Intersection Traffic Analysis

Leveraging technology to save and improve lives

**CHALLENGE**

The pervasive use of mobile technology - and its ability to easily distract pedestrians and drivers - has led to increased incidents of auto and pedestrian accidents and fatalities. Congestion has been increasingly getting worse year-over-year in 85 of the largest metropolitan areas¹.

As congestion grows, so does traffic accidents and harmful fuel emissions. More than 28% of all greenhouse gas emissions come from transportation, and, what’s more, the transportation sector is the largest source of gas emissions in the United States².

Community planners are charged with understanding the impacts of development on existing and future traffic patterns.

**SOLUTION**

IntelliSite’s SCaaS™ Solution for Intelligent Transportation uses proprietary IoT and AI technology to efficiently and cost-effectively decrease accidents, traffic congestion, and greenhouse gas emissions.

Traffic must be ingested, analyzed and acted upon in real-time to make Smart Transportation a reality.

SCaaS for Intelligent Transportation runs data connection, ingestion, and enrichment on the edge, in real-time.

Our solution provides valuable insights for the development and management of resource allocation, policy recommendation, and enforcement methodologies.

**Intersection Traffic Analysis**

Use next-gen IoT and AI technology to gather valuable data on high traffic periods, crosswalk monitoring, red-light infractions and more. Utilize AI-enriched analytics and incident data to make more informed planning decisions.

**Roadway Traffic Analysis**

Use next-gen IoT and AI technology to gather valuable data on roadway usage, traffic congestion, traffic speeds and more. Utilize AI-enriched analytics and our visual analytics tools to make more informed roadway planning and management decisions.

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IntelliSite’s unique offer of “Smart Community as a Service” (SCaaS) enables cities and municipalities to benefit from our technology with an affordable monthly fee. SCaaS eliminates the initial capital expenditure and combines the cost of all the solution components:

- Edge compute UIG™ hardware
- Our innovative IntelliSite software suite
- IntelliCare™ 24/7 remote agent monitoring
- HD cameras
- IoT sensors

All-in-one simple price that’s only a few hundred dollars per month provides a very low barrier to access cutting-edge security technology powered by AI and IoT.