DRAG ANALYZER >>>

DragAnalyzer 1.05.07 - February 25th 2013
DragAnalyzer 1.05.07 - September 8th 2010
DragAnalyzer 1.05.05 - May 26th 2010
DragAnalyzer 1.05.04 - January 25th 2008
DragAnalyzer 1.05.03 - October 20th 2005
DragAnalyzer 1.05.02 - September 1st 2005
DragAnalyzer 1.05.01 - July 20th 2005
DragAnalyzer 1.05.00 - October 27th 2004
DragAnalyzer 1.04.21 - September 10th 2004
DragAnalyzer 1.04.20 - September 6th 2004
DragAnalyzer 1.04.19 - June 30th 2004
DragAnalyzer 1.04.18 - June 21st 2004
DragAnalyzer 1.04.15 - February 27th 2004
DragAnalyzer 1.04.14 - February 11th 2004
DragAnalyzer 1.04.13 - February 4th 2004
DragAnalyzer 1.04.12 - January 30th 2004
DragAnalyzer 1.04.11 - January 29th 2004
DragAnalyzer 1.04.10 - January 27th 2004
DragAnalyzer 1.04.09 - January 16th 2004
DragAnalyzer 1.04.08 - January 12th 2004
DragAnalyzer 1.04.07 - January 9th 2004
DragAnalyzer 1.04.06 - December 19th 2003
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DragAnalyzer 1.04.04 - December 15th 2003
DragAnalyzer 1.04.03 - November 27th 2003
DragAnalyzer 1.04.02 - November 26th 2003
DragAnalyzer 1.04.01 - August 29th 2003
DragAnalyzer 1.04.00 - August 29th 2003
DragAnalyzer 1.03.00 - August 8th 2003

1.05.07

This release works on Windows 8 (32/64 bit).

1.05.07

USB driver certification for Windows 7 32/64 bit, Windows XP and Windows Vista 32/64 bit:
no more Windows alert that driver installation might damage the PC

1.05.05

This release works on Windows Vista 64 bit and Windows 7 64 bit.

1.05.04

The new installation procedure is now compatible with Windows Vista (32 bit), so DragAnalyzer works even with the latest Microsoft OS.
For the installation of Windows Vista drivers, please refer to Race Studio 2 installation manual.

1.05.03

Downloader

No changes since last release.

DragAnalyzer

1. Modified the filters on temperature channels; now they are lighter in order to better understand when a sensor is broken (in the rare cases it is).

1.05.02

Downloader

1. Fixed no-communication bug.

DragAnalyzer

No changes since last release.

1.05.01

Downloader

No changes since last release.

DragAnalyzer

1. Fixed bug with data misalignment in run compare mode.

2. Thicker channel lines in printouts.

3. Added keydown management in run compare mode.

4. Fixed bug for which the Load/Unload menu could be wrongly enabled (if clicked the result was GPF).

5. Fixed bug for which changing tabs in print preview mode the tab content was wrongly sized.

6. The window menu in the menu bar has been eliminated because their choices were useles, as the child windows are always maximized, therefore they can not be tiled or whatever.

7. General minor improvements in drk file opening speed.

8. Fixed test name string length in time plot.

9. Modified the Weather indicator from Rainy to Night.

1.05.00

First version working with both old (5.229 and new (10.01) USB drivers.

Downloader

No changes since last release.

DragAnalyzer

No changes since last release.

1.04.21

Downloader

1. Introduced new AIM driver management.

DragAnalyzer

1. Fixed bug with time-slip info set to 0 while opening a drk file downloaded with 1.04.16 (or older) version. This bug appeared in 1.04.20.

1.04.20

Downloader

No changes since last release.

DragAnalyzer

1. Modified the main view of the software, inserted new selection possibilities: a) time based selection b)customizable selection.

2. View are now always maximixed and it is no more possible to minimize or to close a view window.

1.04.19

Downloader

1. Fixed bug with timeout during USB operations that could cause error messages.

DragAnalyzer

1. USB Upgrading installation uniformed other AIM softwares.

1.04.18

Downloader

1. Fixed bug with the management of the drk file name made by user, the drk file extension is now better automatically controlled and there is only one box where file name can be edited.

2. Introduced the possibility to use the command line parameter "DO_NOT_ERASE" not to have the checkbox to delete memory automatically flagged. This can be useful if data have to be downloaded from one logger to two or more different PCs.

3. Fixed bug that occurred with previous version while downloading from loggers with more than 100 runs stored. Now the max available number is correctly 4000.

4. The field with the drk file name is automatically selected when the download dialog window is

prompted to user.

5. Correctly managed the error messages in case of logger with empty memory or downloader run with no logger plugged.

6. Fixed bug: it is no more possible to run more than one instance of the downloader executable at the same time. This would have implied a crash, and could have been caused by a double click on the download command instead of a single click (depending on the doubleclick speed set on the pc).

7. Fixed the problem with BSOD during download operation.

DragAnalyzer

1. Management of the 4th decimal figure on all time values stored into run reaction time, dial in time, time on 60', ... and so on.

2. Reaction times can have negative values.

3. Inserted a new vehicle type: 'Snowmobile Grass Drag'.

4. Inserted new run length: 500 feet.

5. Improved the database operations speed (due to fixes in some minor bugs in the creation of the queries for the database engine).

6. Improved the drk file management now totally in common with other AIM products.

7. Fixed software crash that occurred closing the software with the print preview shown.

8. Fixed some refresh bugs in the dialog window used to create/modify/delete drivers and vehicles.

9. Imposed length limites for the team name and the team info strings, respectively 50 and 250 chars.

10. Fixed problem with 3/4 decimal figures in the Time Car Reaction.

11. Increased the refresh speed for the file list in the main screen.

12. Managed the 4th decimal figure in the time plot.

1.04.15

DragAnalyzer

1. Eliminated code for fastest lap search during drk file opening (quicker now).

2. Improved speed in database field access.

3. Changes to vehicle type are now applied only after a restart of the software in order to avoid problems with database management.

4. Added a gear chart utility. Available on command menu 'options->gear chart utility'. At the moment it

is limited to junior dragster (for full scale dragster it is not completely coded).

5. Fixed a possible bug on the mouse move management of the run history control.

1.04.14

DragAnalyzer

1. Improved computation speed of math channels (no calls to get channel's interval).

2. Added following fields to test and run database, run performance dialog, run summary, run time plot, CrewChiefPRO support: a) shift RPM value b) shift RPM distance c) shift RPM time d) RPM / Shaft value e) RPM / Shaft distance f) RPM / Shaft time g) car reaction time

3. Added settings for vehicle type, because some of the above features are valid only for junior dragsters.

4. Faster redraw of time plot curve and time cursor.

5. Fixed bug creating software crash while crazily closing tabs in time plot.

6. Fixed problem with header in the time plot printout.

7. Fixed problem in run report printout: now line number is correctly managed.

8. ET prediction curve is now drawn with a dashed line instead of a solid one.

1.04.13

DragAnalyzer

1. Fixed internal bug on identification of database versions (run table).

2. Ensured deletion of FileToAdd.kjs on first software launch after a release updating installation.

3. Fixed 660 split time printing bug.

4. Fixed tab key bug on time view.

5. Inserted (as beta release) the import of run settings from CrewChiefPRO based on a common protocol.

6. Inserted software release in crash report files.

7. Fixed bug for which the drop list control for filters in measure window disappeared immediately after appearing.

8. Added [first version] of report of 0.60.330.660.1000.1320 feet marker values (all channels) in Run

Report view.

1.04.12

DragAnalizer

1. Deleted menu 'Help->Aimproducts' as it was useless (at least temporarily).

2. Fixed bug affering impossibility to move cursors with tab key in time view if time view is not clicked at least once.

1.04.11

DragAnalyzer

1. DRK files opening speed slightly increased (DRK manager class reorganized).

2. Fixed bug that caused the blue drag rectangle in the run history (subwindow of time view) be painted over the moving right button.

3. Fixed bug: now the run history window is updated without reopening when plot colors are changed.

4. Fixed bug with mouse cursor scroll in time graph (users in some unlikely - or not - cases were unable to slide the cursor on the graph by moving the mouse pointer with the left button pressed).

5. Fixed bug: Time graph now manages correctly curve traces drawing when zoom is set to 20 seconds and test last is lower than 20 seconds.

1.04.10

DragAnalyzer

1. Improved ET prediction ability, featuring now the plot of the "what if I had not released throttle" curve together with the speed curve in the time plot.

2. Added a dialog window to choose the reference run for new ET estimations.

3. Inserted menu link for M3-660 help.

4. Drag Analyzer now handles better the case that a help menu is clicked and no manual is installed. It automatically shows a dialog to help users finding manuals (either already downloaded or on the web).

5. Added the link to www.aimsports.com website in about dialog window.

1.04.09

DragAnalyzer

1. Fixed bug affering a wrong computation of acceleration math channel.

2. Launch settings and max values are automatically computed (if missing) while opening a drk file.

3. Run report: a doubleclick on comment lines now opens the configuration dialogs.

4. All the configuration dialogs (general information, run performance, settings and tach readings, weather information) now opens with the focus on the chosen value.

5. Limited the length of the comment strings in settings and tach readings dialog window.

6. Now the software remembers the zoom length after closing and re-opening.

7. Fixed bug: mouse down on drag rectangle in run history window (time plot) and mouse up after moving mouse pointer out of run histoty window made drag rectangle become crazy.

8. Fixed bug with distance value in time graph becoming crazy if marker times were not inserted.

1.04.08

DragAnalyzer

1. Fixed bug: new computation for speed and acceleration when inserting new values of drive (or driven) gear and wheel circumference.

2. Inserted corrected altitude instead of wind direction in the weather panel.

1.04.07

Downloader

1. Fixed bug with end run that caused the impossibility to download a DRK.

DragAnalyzer

1. Added computations for ET predictions, upgraded time slip, time plot and run report.

2. Added distances correction on time plot based on values inserted into time slip.

3. Fixed drawing bug in time view toolbar if pc uses low resolution monitor.

4. Fixed bug of bad management of 330 feet option button in preferences dialog window (in some Pc it was impossible to select it).

5. Corrected possible bug (crash) while opening drk files with problem in speed channel.

6. Fixed missing data refresh while closing run performances dialog window.

7. Fixed bug: run history in run compare time plot wasn't able to move the first run blue highlight window.

8. Fixed bug with missed redraw of weather bar while opening a drk file.

9. Fixed missing data refresh while changing colors of mesures.

10. Fixed missing data refresh while modifying something in general information dialog.

11. Fixed bug: if run compare tab was selected in time plot, a switch was done on another application and the a new switch to Drag Analyzer was made the tab selected was run 1 and not run compare.

12. Fixed bug: 'TAB' and 'shift+TAB' key cursor movement worked only if in 660 mode, not in 330 and 1320 mode.

13. Deleted possibility to view math formula and colors management in the channels setting window.

14. Increased font height for distance markers (60,330,660,1000,1320 feet) in order to fix visualization bugs in low resolution screens and in the printouts.

15. Fixed bug affering a bad management of cursor values if run compare was plotted in tile mode.

16. Modified split times in run report in order to get a familiar look with time slip in time view.

1.04.06

DragAnalyzer

1. Improved value verification for all data-entry dialogs.

2. Fixed bugs in page header printout: a) it didn't manage 330/660/1320 b) bad render of 2nd run of compare c) wrong alignment of the splits in time slip

3. Preferences dialog: eliminated possibility to choose *.* files for team logo (allowed only *.jpg and *.bmp files).

4. Decreased the number of refreshes while opening the time plot and during switch between desktop and draganalyzer.

5. Run report modification dialogs manage even column zero selection in the list, only if one only run is loaded.

6. Fixed bug of rendering of gray background for time spits in time plot.

7. Fixed bug in time plot: works even with tiled and mixed mode.

8. Fixed bug in time plot: time/distance string is always plotted in black.

9. Measures list doesn't prompt the user for hiding all measures.

1.04.05

DragAnalyzer

1. Wheel pulse definitely eliminated.

2. Fixed bug with same values for the two runs in run compare.

3. Added generic run comments.

4. Fixed problem with rounded figures for all values in run report.

5. If Drag Analyzer software is running while downloading from the gauge the test just downloaded opens for analysis.

6. The installation package copies in the target installation folder two sample files that are automatically added to the test/run database.

7. Fixed minor bugs with button position and tab order for all the dialog windows Drag Analyzer can prompt to the user.

8. Added the possibility to use NO team logo into the views.

9. Added a couple of buttons in the run report toolbar (to get more intuitivity in the operation for values modification).

1.04.04

DragAnalyzer

1. Fixed minimum and maximum default values for measures.

2. Added support for 330 feet and 1320 feet.

3. Deleted wheel pulses settings.

4. Added the possibility to insert comments for Time slip, Tach readings, Settings and Weather.

5. Fixed problem with measure colors during run compare.

6. Inserted smoothing for temperature channels.

1.04.03

Downloader

1. Downloader: changed max scaling factors and channels names.

DragAnalyzer

2. Fixed problem with time and dates and minor bugs.

1.04.02

DragAnalyzer

1. Version released for PRI of December 2003.

1.04.01

Drag Analyzer

1. Fixed bug of RPM multiply factor (for new tests is ok: /1 instead of /2)

2. Fixed bug during download (the memory wrap around of the gauge was not perfectly managed).

1.04.00

DragAnalyzer

1. Fixed bug (General Protection Fault) related to tab change in time view.

2. Significant figures management introduced in display of calculated values.

3. Managed problem during the download when logger memory filled and started the circular buffer.

4. Fixed the problem of the huge time needed in opening a test file due to a bad management of math channels.

1.03.00

DragAnalyzer

1. Download Test type is not included but selected run by run in Drag Analyzer.

2. Download doesn't manage languages any more.

3. Download dialog to modify database tables does not refer to related maps.

4. Download stores championship and track for future use, driver and vehicle related to logger connected.

5. Download doesn't have the message to ask for user confirmation to clear memory.

6. Set overlapped graph as default.

7. Eliminated tabs into bottom toolbar

8. Corrected bugs in time plot: a)plot cursor doesn't have the possibility to go out from plot; b)plot and valued are better aligned.