

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 web-based application that produces reliable, accurate, and comprehensive analytics that includes 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.

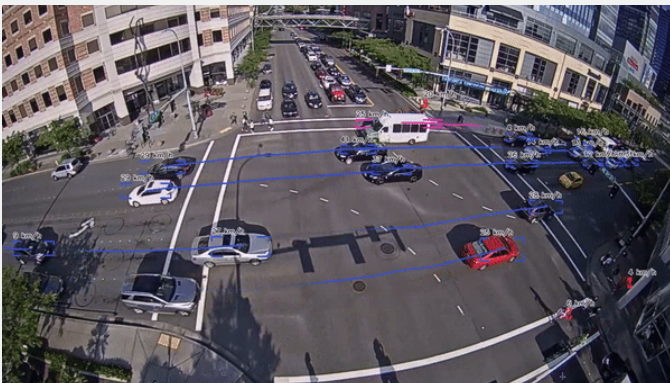
TRAFFIC SURVEY & ANALYTICS

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.





BENEFITS

Elevate your transportation projects and maintain control of your analysis with rich traffic insights and complete views of your study sites.



FLEXIBLE

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.



PRECISION

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.



ABOUT TRANSOFT SOLUTIONS

HEAD OFFICE – North America

Since 1991, Transoft Solutions, Inc. has been committed to providing innovative software and services for civil and transportation engineering, road safety, and aviation sectors. Headquartered in British Columbia, Canada with 12 global offices, Transoft Solutions is internationally recognized as an industry leader in the development of state-of-the-art products to help users better plan, analyze, and evaluate their intricate design projects. Our products are used every day by thousands of organizations in over 150 countries worldwide. Clients include government agencies at the federal, state, county and municipal levels, as well as major international airports and top engineering and architectural design firms.



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