

BRINGING PEDESTRIANS OUT OF THE DARK:

Enhancing Nighttime
Safety with **Vantage** PedSafe™

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78% OF PEDESTRIAN DEATHS OCCUR AT NIGHT IN POORLY LIT INTERSECTIONS

Visibility is one of the leading factors contributing to pedestrian fatalities at night. Poor lighting, distracted driving, and limited reaction time increase the risk of severe or fatal crashes.

Vantage PedSafe™ is designed to address this challenge by detecting pedestrians in real time and activating critical safety measures, ensuring drivers can see and react to pedestrians when it matters most.

But how does it work in real-world scenarios?



When a pedestrian approaches a crosswalk at night, visibility is often compromised. Without proper lighting or alerts, drivers may struggle to see them in time to react.

Vantage PedSafe provides a proactive safety solution by detecting pedestrians in real time and triggering targeted interventions, from lighting activation to driver warnings.

Here's how the system enhances pedestrian safety in low-light conditions ...

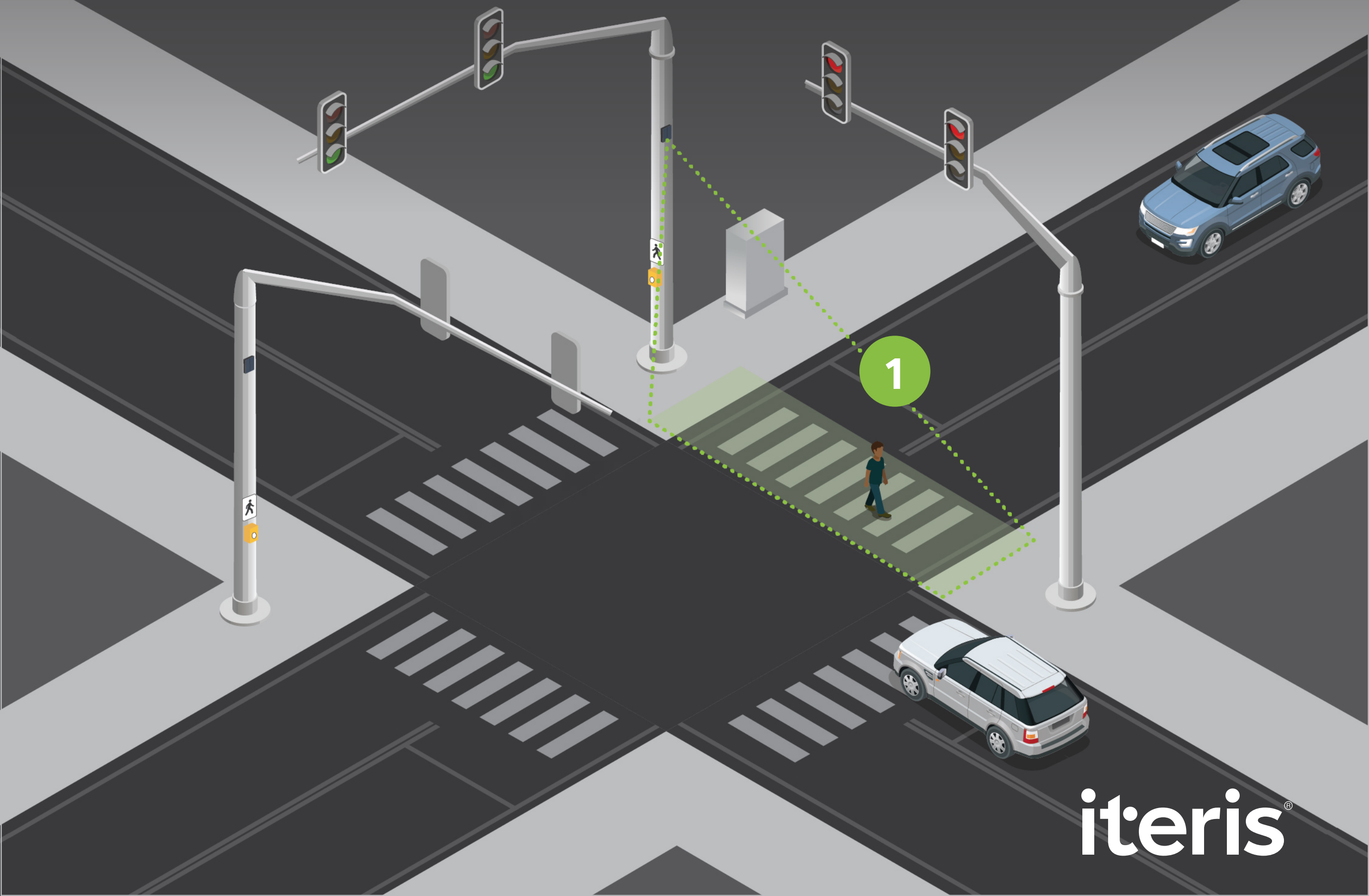


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USE CASE 1: PEDESTRIAN CROSSING IN THE DARK

1 Detection in Low Light

Vantage PedSafe radar detects pedestrians in real time, even in total darkness or poor visibility conditions.

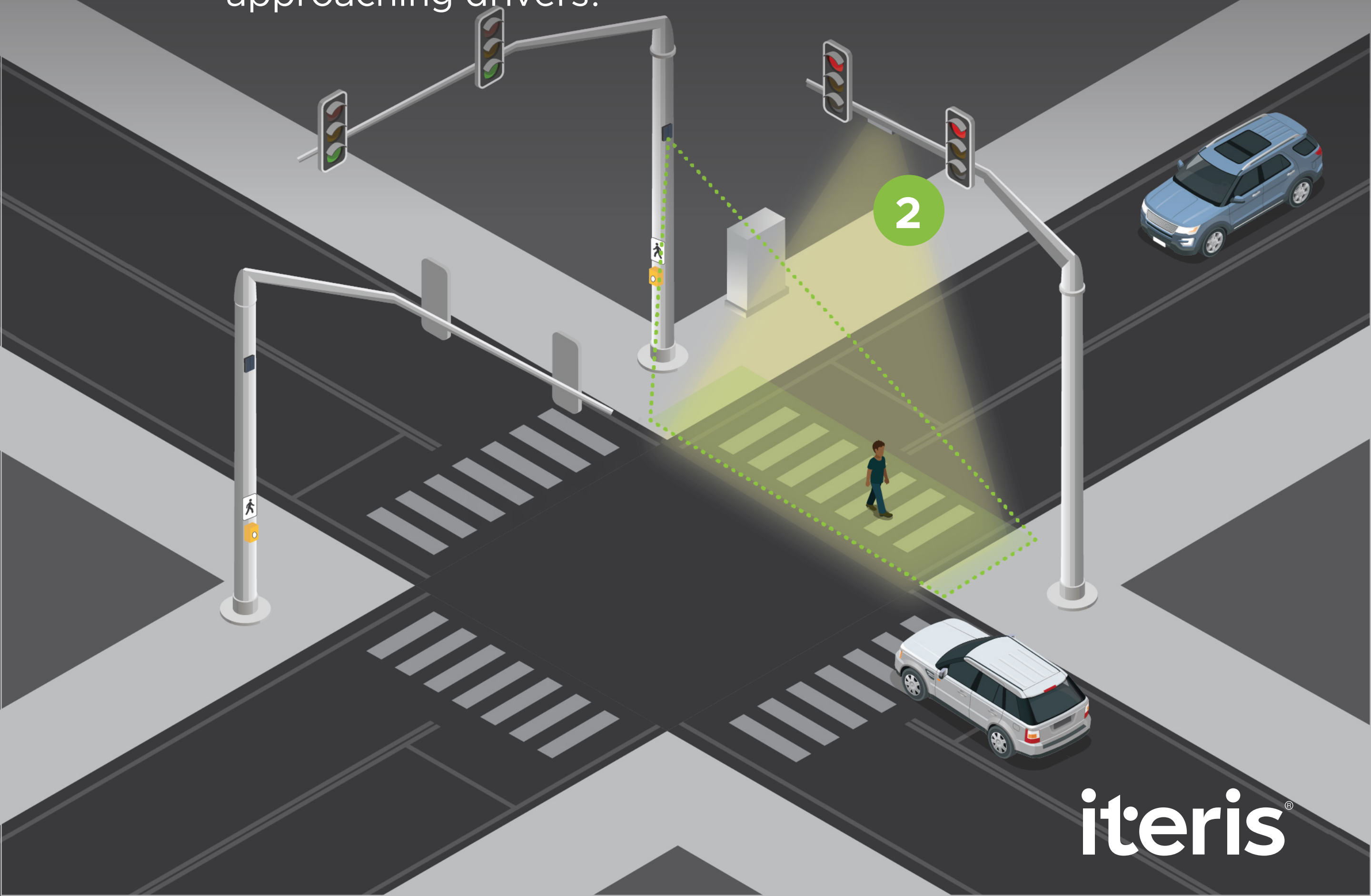


USE CASE 1: PEDESTRIAN CROSSING IN THE DARK

2

Activating Lighting for Pedestrian Visibility

Upon detection, Vantage PedSafe triggers overhead lighting, ensuring pedestrians are fully illuminated for approaching drivers.



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USE CASE 1: PEDESTRIAN CROSSING IN THE DARK

3 Driver Alerts Through Dynamic Signage

Blank-out signs activate to warn right-turning or oncoming drivers of a pedestrian present in the crosswalk.



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4 Connected Vehicle Safety Alerts

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



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5 Analytics for Safety Optimization

Analyze data in ClearGuide® to prioritize lighting improvements at high-risk intersections.



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.

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