ALL TRAFFIC
SOLUTIONS

Connected Solutions for Better Traffic Safety Outcomes

COUNT, CLASSIFICATION AND SPEED REPORTS

AllTrafficSolutions.com

WHY YOU NEED
TRAFFIC DATA
AT YOUR FINGERTIPS

As traffic in your municipality continues to grow and budgets continue to shrink, having fast access to real time traffic data and reports helps you to calm traffic, improve traffic safety and much more.

All ATS traffic devices can securely gather, upload and distribute your traffic safety program data using TraffiCloud®, our web-based traffic management ecosystem. TraffiCloud lets you manage your devices and data from any Internet-ready device, anytime.

Generate reports in real time for traffic studies
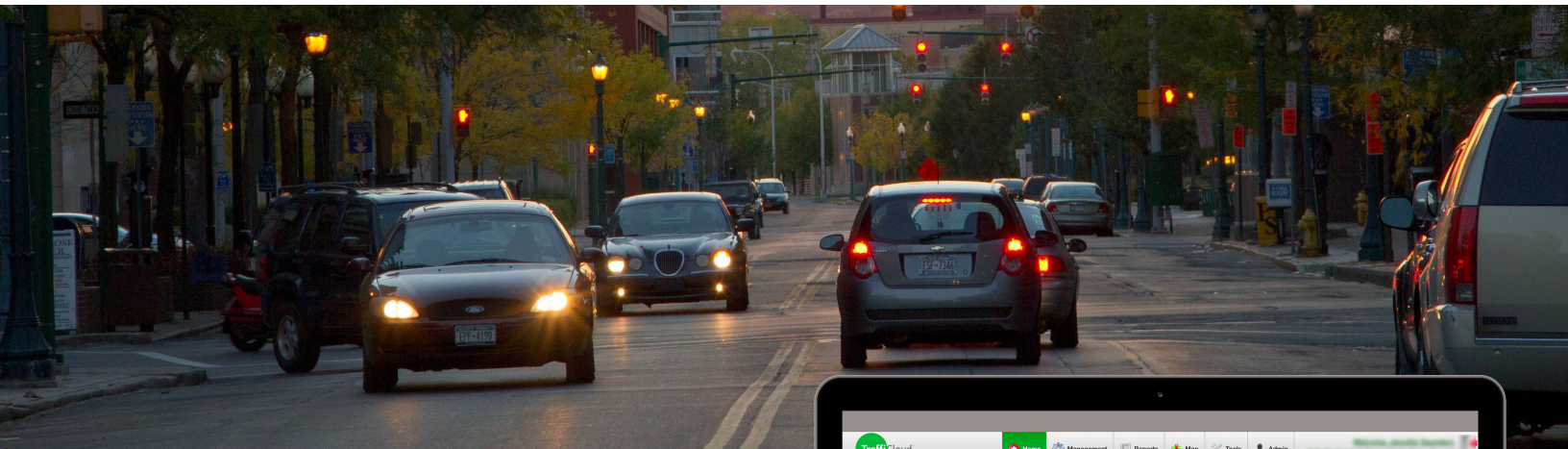
Reduce manual data collection and file management

Make more informed decisions and transportation planning strategies

**Demonstrate need for funding and on grant applications**

Resolve complaints and improve community relations

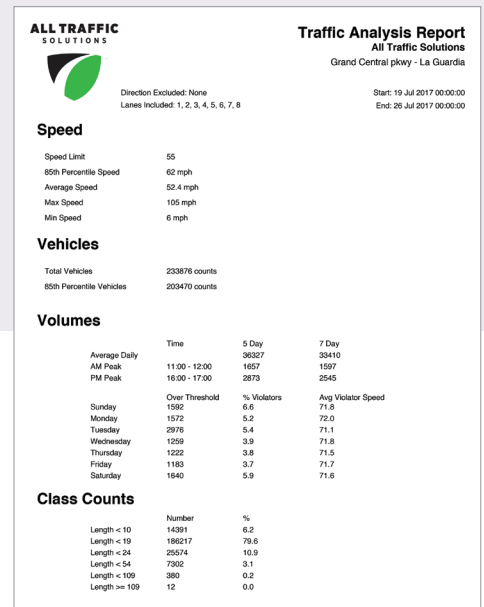## VIEW DASHBOARDS AND REPORTS OF ALL YOUR COLLECTED DATA IN REAL TIME.

Leverage counting, classification and speed volume data to monitor the flow of traffic throughout your municipality from anywhere. Send conditional and speed-dependent messages to one or more signs simultaneously from one central location based on current conditions. Make more insightful decisions based on data analytics from all your traffic program components.
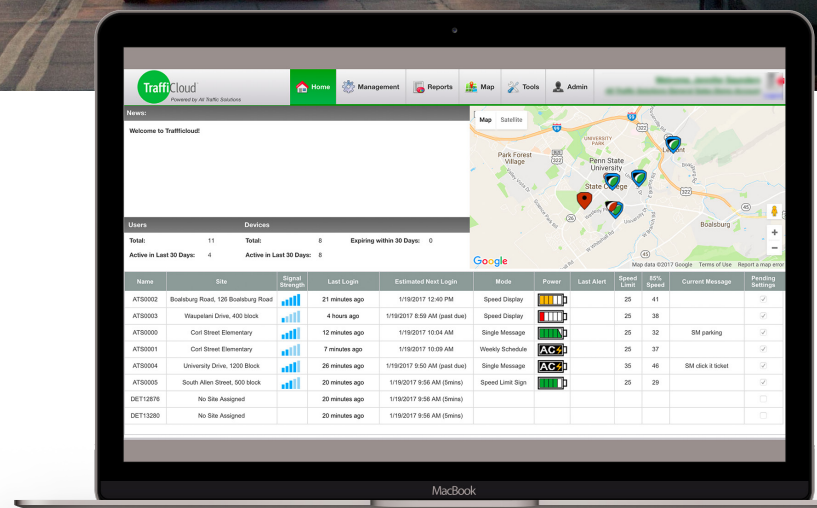
These reports were generated in the TraffiCloud traffic management system using data gathered and uploaded automatically from a SpeedLane Pro vehicle counter classifier and speed measurement device.

Traffic Analysis Report

Includes summary data for a single location for a specific date range and time period. Includes min / max / avg / 85th percentile speeds; vehicle counts by total vehicles and vehicles traveling within the 85th percentile; volume data by day of the week, daily average and AM / PM peak times; a breakdown of total / percentage of violators and their average speed by day of the week; and total / percentage of vehicles by classification.

Classification by Lane Report

Displays hourly vehicle classification counts for a specified date and time period at hourly intervals. Broken out by lane number and direction of travel.

Classification by Lane Chart

Charted representation of traffic volume counts by vehicle classification and lane number for a specified date range and time period.

Average Classification by Direction Report

Displays vehicle classification count averages by direction of travel for a specific date and time period at hourly intervals.

Average Classification by Direction Charts

ALL TRAFFIC SOLUTIONS
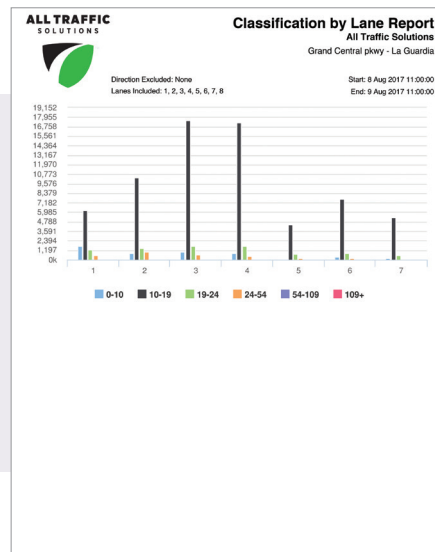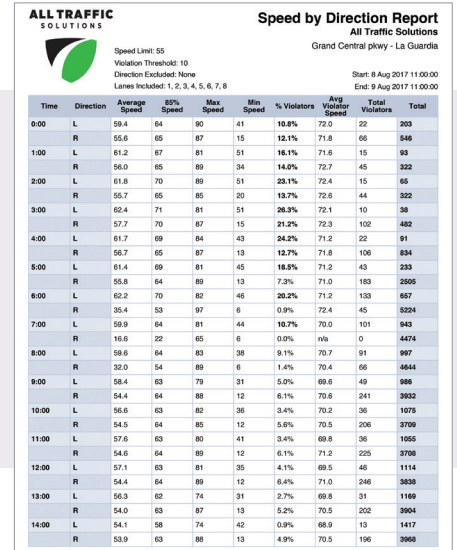
Avg Classification by Direction
All Traffic Solutions
Grand Central pkwy - La Guardia

Direction Excluded: None
Lanes Included: 1, 2, 3, 4, 5, 6, 7, 8
Start: 8 Aug 2017 11:00:00
End: 9 Jul 2017 00:00:00

Count by Lane by Direction (chart, legend: L, R)

Class Count by Direction (chart, legend: 0-10, 10-19, 19-24, 24-54, 54-109, 109+)
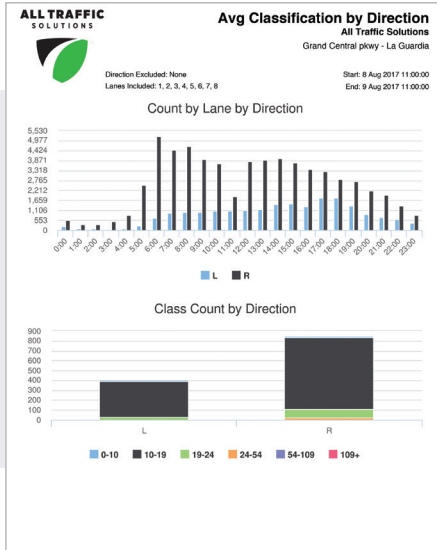
Charted representations of vehicle classification count averages by lane number and direction of travel, and vehicle classification count averages by direction of travel only. Both for a specific date and time period.

Speed by Direction Chart

ALL TRAFFIC SOLUTIONS

Speed by Direction Report
All Traffic Solutions
Grand Central pkwy - La Guardia

Speed Limit: 55
Violation Threshold: 10
Direction Excluded: None
Lanes Included: 1, 2, 3, 4, 5, 6, 7, 8
Start: 8 Aug 2017 11:00:00
End: 9 Aug 2017 11:00:00

Direction 1 Speed (chart, legend: Avg Speed, 85% Speed, Speed Limit)

Direction 2 Speed (chart, legend: Avg Speed, 85% Speed, Speed Limit)

Charts display total counts by average speed, 85th percentile speed and speed limit by direction of travel for a specific date and time period.

Speed by Direction Report

ALL TRAFFIC SOLUTIONS

Speed by Direction Report
All Traffic Solutions
Grand Central pkwy - La Guardia

Speed Limit: 55
Violation Threshold: 10
Direction Excluded: None
Lanes Included: 1, 2, 3, 4, 5, 6, 7, 8
Start: 8 Aug 2017 11:00:00
End: 9 Aug 2017 11:00:00

Time	Direction	Average Speed	85% Speed	Max Speed	Min Speed	% Violators	Avg Violator Speed	Total Violators	Total
0:00	L	59.4	64	90	41	10.8%	72.0	22	203
	R	55.6	65	87	15	12.1%	71.8	66	546
1:00	L	61.2	67	81	51	16.1%	71.6	15	93
	R	56.0	65	89	34	14.0%	72.7	45	322
2:00	L	61.8	70	89	51	23.1%	72.4	15	65
	R	55.7	65	85	20	13.7%	72.6	44	322
3:00	L	62.4	71	81	51	26.3%	72.1	10	38
	R	57.7	70	87	15	21.2%	72.3	102	482
4:00	L	61.7	69	84	43	24.2%	71.2	22	91
	R	56.7	65	87	13	12.7%	71.8	106	834
5:00	L	61.4	69	81	41	18.5%	71.2	43	233
	R	55.8	64	89	13	7.3%	71.0	183	2505
6:00	L	62.2	70	82	46	20.2%	71.2	133	657
	R	35.4	53	97	6	0.9%	72.4	45	5224
7:00	L	59.9	64	81	44	10.7%	70.0	101	943
	R	16.6	22	65	6	0.0%	n/a	0	4474
8:00	L	59.6	64	83	38	9.1%	70.7	91	997
	R	32.0	54	89	6	1.4%	70.4	66	4644
9:00	L	58.4	63	79	31	5.0%	69.6	49	986
	R	54.4	64	88	12	6.1%	70.6	241	3932
10:00	L	56.6	63	82	36	3.4%	70.2	36	1075
	R	54.5	64	85	12	5.6%	70.5	206	3709
11:00	L	57.6	63	80	41	3.4%	69.8	36	1055
	R	54.6	64	89	12	6.1%	71.2	225	3708
12:00	L	57.1	63	81	35	4.1%	69.5	46	1114
	R	54.4	64	89	12	6.4%	71.0	246	3838
13:00	L	56.3	62	74	31	2.7%	69.8	31	1169
	R	54.0	63	87	13	5.2%	70.5	202	3904
14:00	L	54.1	58	74	42	0.9%	68.9	13	1417
	R	53.9	63	88	13	4.9%	70.5	196	3968

Displays overall speed average, 85th percentile, maximum and minimum speed, and total counts ––as well as violator percentage, average speed and total counts––by direction of travel for a specific date and time period at hourly intervals. User sets violator threshold level as part of report criteria.

Volume by Time by Direction

ALL TRAFFIC SOLUTIONS

Volume by Time by Direction
All Traffic Solutions
Grand Central pkwy - La Guardia

Direction Excluded: None
Lanes Included: 1, 2, 3, 4, 5, 6, 7, 8
Start: 19 Jul 2017 00:00:00
End: 26 Jul 2017 00:00:00

Time	Direction	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Average
0:00	L	277	165	148	129	140	194	288	192
	R	123	70	66	70	62	64	107	80
0:30	L	242	116	97	78	116	124	227	143
	R	95	44	55	51	54	57	64	60
1:00	L	184	88	71	62	85	94	203	112
	R	73	38	38	41	55	54	71	53
1:30	L	134	71	54	38	58	69	134	80
	R	41	35	36	39	37	46	56	41
2:00	L	128	34	40	28	46	56	129	66
	R	56	40	38	32	33	34	40	39
2:30	L	116	54	43	34	40	58	126	67
	R	47	45	42	53	41	31	44	43
3:00	L	109	47	35	27	51	48	84	57
	R	32	36	36	30	35	37	37	35
3:30	L	81	42	20	33	26	38	79	46
	R	41	47	56	55	45	59	62	52
4:00	L	76	41	42	45	37	53	65	51
	R	45	52	38	53	53	46	50	48
4:30	L	76	65	39	65	59	70	83	65
	R	46	68	71	75	55	76	68	66
5:00	L	64	72	60	93	81	110	92	82
	R	67	89	62	89	87	84	70	78
5:30	L	70	159	132	160	200	195	99	145
	R	77	152	130	187	168	176	89	140
6:00	L	129	249	207	261	289	256	149	223
	R	84	212	180	248	246	213	121	186
6:30	L	107	345	242	382	371	338	170	279
	R	96	268	238	326	301	293	119	234
7:00	L	136	406	296	399	431	412	195	325
	R	94	320	258	368	362	360	119	269

Displays traffic volume by day of the week and direction of travel, as well as overall average traffic volume, for a specific date and time period at hourly intervals.

Classification by Direction Report
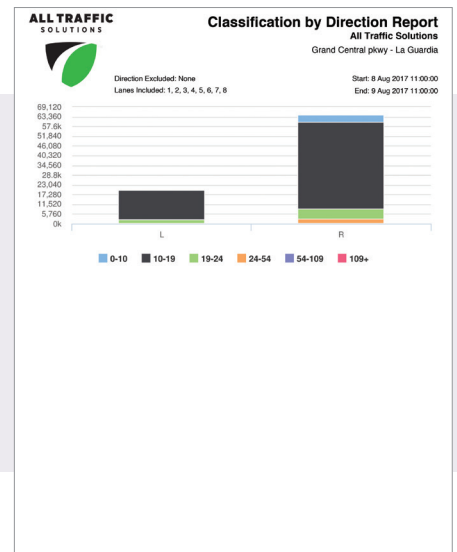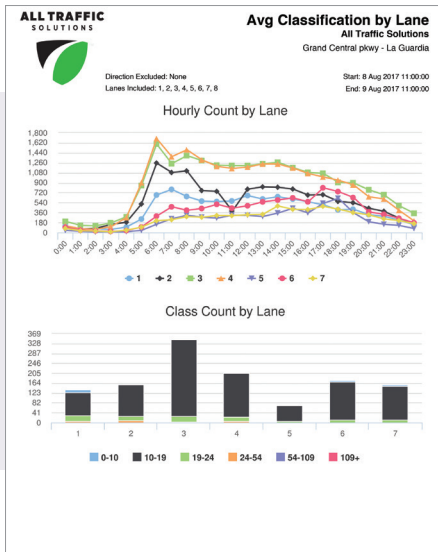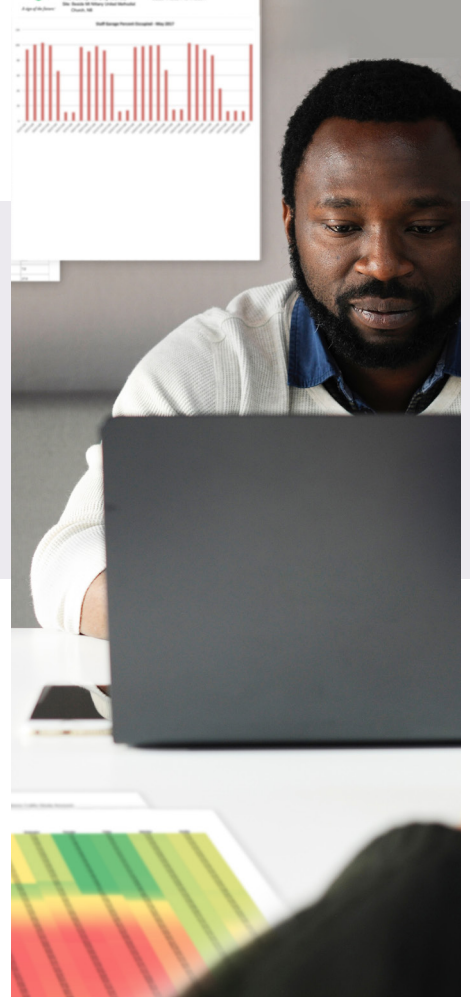
ALL TRAFFIC SOLUTIONS

Classification by Direction Report
All Traffic Solutions
Grand Central pkwy - La Guardia

Direction Excluded: None
Lanes Included: 1, 2, 3, 4, 5, 6, 7, 8
Start: 8 Aug 2017 11:00:00
End: 9 Aug 2017 11:00:00

Date	Time	Direction	0-10	10-19	19-24	24-54	54-109	109+	Total
2017-08-08	11:00	L	32	866	135	22	0	0	1055
		R	141	2873	459	218	16	0	3707
	12:00	L	32	928	119	35	0	0	1114
		R	146	2975	473	232	12	0	3838
	13:00	L	22	959	155	33	0	0	1169
		R	145	3116	393	233	17	0	3904
	14:00	L	31	1204	150	32	0	0	1417
		R	160	3128	475	192	13	0	3968
	15:00	L	36	1234	179	31	0	0	1480
		R	115	2997	442	159	8	0	3721
	16:00	L	21	1109	153	40	0	0	1323
		R	141	2784	321	132	4	0	3382
	17:00	L	57	1604	127	18	0	0	1806
		R	128	2707	296	112	7	0	3250
	18:00	L	110	1529	116	20	0	0	1775
		R	102	2361	276	79	2	0	2820
	19:00	L	61	1175	89	20	1	0	1346
		R	108	2285	236	79	2	0	2710
	20:00	L	31	777	69	7	0	0	884
		R	66	1836	212	60	2	0	2176
	21:00	L	14	640	62	6	0	0	722
		R	91	1676	165	45	6	0	1961
	22:00	L	21	529	41	8	0	0	599
		R	49	1172	109	38	1	0	1369
	23:00	L	11	366	28	1	0	0	406
		R	19	722	87	22	1	0	851
2017-08-09	0:00	L	5	177	18	3	0	0	203
		R	15	461	53	14	3	0	546
	1:00	L	2	78	11	2	0	0	93
		R	3	270	33	15	1	0	322

Displays vehicle classification counts by direction of travel for a specific date and time period at hourly intervals.

Classification by Direction Chart

ALL TRAFFIC SOLUTIONS

Classification by Direction Report
All Traffic Solutions
Grand Central pkwy - La Guardia

Direction Excluded: None
Lanes Included: 1, 2, 3, 4, 5, 6, 7, 8
Start: 8 Aug 2017 11:00:00
End: 9 Aug 2017 11:00:00

(chart, legend: 0-10, 10-19, 19-24, 24-54, 54-109, 109+)

Charted representation of vehicle classification count totals for combined directions of travel for a specific date and time period.

Average Compliance and Risk by Lane

Displays average counts by speed compliance risk level, lane number and direction of travel for a specific date and time period at hourly intervals.

Average Classification by Lane Report

Displays average vehicle classification counts by lane number and direction of travel for a specific date and time period at hourly intervals.

Average Classification by Lane Chart

Charted representations of average and total vehicle classification counts by lane number for a specific date and time period at hourly intervals.

Average Compliance and Risk by Direction

Displays average counts by speed compliance risk level and direction of travel for a specific date and time period at hourly intervals.

Speed by Lane Report

Displays overall speed average, 85th percentile, maximum and minimum speed, and total counts––as well as violator percentage, average speed and total counts––by lane number for a specific date and time period at hourly intervals. User sets violator threshold level as part of report criteria.

Non-intrusive Traffic Sensing Technology – Say Goodbye to Road Tubes

ATS vehicle counter classifiers with speed measurement are fully integrated, multilane, bidirectional traffic data gathering devices that feature:

- ✓ Small in size, no-hassle field setup
- ✓ Non-intrusive sensing technology
- ✓ Extremely low power that ensures operational safety during installation and data retrieval

Eliminate traffic data file management. All of our data collection models, combined with the TraffiCloud™ web-based remote management service, allow you to automatically upload data and generate reports from any Internet-connected device.

SPEEDLANE PRO

SpeedLane Pro does it all. Accurately detect lane, speed and class of individual vehicles and compute per-lane volume, occupancy, gap, average speed, 85th percentile and headway parameters in up to 16 user-defined lanes.

STATTRAK

- Collects vehicle counts, speed volume and basic classification data
- Provides basic vehicle classification (S, M, L)
- Up to two weeks run time on one charge
- Simple point-and-go installation with audible signal to confirm aim

Talk to a Solutions Specialist or get a quote at AllTrafficSolutions.com

For more information visit us online AllTrafficSolutions.com

✉ sales@alltrafficsolutions.com   📞 Call ATS at 866.366.6602

All Traffic Solutions. 12950 Worldgate Drive, Suite 310, Herndon, VA 20170

©All Traffic Solutions TraffiCloud leverages our patented technology (US Patents 8417442; 8755990; 9070287; 9411893) to deliver unique cloud-based management, features and functionality. TraffiCloud is a registered trademark of All Traffic Solutions.