

## PedTrax™

# Tracking critical pedestrian activity with your Vantage video detection system

### Benefits of PedTrax



Provides bi-directional pedestrian counts, speed data and detection alerts



Included with all new Vantage video detection systems



Field-upgradeable for latest Vantage hardware platforms



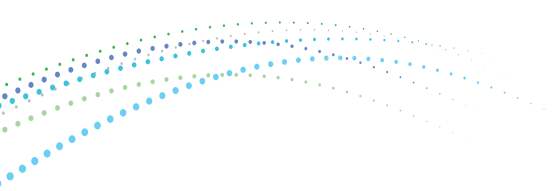
### Value-Added Data Feeds

There is a growing demand for more information at signalized intersections, including vehicle, bicycle, and pedestrian metrics. Agencies want a complete view of intersection usage and they want to ensure that safety is a key component of roadway improvements. To help support these efforts, Iteris developed PedTrax™, a video detection feature embedded on the latest Iteris hardware platforms.

### Enhanced Safety with Data and Detection

PedTrax provides automatic counting, direction and speed tracking of pedestrians within the crosswalk. Along with collecting this information with normal vehicle and bicycle detection, PedTrax can provide discrete outputs when detecting pedestrians moving in the crosswalk. Numerous safety applications can be realized when connecting these outputs to traffic controllers or other devices.

The PedTrax feature is embedded within Iteris detection algorithms, there is no need for any additional equipment for operation. With count and speed data of pedestrians within the crosswalk, combined with the already available vehicle and bicycle counts, agencies now have the necessary data to support enhanced safety initiatives, improve funding applications and focus on specific multimodal roadway improvements.

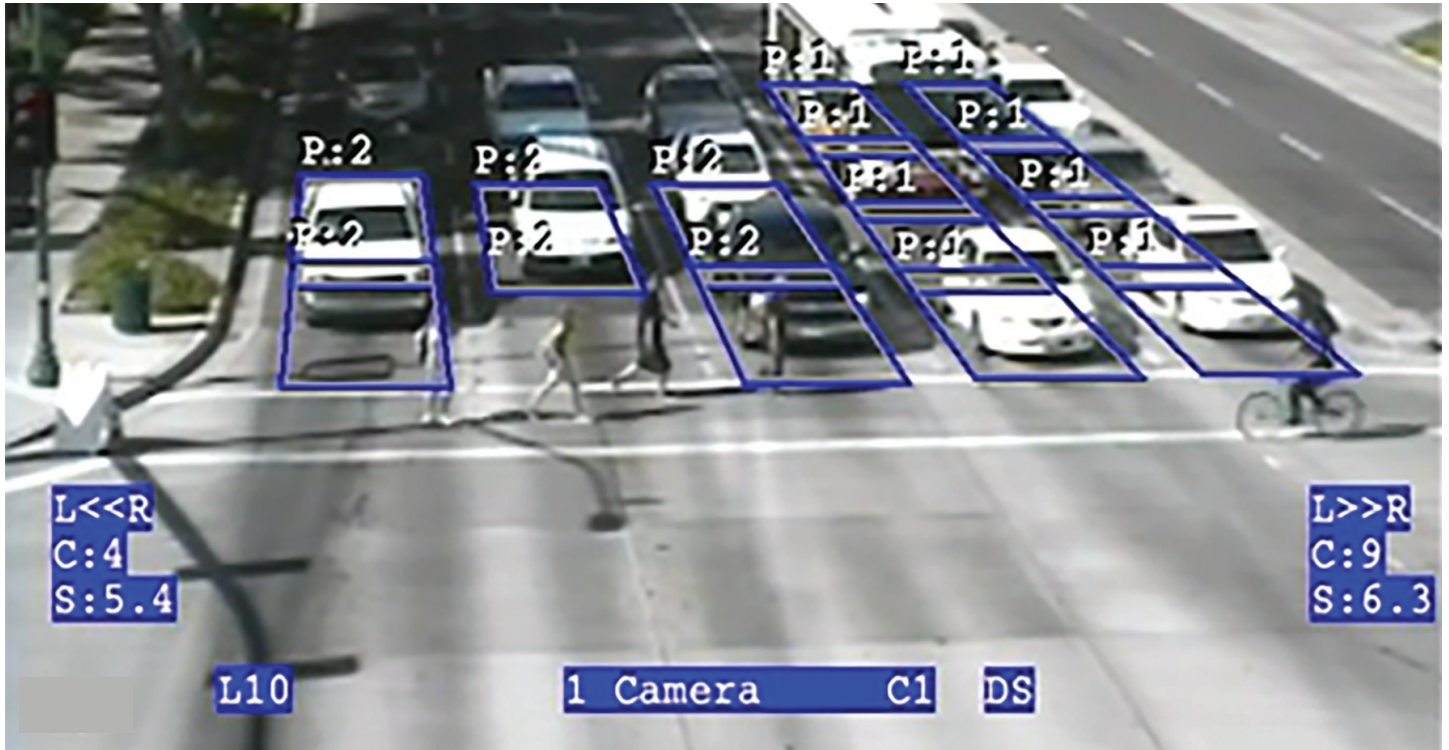


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## Addressing Active Transportation Planning

City active transportation planners and engineers have a full view of roadway usage and the ability to focus resources on intersections that require safety enhancements. With the critical pedestrian data that PedTrax provides, along with SmartCycle® data, agencies can better plan for intersection and roadway improvements to enhance safety for vulnerable road users (VRU).



PedTrax data (shown in blue) for bi-directional counts and speeds of pedestrians moving left-to-right and right-to-left.

Works with all Iteris video detection systems including:

- VantageNext®
- Edge®2
- SmartSpan®
- Vantage Vector®

### Benefits

- Utilizes previously installed non-intrusive sensor systems
- Additional data stream to existing vehicle and bicycle counts
- Pedestrian speed data can help improve signal timing efficiency
- No additional setup required
- Field-proven detection performance from the industry leader
- Provides discrete outputs for enhanced safety applications



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