

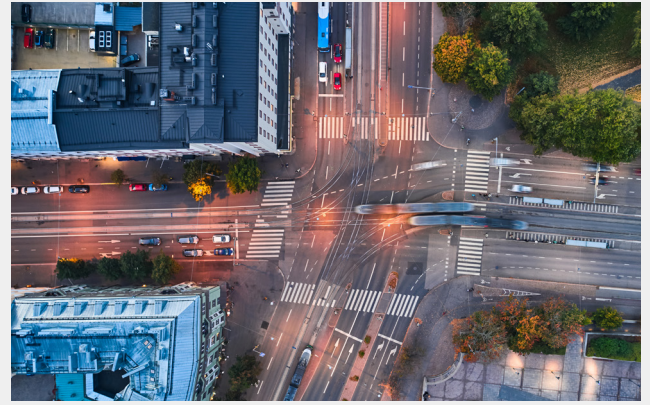


# Video Analytics for Traffic Studies

Leverage your video data to get  
rich traffic intelligence

## 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

Analyse your sites 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.



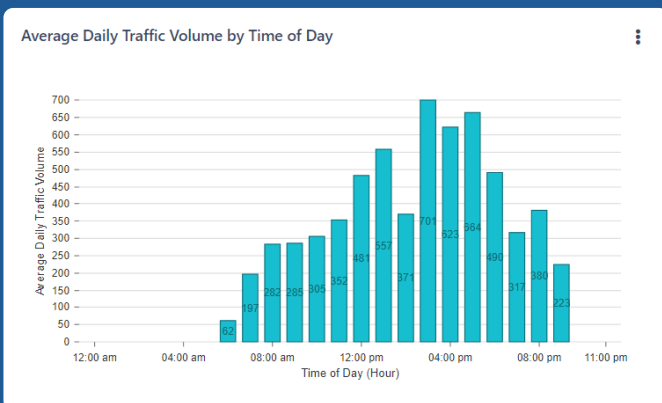
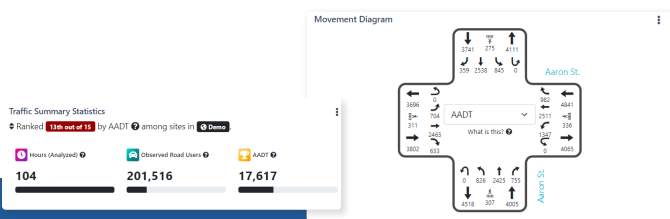
### Precise

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.



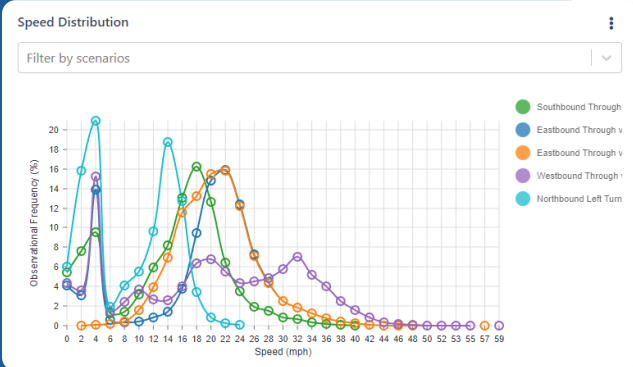
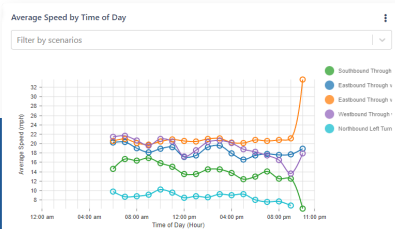
Elevate your transportation projects and maintain control of your analysis with rich traffic insights and complete views of your study sites.

## 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.

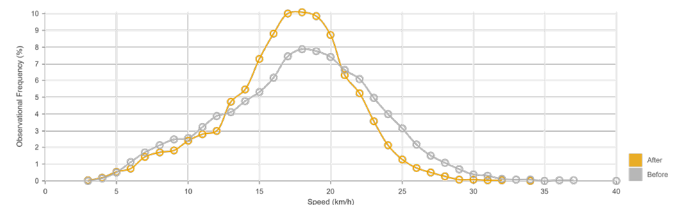
TIME OF DAY	NL	↑NT	NR	EL	↑ET	ER	SL	↑ST	↑SR	WL	WT	WR	NCW	ECW
15:00	1	128	11	-	25	6	0*	128	21	0	62	16	53	7
15:15	2	132	9	-	25	6	0*	130	25	1	55	19	61	13
15:30	0	136	9	-	24	4	0*	134	30	0	52	13	57	4
15:45	0	122	8	-	21	6	1*	121	25	0	58	16	52	6
16:00	0	125	11	-	21	9	-	131	33	0*	64	19	56	9
16:15	0	117	7	-	28	8	-	135	28	1*	55	22	66	4
16:30	1	117	7	-	31	4	-	128	31	1*	60	18	70	13
16:45	1	137	10	-	32	9	-	135	23	0*	69	21	56	9
17:00	0	141	11	1*	32	9	-	139	32	0	62	22	49	7
17:15	1	128	8	0*	26	9	-	154	29	0	66	21	40	6
17:30	1	120	9	0*	31	5	-	134	33	1	67	18	53	10
17:45	1*	126*	8*	0*	30*	5*	-	146*	30*	0*	69*	23*	48*	7*
18:00	1*	121	9	0*	29	7	-	132	34	1	63	21	45	9
18:15	1*	99	6	0*	25	7	-	134	29	1	53	20	52	4
18:30	0*	88	6	0*	24	7	-	117	25	0	66	19	41	4
18:45	2*	93	8	1*	25	7	-	100	25	0	55	19	46	7
19:00	0	87	8	-	26	5	0*	91	39	0	58	18	42	4
19:15	1	72	5	-	25	4	1*	83	29	0	60	16	37	4
19:30	0	70	6	-	21	5	0*	90	29	1	61	18	41	3
19:45	1	68	5	-	19	4	0*	78	22	1	51	13	44	3



## Speed analysis

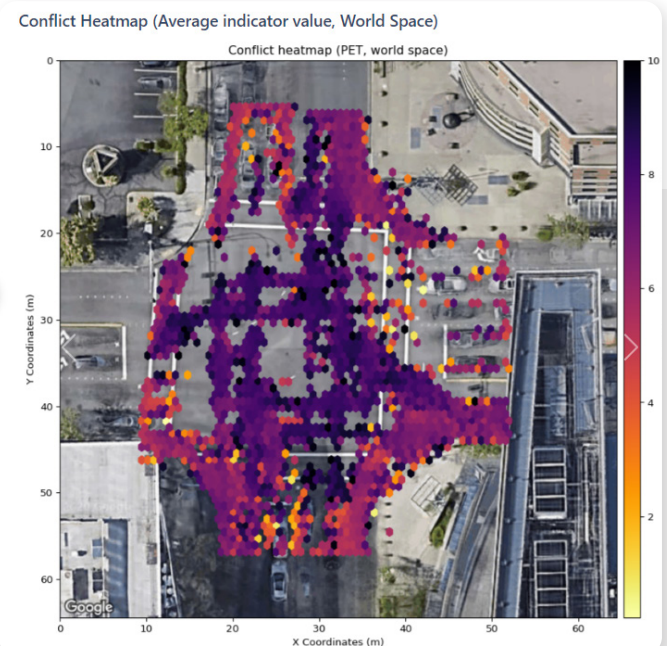
Dive deep into TrafxFLOW's speed data to identify various trends at your study location, including queue buildups and speeding.

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 comparisons and behavioral analysis

Compare metrics within the same site or between similar locations to have better grip of your data. By comparing traffic volume, road user or speed distribution data, you can come to meaningful conclusions. Also consider using TrafxFLOW's rich data collected from your video to gain insights into road user behavior, including illegal movement analysis, intersection blocking, and more.







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