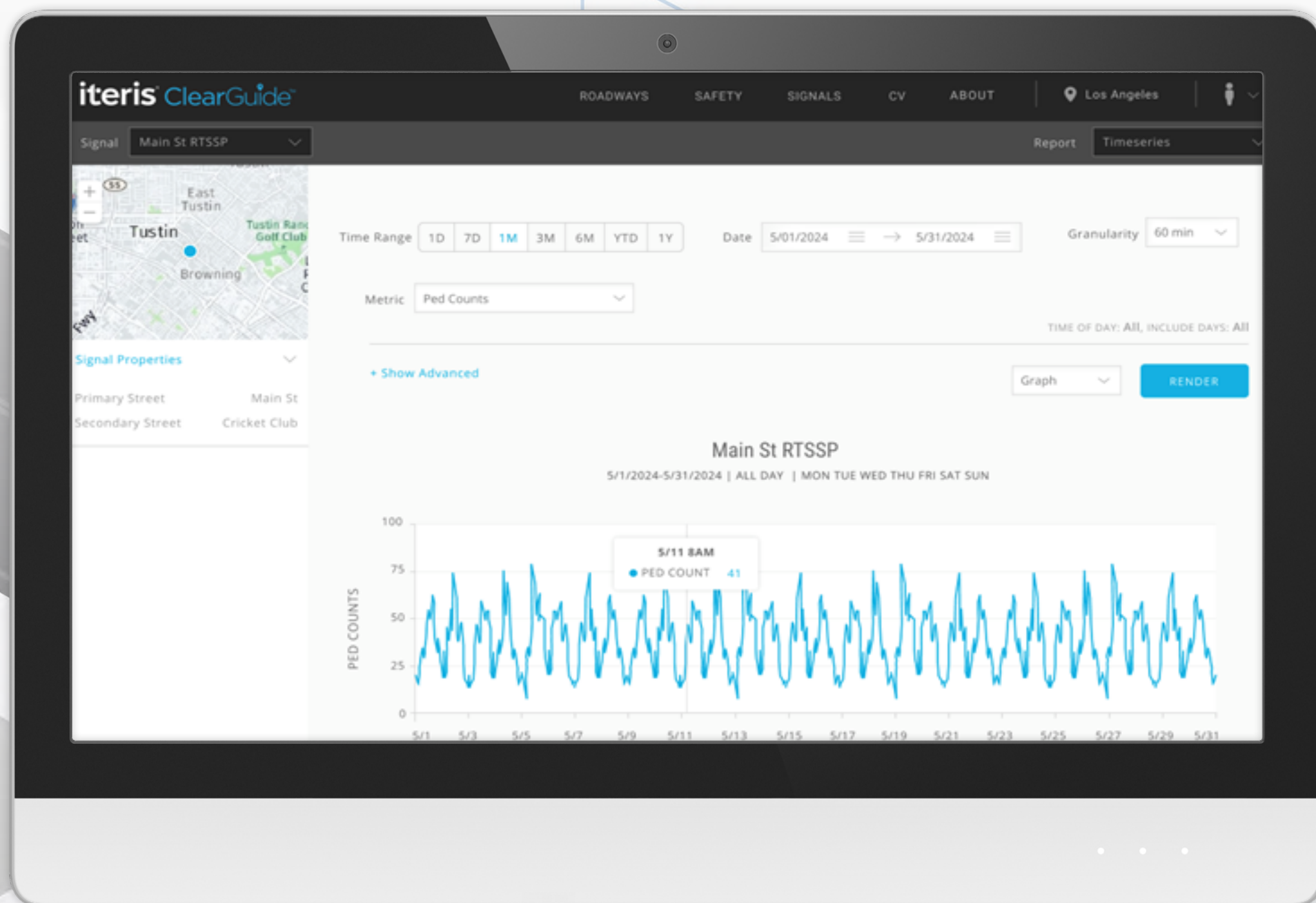


USE CASE 2: SLOW-MOVING PEDESTRIANS

5

Analytics for Safety Optimization

Pedestrian activity data is logged in ClearGuide®, helping agencies identify areas where signal timing adjustments may be needed.



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TAKE ACTION TODAY

Whether you're looking to deploy pedestrian safety solutions or simply explore how real-time data can shape your community's safety strategy, our team is here to help.

Get in touch to learn more about Vantage PedSafe and how it can support your pedestrian safety initiatives.

iteris.com/pedsafe



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