iteris®

PedTrax™
Tracking critical pedestrian activity with your Vantage video detection system

Benefits of PedTrax

Provides automated bi-directional pedestrian count and speed data

Included with all new Vantage video detection systems

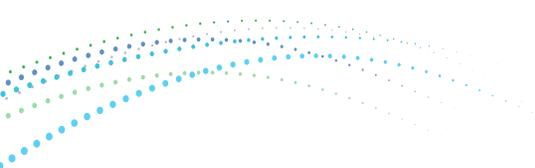Field-upgradeable for latest Vantage hardware platforms

Value-Added Data Feeds

There is an increasing need for more information at signalized intersections, including vehicle, bicycle, and pedestrian metrics. Agencies are wanting a more complete view of the intersection usage, and ensuring that safety is a key component of all future roadway improvements. To support these efforts, Iteris has developed PedTrax, a video detection feature embedded on the latest Iteris hardware platforms.

Integrated within existing equipment

PedTrax provides counting, direction, and speed tracking of pedestrians within the cross-walk. This feature automatically collects and displays this information along with normal vehicle and bicycle detection. The PedTrax feature is embedded within Iteris detection algorithms, and there is no need for any additional equipment for this feature to operate. With count and speed data of pedestrians within the crosswalk, combined with the already available vehicle and bicycle counts, agencies now have the data necessary to support enhanced safety initiatives, improve funding applications, and a focused effort on roadway improvements.
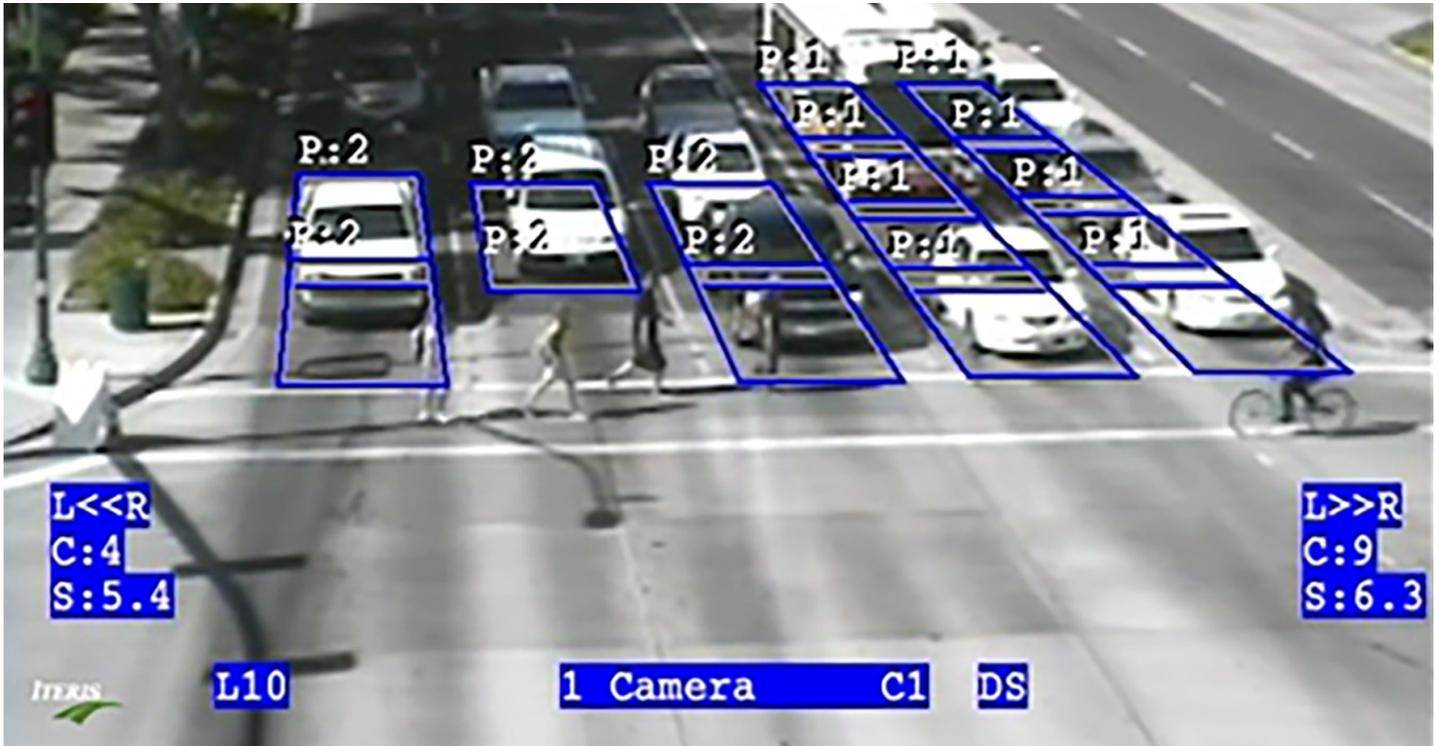
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Addressing Active Transportation Planning

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

PedTrax data shown in blue for both directions; 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

TÜV CERT
ISO 9001:2008

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