Traqmate 2.10 Release Notes

Product	Feature Name	Feature Description	Benefit / Usage
Traqmate Basic	Better Dropout Handling	Unit fills in some dropouts automatically for better performance.	Less glitches in the data.
	AutoStart	Start recording at given speed Stop recording after given time not moving	Set it and forget it. Never miss another session. Works with ChaseCam 4-wire interface for automatic video recording.
	Button Control	Disable Record Button option Disable Off button option	For vehicle performance auditing or other applications.
	Support for ChaseCam 4-wire interface	PDR auto turn-on	More robust - replaces delicate TraqCam cable
		PDR auto turn-off PDR start/stop record	Turns unit on and off to eliminate confusion and improper synching No tool hookup - thumb-screw DB-15 connection, Posi-lock tach connection, and built-in RJ-45 cable for ChaseCam digital interface.
	40Hz Improvements	Improved 40Hz accuracy in conjunction with Traqview updates	40Hz mode now more usable and accurate.
Traqmate Complete	Support for ChaseCam 4-wire interface	PDR auto turn-on	More robust - replaces delicate TraqCam cable
		PDR auto turn-off PDR start/stop record	Turns unit on and off to eliminate confusion and improper synching No tool hookup - thumb-screw DB-15 connection, Posi-lock tach connection, and built-in RJ-45 cable for ChaseCam digital interface.
		Status Icon on DU when ChaseCam enabled	DU icon shows current status of ChaseCam so you can tell if Compact Flash card is removed or camera is disconnected.
	Pack Memory	New Menu Option to pack sessions if memory becomes fragmented	Eliminates issue with erasing low numbered sessions but not recovering any usable memory.
	40Hz Improvements	Improved 40Hz accuracy in conjunction with Traqview updates	40Hz mode now more usable and accurate.
	Multi-Session Predictive Lap Timing	Lap mode now stores your best lap for each track and will compare against it	Put down a good lap in the morning and compare against it all day.
		Qualifying mode only compares against laps in the current session	Get a pro to drive your car and put down a good reference lap. Compare against it to see where you are losing time while still on the track.
	Segment Timing Mode AKA Rolling-start Hillclimb	Create a segment by selecting a start and finish location on the track	Time Hillclimbs with rolling starts
		Subsequent passes through this path will start and stop automatically Works with predictive lap timing	Do detailed on-track analysis of one turn or segment of a racetrack. See intermediate times within the segment
	Autocross mode video synchronization	Video now synchronized for autocross mode	Record your autocross and playback immediately with TraqStudio or make a video without manually synchronizing.
	Gearing	Support for gearing information	Set up your vehicle's gearing information in Traqmate and it will be transferred automatically to Traqview for display in a graph or on-screen with TraqStudio.
	New Defaults	Traqmate defaults to an RPM and ChaseCam connection. Unit senses if the units are connected and acts accordingly.	Easier and more foolproof tach and ChaseCam hookups.
TraqTach	New Version	A new version of the TraqTach will be offered. This product does not require a screwdriver to hook up a tachometer wire and the wire can be better strain-relieved to prevent breakage.	Easier and more reliable tach connection.
ChaseCam Interface	New Product	This product replaces the TraqTach for connecting ChaseCams. This product does not require a screwdriver to hook up a tachometer wire and the wire can be better strain-relieved to prevent breakage. It features a heavy gauge flat cable with RJ-45 connector for connecting directly to the ChaseCam - just plug it in.	Easier and more foolproof tach and ChaseCam hookups. No more broken wires.
		4-wire ChaseCam interface allows complete control and status monitoring.	PDR turn on/off, recording start/stop, and monitoring of PDR status (OFF, NOT READY, READY, and RECORDING)
Traqview Video	Discontinued	This product has been replaced by TraqStudio. Upgrades are available.	TraqStudio has all the features of Traqview Video with the ability to compose and save videos with data overlay for PC, internet (YouTube), or DVD.
Traqview	Gear Information	New gear graph created user interface to enter tire size, diff ratio, gear ratios	Shows what gear driver is using in both graph and on dashboard.
		user interface to select gear based on point on track	Enter gear information in data that is already collected as long as RPM has been recorded.
		analysis files will have gear info included	Gear info saved to analysis file for easy retrieval.
	Support for new SU Basic Parameters	Turn on speed, turn off time, button enable/disable	Set the speed where the Traqmate Basic will start recording
			Set the amount of standstill time required for Traqmate Basic to stop recording
	Segment Timing Mode	Data recorded in segment timing is imported with correct start/finish lines and run times	Do detailed analysis on rolling-start Hillclimb such as segment analysis, acceleration/braking map, velocity vs. distance, and time-gap graphs
	Color-code driver names in session tools	Driver name window is now color-coded the same as vehicle icon for easier selection	Easier to find and select proper driver to apply changes
	40Hz Improvements	Improved 40Hz accuracy in conjunction with Traqmate updates	40Hz mode now more usable and accurate.
	Segment Length (distance) is now exported	New export item shown in .CSV file export	Useful for more detailed performance calculations in spreadsheet program.
	Vehicle color recorded in export file	Export format has a line item listing vehicle icon color	Easier to record coordinated information such as image and data exports.
	Time Gap Graph improved	Improved handling of situation when comparison driver distance is shorter than reference driver	Better TimeGap analysis.

	Feature	Description	Benefit
	Move Segments when TBL is selected	Drag and drop sector boundaries work with TBL.	Easier to use interface when working with TBL.
	Support for Large Fonts and non-standard DPI settings	If Large Font is selected in Windows, Traqview will format screens accordingly.	Easier to read data for small screens or those with less visual acuity.
	Cursors now shown in export images	Cursors and cursor annotations now saved as part of export image.	Easier to record relative speeds or other graph information in an export image.
	Improved Graphs	Horizontal tic mark on distance/time graphs	Easier to determine the exact crossover point between cursors and graphs.
	Bug Fixes	When downloading sessions and the session list has been sorted won't always get the correct file	Resolves source of upload problems.
		When Session Tools is selected, focus reverts to the last MDI form (track map, video window etc)	Resolves data entry problem.
		Start Lines not aligned when inverting x/y axis	Eliminates need to reset S/F after a Swap Axis function.
		Lap numbering now starts at zero	First race lap in video or data playback will be 1 rather than 2. This will also properly correlate with lap numbering on Traqmate Display Unit.
TraqStudio	All Traqview Enhancements	TraqStudio performs all Traqmate functions plus realtime synchronized data and video playback plus the new features below.	A single button video write is the easiest way to combine data and video.
	Video Write	Save your data and video as a video file.	Make a DVD of one or more laps or an entire race with integrated gauges and gear selection. Upload a video to YouTube or other internet video sites for sharing with friends. Save video file of a good lap or entire race on PC for later playback or sharing.
	Multiple Video Format	Supports MPEG-2, MPEG-4, WMV and AVI in either standard or high definition. Optimized for PC, DVD, and Internet formats or choose custom resolutions and quality.	Supports ChaseCam video or high-definition cameras.
	Upconverting	Lower resolution videos can be upconverted for playback on high-res monitors	Videos always look sharp and clean.
	Multiple Aspect Ratio	Either SD 4:3 or High Definition 16:9 formats supported	Create video in multiple ways depending on the intended output device.
	Fast Transcoding	On most machines, create a 30 minute video file in under 30 minutes.	Make DVDs right at the track or back at home.
	Dashboard Gear Indicator	Shows gear on the video dashboard.	Useful as a reference for other drivers to see which gear has been selected for a particular section of track.
	Video Annotation	Put notes on your video such as car type, track name, or anything else.	Notes saved on video along with gauges.
	Theoretical Best Lap Video	Play and record your theoretical best lap.	Watch a video of the best lap you never did. TraqStudio will splice together all the best segments as defined by you. Watch cars pop in and out as you go around the track. Save the entire thing to a video file. Great way to make reference laps for various tracks.