TRAFXFLOW™

Traffic insights for your multimodal projects

TrafxFLOW supports the growing needs of data that goes beyond counts. It is an on-demand video-based solution that provides various multimodal traffic metrics through an online dashboard. Using almost any video source, practitioners can get accurate and diverse data metrics to plan, design and evaluate the performance of road geometry and signalization changes, traffic calming, and curbside projects.
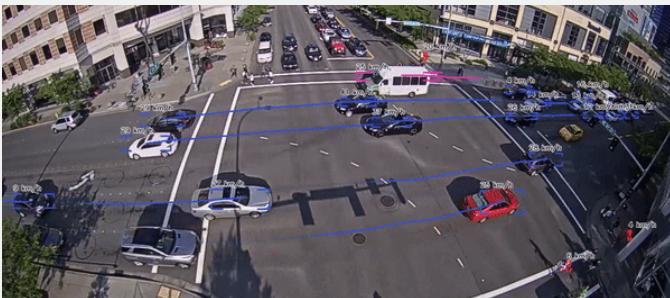
TRANSOFT SOLUTIONS™

TRAFFIC SURVEY & ANALYSIS

Traffic survey video analysis is used to provide insight for road planning and design through metrics such as:

- Counts classified by mode and mode share
- Counts classified by turning movements and lane occupancy
- Estimates of average annual daily traffic (AADT) for vehicles
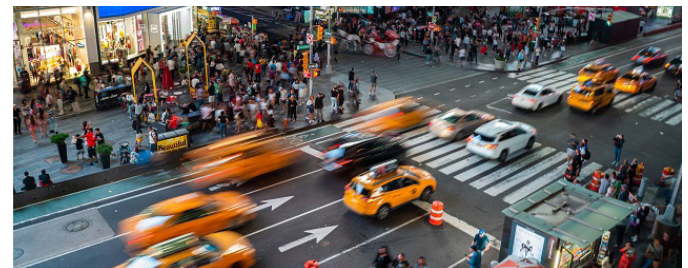- Gap acceptance time and traffic density

SPEED ANALYSIS

Speed studies provide information on general speed trends, reasonable speed limits, and safety through:

- Operating speeds over time and by mode
- Speed by movement (median, 15th, and 85th percentile speeds)
- Acceleration and deceleration

STANDARD PERFORMANCE MEASUREMENTS

Accelerate your design and analysis workflow by obtaining pre-calculated frequently used traffic performance data, such as the Highway Capacity Manual (HCM) with automated metrics including:

- Peak hour factor (PHF)
- Level of service by mode
- Queue length
- Average delays

TRAFFIC OPERATIONS

Optimize and manage the built environment to maximize mobility and access through...

- Lane utilization (bike and HOV lanes, delivery zones, etc)
- Curbside management
- Sidewalk flow analysis
- Intersection and lane blockage

TRANSOFT SOLUTIONS

BENEFITS

Planning and designing road facilities for motorized and vulnerable road users requires new data sources to identify traffic flow performance issues and multimodal patterns. The optimization of urban space starts with a deep understanding of road and curbside utilization.

SCALABLE

Analyze multiple sites quickly and affordably using almost any type of camera.

MULTIMODAL

Classify and track over 15 vehicle and vulnerable road user types using a single camera.

RELIABLE

Count and speed accuracy levels that have been validated to be above industry standards.

COMPREHENSIVE

Interactive web-based dashboards and rich datasets available when you need them.

TRANSOFT SOLUTIONS

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.

Toll Free
1.888.244.8387 (US & Canada)

Phone
604.244.8387

Email
info@transoftsolutions.com

Website
www.transoftsolutions.com

TRANSOFT SOLUTIONS