Video Analytics for Traffic Studies

Leverage your video data to get rich traffic intelligence

TRANSOFT SOLUTIONS

TRAFXFLOW

Comprehensive Traffic Insights from Video Analytics

TrafxFLOW™ supports your data analytics needs beyond traffic count summaries. Using AI and computer vision technology, TrafxFLOW is an easy-to-use online application that produces reliable, accurate and comprehensive analytics including counts, speeds, and the most complete road user classification on the market. Use virtually any video source, including footage from temporary cameras, permanent cameras, drones, and even historic video.
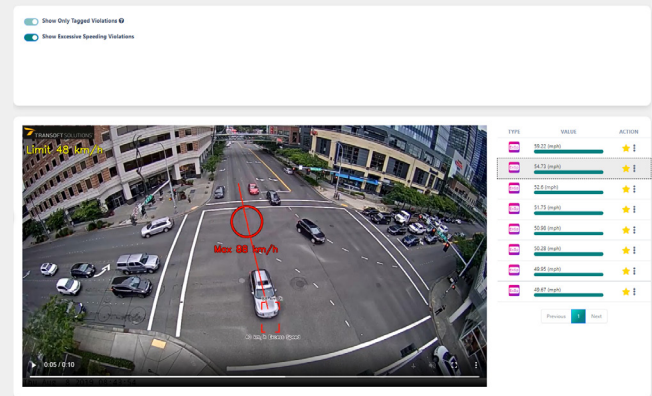
Versatile

Analyze your sites over the short or long-term, from the video source of your choice, including live connected cameras, historical video data, and drone footage.

Multimodal

Classify and track up to 15 road user types, including cars, buses, trucks, pedestrians, bicycles, and scooters.
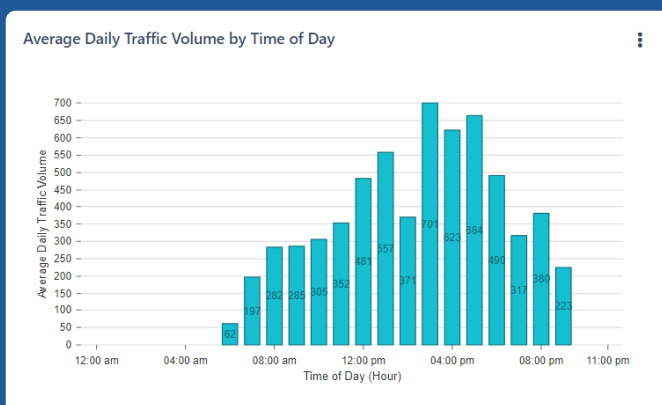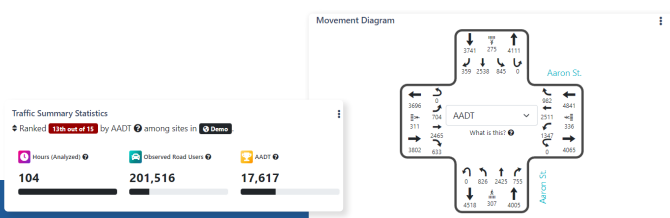
Precise

Rely on count and speed accuracy levels that have been validated to be above industry standards.

Comprehensive

Visualize your count and speed data in customizable tables and graphs directly in the web application or export the data for further analysis.
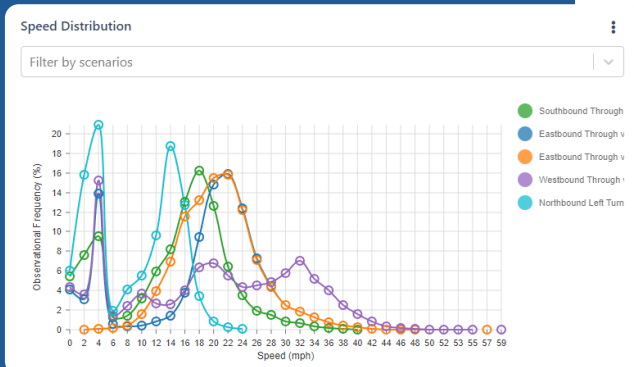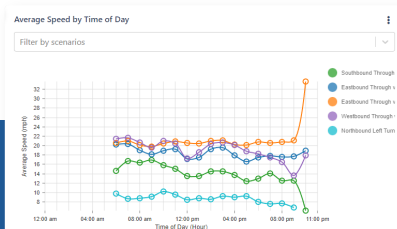
Elevate your transportation projects and maintain control of your analysis with rich traffic insights and complete views of your study sites.

Traffic survey & analytics

TrafxFLOW's video analytics provide detailed road user counts per movement for up to 15 different types of road users, including bicycles, pedestrians, and scooters.

The easy-to-use dashboard provides analytics associated with your dataset and gives you the inputs for your traffic analyses, including turning movement counts for any defined period, classification by mode, AADT summaries, peak hour summaries, and more.

Speed analysis

Dive deep into TrafxFLOW's speed data to identify various trends at your study location, including queue buildups and speeding.

Assess speed trends, establish speed zones, and adjust signal timing more intelligently with comprehensive speed data, including operating speeds over time by mode, speeds by movement, and identification of speed violations.

Additional behavioral analysis

Use TrafxFLOW's rich data collected from your video to gain insights into other road user behavior, including jaywalking identification, illegal movement analysis, intersection blocking, and others.
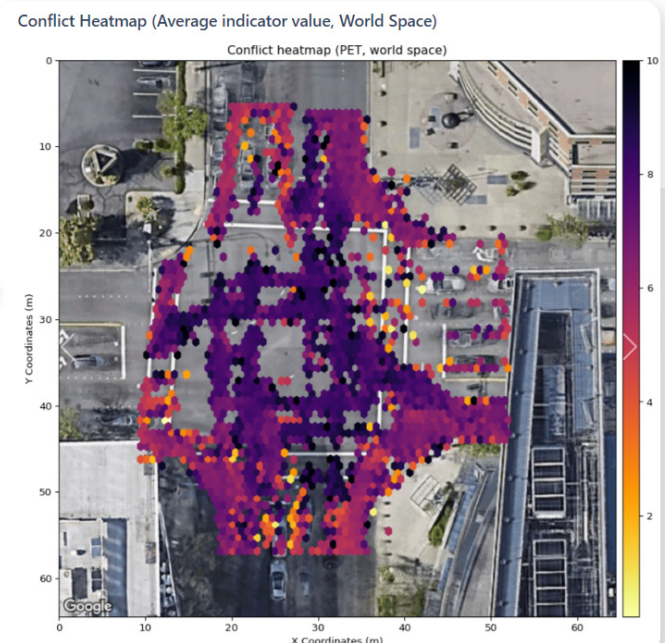
Supported Browsers
& System Requirements

For details on supported browsers and system requirements, please visit the product compatibility section using the QR code below.