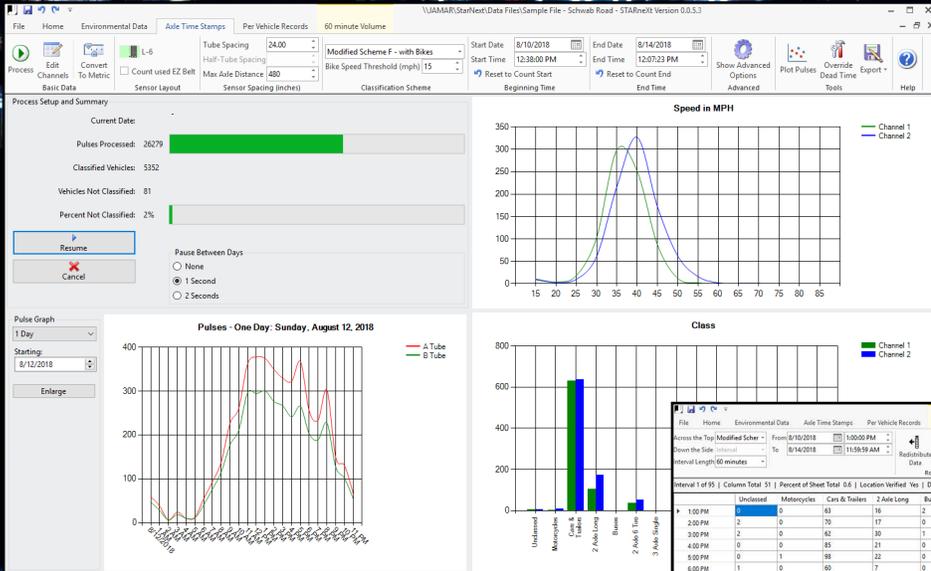


NEW

STARneXt



The screenshot shows a detailed data table from the STARneXt software. The table has columns for time intervals (e.g., 1:00 PM, 2:00 PM) and various vehicle classes. The classes include Unclassified, Motorcycles, Cars & Trailers, 2 Aisle Long, Buses, 2 Aisle 6 Tire, 3 Aisle Single, 4 Aisle Single, 5 Aisle Double, 6 Aisle Double, 6 Aisle Multi, and Bicycles. The table contains numerical data for each class across the time intervals.

Next Generation JAMAR Software for Traffic Data Analysis & Reporting



JAMAR
Technologies, Inc.

Making Data Collection Easier

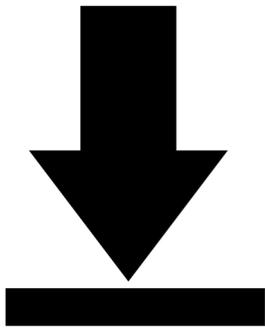
STARnext

JAMAR Technologies is proud to announce the pending release of STARnext - the next generation of software for traffic analysis and reporting. STARnext will replace TRAXPro in 2019 as the software for use with JAMAR TRAX and Radar automatic traffic data recorders.

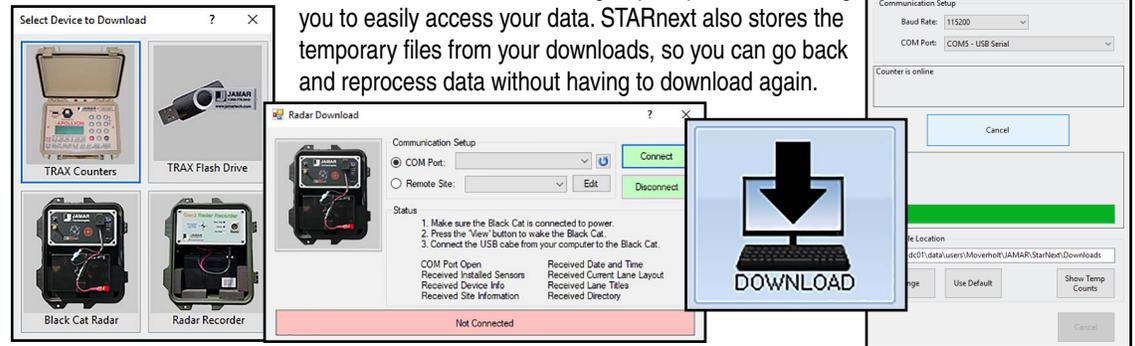
Released in 2001, TRAXPro quickly became an industry standard for the processing of data from automatic traffic recorders. However, 18 years is a long time in the realm of software and the time has come for replacement.

Building on the foundation of TRAXPro's data processing method, we have both improved the accuracy and efficiency of the process as well as enhanced usability to create a new, cutting edge software platform. STARnext provides the many options and features our customers demand, while retaining the user friendliness for which JAMAR has come to be known.

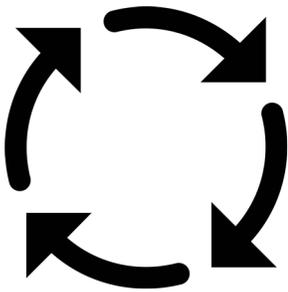
Download



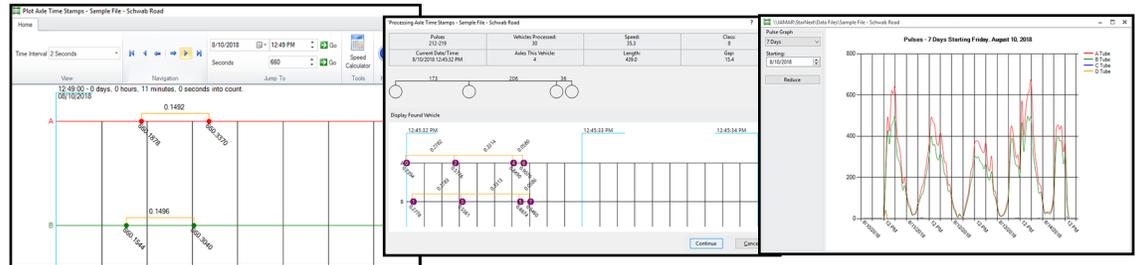
STARnext will download data from the TRAX line of road tube counters as well as JAMAR's radar data recorders. STARnext makes downloading a quick process, allowing you to easily access your data. STARnext also stores the temporary files from your downloads, so you can go back and reprocess data without having to download again.



Process



TRAX data recorders will time stamp every axle that was recorded during a traffic study. Data that has been collected in this style can be formatted in a multitude of ways providing unparalleled flexibility in data analysis. With time stamped data, you can process your data with different layouts, or correct any settings that may have been used incorrectly in the field. You can also check the integrity of your data collection with several different views.



Analyze



Once the time stamps of the basic data have been processed into actual vehicles, a vehicle table for the study is created. This table contains detailed information on every vehicle that was recorded, including time, lane, speed, classification, gap & following distance from previous vehicle, and axle spacing. When working with the Per Vehicle table, STARnext allows you to select specific parameters for deciding how to process the data, including what schemes to use. You also have the ability to filter out vehicles based on specific characteristics.

Class	Volume	Avg. Speed	Avg. Wheelbase	Avg. Gap
Unsorted	120	6.1	42.0	35.0
1- Motorcycles	27	43.4	62.0	260.3
2- Cars & Trailers	6373	40.3	40.3	
3- 2 Axle Long	1636	41.0		
4- Buses	49	36.3		
5- 2 Axle 6' Time	916	41.0		
6- 3 Axle Single	139	34.8		
7- 4 Axle Single	2	31.1		
8- 5 Axle Double	54	36.3		
9- 5 Axle Double	33	33.8		
10- 5 Axle Double	1	29.4		
11- 6 Axle Multi	0	-		
12- 6 Axle Multi	0	-		
13- 6 Axle Multi	1	31.3	663.0	12.0
14- Bicycles	70	16.8	49.5	99.2

#	Time	Channel	Speed (MPH)	Class	Class Spec	Gap	Headway	Follow Dist. (Inches)	Length (Inches)
1	8/10/2018 12:40:22 PM	1	36.0	3	4	142.6	142.6	90314.7	157.0
2	8/10/2018 12:40:37 PM	1	41.0	2	3	14.8	15.1	10663.2	136.0
3	8/10/2018 12:40:37 PM	1	37.4	3	4	24.2	24.4	13957.0	142.0
4	8/10/2018 12:40:37 PM	1	37.4	3	4	210.5	210.5	164010.0	189.0
5	8/10/2018 12:40:37 PM	1	5.2	2	3	5.0	5.2	3828.5	139.0
6	8/10/2018 12:40:37 PM	1	38.5	3	4	38.5	38.8	0.0	0.0
7	8/10/2018 12:40:37 PM	1	1.3	3	4	1.3	1.3	0.0	0.0
8	8/10/2018 12:40:37 PM	1	16.2	3	4	16.2	16.4	11888.3	169.0
9	8/10/2018 12:40:37 PM	1	6.6	3	4	6.6	6.8	4752.0	143.0
10	8/10/2018 12:40:37 PM	1	17.3	3	4	17.3	17.6	10353.1	128.0
11	8/10/2018 12:40:37 PM	1	2.7	3	4	2.7	2.9	1810.7	128.0
12	8/10/2018 12:40:37 PM	1	35.5	3	4	35.5	35.7	23096.6	141.0
13	8/10/2018 12:40:37 PM	1	22.6	3	4	22.6	22.8	13796.1	181.0
14	8/10/2018 12:43:22 PM	2	38.8	2	3	3.9	4.2	2663.3	135.0
15	8/10/2018 12:43:29 PM	2	40.1	2	3	6.8	7.0	4768.9	132.0

Date (* = partial day)	AM Peak Time	AM Volume	Largest 15 Minute Interval Time	Largest 15 Minute Interval Volume	AM Peak Hour Factor	PM Peak Time	PM Volume	Largest 15 Minute Interval Time	Largest 15 Minute Interval Volume	PM Peak Hour Factor
8/10/2018	No AM data...					04:17 - 05:16	246	04:54 - 05:08	75	0.820
8/11/2018	10:51 - 11:50	148	11:08 - 11:22	40	0.925	12:08 - 01:07	205	12:23 - 12:37	61	0.840
8/12/2018	10:51 - 11:50	145	11:33 - 11:47	43	0.843	01:14 - 02:13	152	01:39 - 01:53	44	0.864
8/13/2018	07:20 - 08:19	191	07:48 - 08:02	61	0.783	04:28 - 05:27	250	04:32 - 04:46	73	0.856
8/14/2018	07:11 - 08:10	201	07:40 - 07:54	61	0.824	12:00 - 12:59	32	12:00 - 12:14	32	0.230

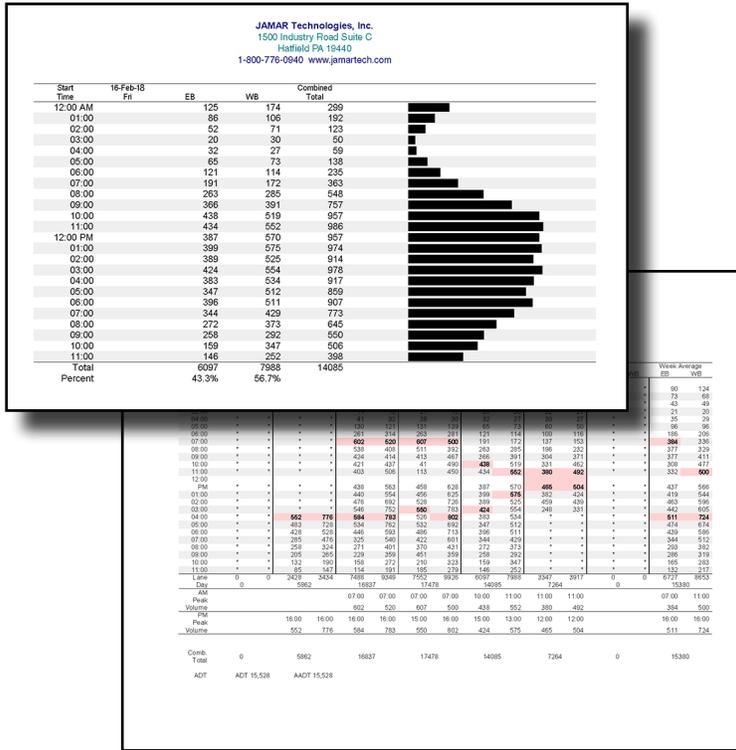
Report



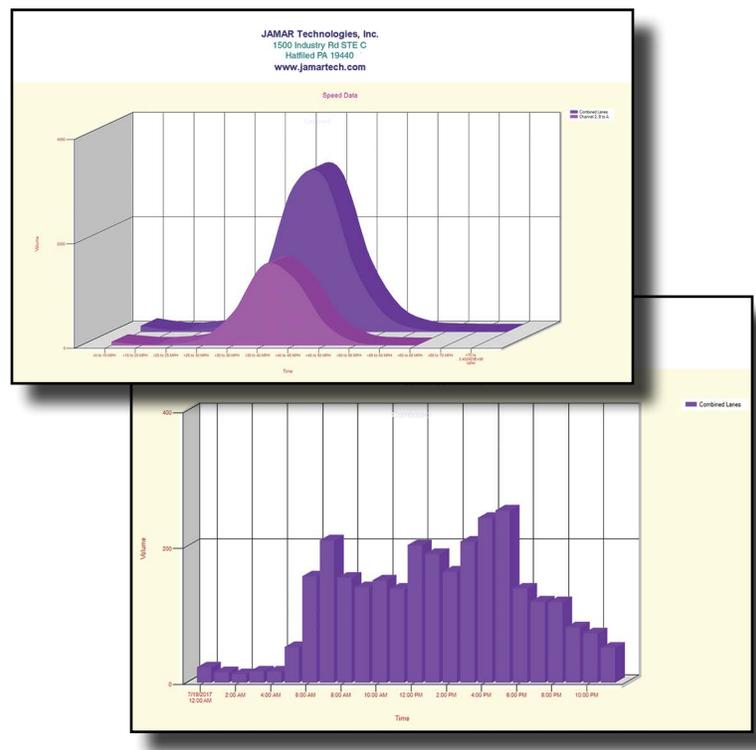
Once you have fully processed and analyzed your data, you are ready to produce reports and graphs. STARnext comes preloaded with a wide variety of report options, and the Report Designer feature lets you do even more customizing. You can pick specific dates and times for the report, decide what location information to include, select from a variety of report titles and more.



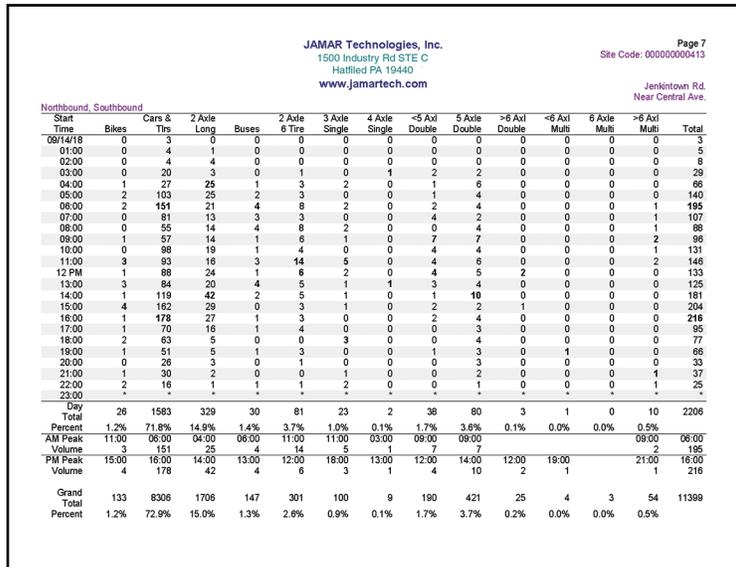
• Volume Reports



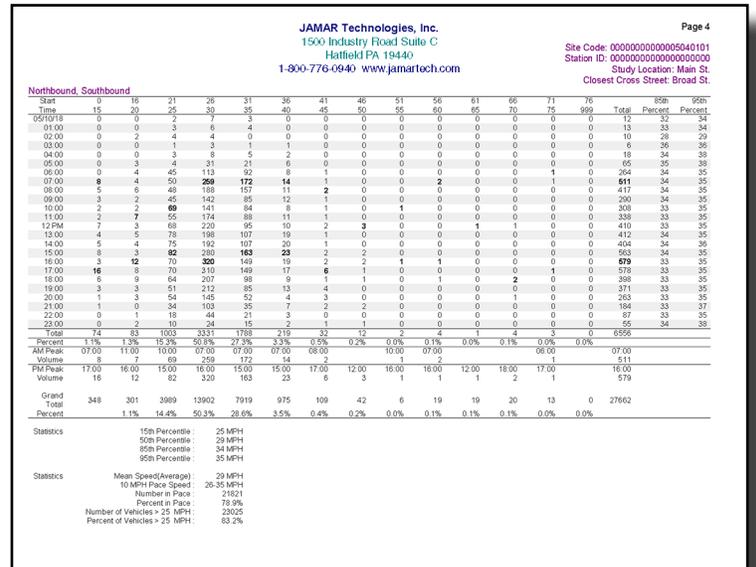
• Graphs



• Class Reports



• Speed Reports



What's New in STARnext

• All Data Formats Contained in One File

STARnext brings all the possible data formats of tube and radar counters under one file, which means one file can contain your axle time stamp data, your per vehicle records, and all the binned data you would like, including class, speed, gap and volume.

	>0 to 15	>15 to 20	>20 to 25	>25 to 30	>30 to 35	>35 to 40	>40 to 45
10:00 AM	2	0	1	4	16	18	8
11:00 AM	1	0	0	4	15	28	17
12:00 PM	1	0	0	2	21	44	25
1:00 PM	1	1	1	5	18	32	18
2:00 PM	0	0	1	6	23	40	19
3:00 PM	0	0	3	7	12	45	24
4:00 PM	2	0	0	5	18	44	63
5:00 PM	1	0	0	1	10	57	52
6:00 PM	0	0	0	1	10	27	31
7:00 PM	1	0	0	1	9	23	11

• Data Verification

Data Verification allows you to be sure that the data you are seeing is a true representation of the data that was collected and has not been substantially altered. The data verified lock is applied to any data that has been directly processed from axle time stamps or the per vehicle table. Data that has been manually modified will be shown as unlocked and unverified.

	>0 to 15	>15 to 20	>20 to 25	>25 to 30	>30 to 35
10:00 AM	2	0	1	4	16
11:00 AM	1	0	0	4	15

• Automated File Processing after Download

A new feature in STARnext is the ability to automate the data processing of files once they have been downloaded. In the past, processing data has required numerous mouse clicks and selections to get the final results you want. Now, the Automate Process function will automatically apply Preference setting you have selected and take you directly to the output you want.

Process Downloaded TRAX Data

Last Downloaded File In: J:\AMAR\StarNext\Downloads

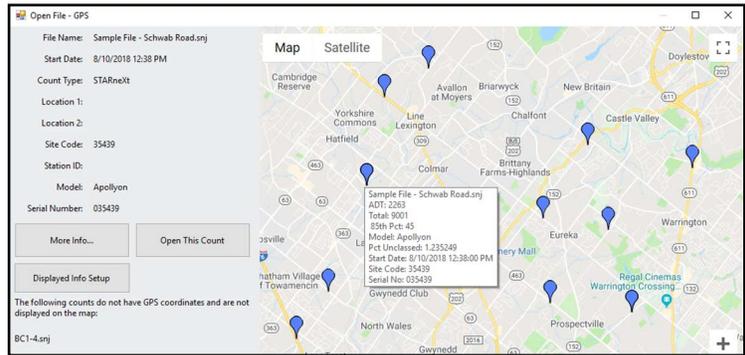
Change Folder

Process Selected **Automate Process**

TPD180530 082149.dmp - 2/11/2018 9:37:00 AM
 TPD180530 082149.dmp - 2/12/2018 9:46:00 AM
 TPD180530 082149.dmp - 2/13/2018 9:48:00 AM
 TPD180530 082149.dmp - 2/14/2018 9:16:00 AM
 TPD180530 082149.dmp - 2/19/2018 9:48:00 AM
 TPD180530 082149.dmp - 2/21/2018 9:41:00 AM
 TPD180530 082149.dmp - 2/22/2018 9:49:00 AM
 TPD180530 082149.dmp - 2/23/2018 9:46:00 AM
 TPD180530 082149.dmp - 2/24/2018 9:48:00 AM

• Map Interface for Opening Data Files

Data Files that have GPS coordinates (like those collected with the TRAX Apollyon Plus II), can be accessed through a Google Maps interface. This provides a great way to visually organize your traffic counts.



• Location Verification

Location Verification allows you to be sure that the data you are seeing was, in fact, collected where you thought it was. When using a TRAX counter equipped with a GPS receiver (like the TRAX Apollyon Plus II) GPS coordinates are downloaded and stored throughout the duration of the count. This allows you to be sure the data was collected at the right spot and the counter was not moved during the count.



• Built-in Daylight Savings Adjustment

STARnext has the ability to automatically adjust data for daylight savings. Using a built-in database of daylight savings dates and times, processed data can automatically adjust for springing forward or falling back.

Edit Preferences

General File Locations Counts Correction Factors Binned Data Daylight Savings Time

Year	Start DST	DS
2019	3/10/2019 2:00 AM	11/
2020	3/8/2020 2:00 AM	11/
2021	3/14/2021 2:00 AM	11/
2022	3/13/2022 2:00 AM	11/
2023	3/12/2023 2:00 AM	11/
2024	3/10/2024 2:00 AM	11/
2025	3/9/2025 2:00 AM	11/

Daylight Savings Time Default

Adjust for DST

Do not adjust for DST