DATA MASTER CHANGE LOG

2023-11-02
Client: 2023.6.2

<u>Data:</u>

Fixes:

- PMU log files from version 92.0 load correctly.

<u>Visualizations:</u>

Improvements:

- The improper time offset issue in Graphlog when working with long log files has been resolved

2023-10-06
Client: 2023.6.1

<u>Data:</u>

Fixes:

- Fixed a crash when an alarm is checked on an absent math channel

2023-09-29
Client: 2023.6

<u>General:</u>

Improvements:

- Reduced application startup time

<u>Data:</u>

Improvements:

- Improved log loading speed
- Support of logs from PMU version 92.0
- Enhanced Lap Editor with significant stability and interface improvements

Fixes:

- Resolved an issue displaying incorrect values during comparisons of drag runs with different distance lengths
- Corrected a bug causing bitfield channels to export incorrectly to CSV files

<u>Visualizations:</u>

Changes:

- Enabled reference track management from GPS/Track map, not limited to Lap Editor

Fixes:

- Addressed the problem of software locking when toggling full-size panels with DPI scaling

- Fixed unexpected behavior when adding panels in full-size mode

Client: **2023.5**

General:

Changes:

- Log manager relocated to the side panel. Press Ctrl+L to toggle it on and off.

Data:

New features:

- Lap splitting by speed introduced for ECU logs in circuit projects
- Added support for .LRV video files
- Added support for ADU hill climb logs
- All channels can now be exported to CSV
- @SPEED alias can be selected as a channel for time vs. distance calculations when comapring laps

Improvements:

- Invalid laps are now automatically excluded

Visualizations:

New features:

- Added the ability to full-size a single panel (F6 or Tab+Space)

Improvements:

- Enhanced contrast and visibility

Fixes:

- Resolved a bug causing a crash when more than 32 channels were added to the same axis.
- Fixed an issue where dyno projects got stuck in the distance domain
- Resolved an issue with scatter plot axes crashing when using an unresolved alias

Client: **2023.4.1**

Data:

Fixes

- Fixed math constant issue with capital letters in the name returning 0
- Resolved software crashing when creating a reference track without laps in Rally project type

2023-06-07
Client: 2023.4

<u>Data:</u>

    Improvements:

- Support of logs from EMU PRO version 98.0

    Fixes

- Fixed occasional software crashes when loading multiple logs

- Resolved issues with loading short logs into the Rally project

2023-05-05
Client: 2023.3

<u>Data:</u>

    Improvements:

- Full support of user-defined colours

    Fixes:

- The issue that caused the incorrect log duration to display in the Log Manager has been resolved

<u>Visualizations:</u>

    Improvements

- Coach mode refresh rate increased for a smoother drawing experience

2023-04-24
Client: 2023.2

<u>General:</u>

    Fixes:

- Fixed the issue preventing Graph Log keyboard shortcuts customization

<u>Data:</u>

    Fixes:

- Added support for EMU BLACK logs created from version 2.162B

<u>Visualizations:</u>

    Fixes

- Fixed an issue with manual axis ranges not loading properly

- Fixed a Graph Log issue with active axis not changing after clicking the channel name

- Fixed a Scatter Plot issue unabling the user to change the axis range for alias channels

General:

New features:

- Keyboard shortcuts can be customized

Improvements:

- Overall dark mode improvements
- Full DPI scaling support

Data:

Improvements:

- Major improvement of the GoPro synchronization algorithm
- Added support of EMU PRO logs from version 90.0 upwards

Fixes:

- Fixed the issue with the preview of the CSV not generating properly
- Fixed the issue with the CSV export crashing in case of large files
- Channel colors are handled properly

Changes:

- At the moment, it is not possible to add or remove channel colors
- Discontinued support of older EMU PRO logs (below version 90.0)

Visualizations:

New features:

- Trace added to the scatter plot

Improvements:

- Changed the definition of minimum and maximum values for the channel. Instead of applying these properties to each channel individually, they are now defined for the individual Graph Log axis
- Each axis on the Scatter Plot can be configured individually

Data:

New features:

- User data: custom log split and bookmarks are now saved in .dmdata files
- Timeshift function added to the math channels

Improvements:

- Bookmarks can be added, edited and deleted from the log. The user can select the severity of the bookmark.

Fixes:

- Fixed a bug with aliases not loading correctly in rare cases

Changes:

- Adjusted channel colours to improve visibility

Visualizations:

New features:

- Reference cursor added to the Graph Log
- Bookmark Overview panel added

Fixes:

- Selection length/start text handled properly in GraphLogWindow when changed from the keyboard
- Fixed an inconsistent cursor position between desktops
- The track map overlay now working properly in the video
- The scatter plot not refreshing when the cursor moved from the video

2022-08-29

Client: 2022.10

Data:

New features:

- Added a possibility to exclude/include all laps in the log

Improvements:

- Channels with no data logged can be hidden in the channel select window
- Cl.timeSlip calculation algorithm improved to avoid artefacts at the end of the lap
- Default aliases can be edited - not compatible with previous versions
- Channel properties (colour, filtering etc.) are saved in the project file

Fixes:

- Fixed stability issue causing random crashes of video
- Fixed an issue with video randomly freezing in slow motion
- Fixed issues with min/max limits of EMU Black/Classic channels

Changes:

- User-defined aliases created in previous versions will not be supported
- Added more default aliases

Visualizations:

New features:

- Added a possibility to overlay data over video – 2 layouts currently supported

Data:

New features:

- Added support of EMU Classic log files (.emulog, .bgc)
- .dmproj and .dmarchive files can be opened directly from the desktop

Improvements:

- After successfully packaging a project, a message box is displayed

Fixes:

- Fixed no offset bug when loading multiple files from EMU Black
- Fixed issue with longer drag runs not splitting correctly
- Fixed issue with math channel frequencies not saving properly
- Fixed bug when starting lap is not equal 0
- Fixed bug with math channels freezing

Changes:

- Laps generated from the reference track can't be split/deleted
- File description changed to DATA_MASTER

Visualizations:

New features:

- The Channel Report panel added
- Added a text box showing the current offset in the Video panel (manual synchronization mode)

Improvements:

- A grid can be toggled in the Graph Log
- Added shortcut to toggle between time and distance axis
- By clicking the segment label you can focus on segment in the Graph Log
- When comparing laps, the channel filtering remains active in the Graph Log

- Button labels in manual synchronization changed

Fixes:

- Fixed issue with filtering alias channels in the Graph Log
- Fixed issue with the cursor not updating when scrolling in the Graph Log