



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.

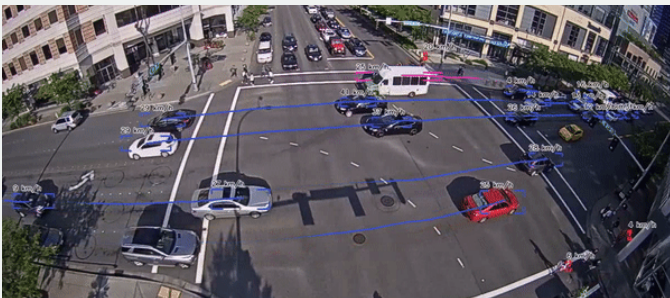
TRAFFIC SURVEY & ANALYSIS

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 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



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.

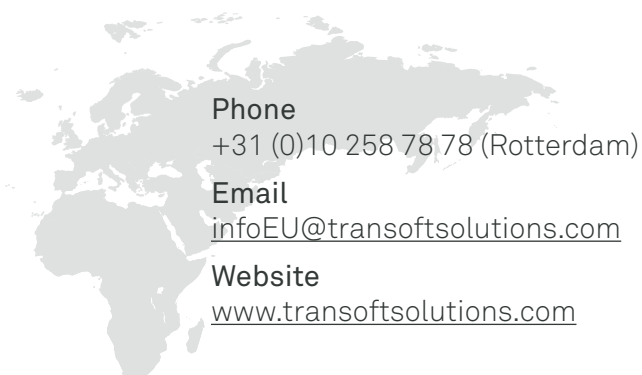


ABOUT TRANSOFT SOLUTIONS

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