



Solving traffic timing problems faster than a speeding bullet!

Tools for Every Traffic Engineer

- *Quality-Assured Traffic Signal Coordination*
- *Drafting Arterial Timings Diagrams*
- *Travel Time & Delay Studies (with GPS receiver)*

- Interactive traffic signal coordination
- Signalized networks
- Multiple signal timing plans
- Green bands from x-street left- & right-turn movements
- Green bands from multiple modes of transportation (e.g., cars, buses, light rail, etc.)
- Right- or Left-hand drive rule
- Leading, lagging, & lead-lag protected turn phases
- Double green arrows
- Permitted/protected phases
- Harmonic cycling (2x, 1/2x, 2/3x, 3/2x, 1/3x, 3x, 1/4x, etc.)
- Time-Space, Platoon-Progression, or Time-Location diagrams
- Linkable offsets, timings, & bands
- Eleven offset reference points
- Fixed or variable splits
- Varying speeds along artery
- Acceleration curve on bands from x-street
- Stop, start, continue, taper, or clip green bands
- Start green bands and specific times of day and at specific intervals.
- Optimize cycle length, offsets, & phase sequences
- Fine-tune offsets
- Minimize transition between Timing Plans
- Curved links in the Network View

- Track current position & speed with GPS receiver
- Trip Log trajectories on diagram
- Speed-Distance plots from Trip Logs
- Create Trip Log movies
- Improved Travel Time and Delay Reports with user-defined formulas
- Supports High-Fidelity, Modal Emissions Models! (e.g., CMEM for CO, HC, NO_x, CO₂, etc.)
- Fuel consumption & emissions using second-by-second data
- Compatible with Google Earth and MS Bing Maps
- Easy collection of geographic points
- Customizable Importing of Trip Logs or Geographic Positions
- Import/Export GPX, KML, CSV, TSV, or GIS shapefiles
- Remote control or Voice command control for GPS data collection
- Filter spurious readings from Trip Logs
- Integrates with TEAPAC
- Synchro compatible UTDF files, ver. 2006 or 2.1
- Shows splits, offsets, volumes, etc. directly on diagram
- Timing plan-specific annotations on diagrams or Network View
- Zoom on selected segments
- Agency logos in headers or footers of diagrams and movies
- Timing Reports as .pdf or .html files
- English or metric units
- Many styling options on diagrams
- New styling options for Trip Log Plots

- New!***
- Customizable Importing of Trip Logs or Geographic Positions!
 - Easier Network Setup!
 - Multiple Modes of Transportation! (e.g., cars, buses, light rail, etc.)



Order Form



**Quality-Assured
Traffic Signal Coordination**

Quantity	Product	Description	Price	Total	
	Tru-Traffic 10.0 (First License)	Software Tools for Every Traffic Engineer, One License	\$995		
	Tru-Traffic 10.0 (License #2 - #5)	Additional License #2, #3, #4, or #5 to Tru-Traffic 10.0. Discounted pricing applies to additional licenses used at a specific physical site. This price is for each additional license up to the fifth license.	\$550		
	Tru-Traffic 10.0 (License #6 -)	Additional License #6 or above to Tru-Traffic 10.0. Discounted pricing applies to additional licenses used at a specific physical site. This price is for each additional license after the fifth license.	\$350		
	Tru-Traffic 10.0 (Upgrade)	Upgrade to Tru-Traffic 10.0 from previous version. This price is for each increment in major version number (e.g., upgrade v8 to v10: 2 × \$195 = \$390)	\$195		
	Tru-Traffic 10.0 (Evaluation)	Limited-time Evaluation License to Tru-Traffic 10.0	N/C		
	USGlobalSat BU-353 USB GPS Receiver	GPS Receiver with waterproof casing & magnetic mount, model USGlobalSat BU-353-S4	\$45		
	Qstarz BT-Q1000XT	Bluetooth & USB Data Logger GPS Receiver	\$140		
Delivery Option (check one) <input type="radio"/> Postal. Send me the CD & license and email the license. I'll pay any applicable sales tax in my state. <input type="radio"/> Electronic Only. Don't send the CD, just email the license & I'll download. I may owe no tax this way.					
California customers who either opt for Postal delivery or order a GPS device add Sales Tax.			8.5%		
Shipping. Separate shipping fees apply only to orders that include one or more GPS devices. \$10 for the first GPS device, plus \$4 for each additional GPS device.					
				Total	

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City	
State	Postal Code
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Phone	
Fax	
E-mail Address	
Credit Card number (if applicable)	<input type="radio"/> Visa <input type="radio"/> American Express <input type="radio"/> MasterCard <input type="radio"/> Discover
Security Code	Exp. Date

To place an order payable by check or credit card, please send, fax, or email either

- a Purchase Order
- or —
- the completed Order Form

To order online, please

- visit the web site
www.tru-traffic.com,
- click on *Ordering Information*,
- then *Tru-Traffic Software (online order form)*.

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Comparison of some of the features of the various GPS devices available here.

More details available at <http://www.USGlobalSat.com> and <http://www.qstarz.com>.

GPS Device	USGlobalSat BU-353-S4 USB GPS Receiver	Qstarz BT-Q1000XT Bluetooth Data Logger GPS Receiver
Mounting options	Includes waterproof casing, roof magnetic mount, suction cup, & 5' USB cable for clear view of the sky	Sits on your dashboard
Operates with Tru-Traffic as basic GPS receiver (i.e., "GPS mouse")	Yes	Yes
Logs GPS trips for later download	No	Yes
Logging capacity	(none)	~160,000 points ¹
Power options	USB cable, plugged into laptop	Replaceable Li-ion batteries rechargeable with USB cable or 12VDC car charger (both included)
Battery life	N/A	40 hours
Connection type	USB	Both USB (downloading trips) and Bluetooth (connecting to Tru-Traffic)
Windows 10 Compatible	Yes, but you may need to download the driver separately	Yes

¹Depending on how this GPS data logger is configured, this should store at least 17.5 hours of trip data.