



LapMonitor
Lap by lap car monitoring

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New Features

LapMonitor V2.1.1 - 24 June 2020

Prerequisites

- Supported OS:
 - Windows 7 SP1 (x64), Windows 8.1 (x64), Windows 10 (x64) version 1607 or higher
 - Windows Server 2008 R2 SP1 (x64), Windows Server 2012 (x64), Windows Server 2012 R2 (x64), Windows Server 2016 (x64)
- RaceCTRL uses the **.net Framework V4.7.2**. You can download it from the Microsoft website.
<https://www.microsoft.com/net/download/dotnet-framework-runtime>

👆 [LMR-27] The lap report from **PI Toolbox** is **supported**. Please read the user guide for more details.

👆 [LMR-56] The lap report from **Motec i2** is **supported**. Please read the user guide for more details.

🐛 [LMR-59] Fixed an issue with the copy/paste graph popup menu.

Hotfix

LapMonitor V2.0.3 - 19 Mai 2020

Prerequisites

- Supported OS:
 - Windows 7 SP1 (x64), Windows 8.1 (x64), Windows 10 (x64) version 1607 or higher
 - Windows Server 2008 R2 SP1 (x64), Windows Server 2012 (x64), Windows Server 2012 R2 (x64), Windows Server 2016 (x64)
- RaceCTRL uses the **.net Framework V4.7.2**. You can download it from the Microsoft website.
<https://www.microsoft.com/net/download/dotnet-framework-runtime>



[LMR-58] Adding more logs and feedbacks to the user in case of trouble with license activation.

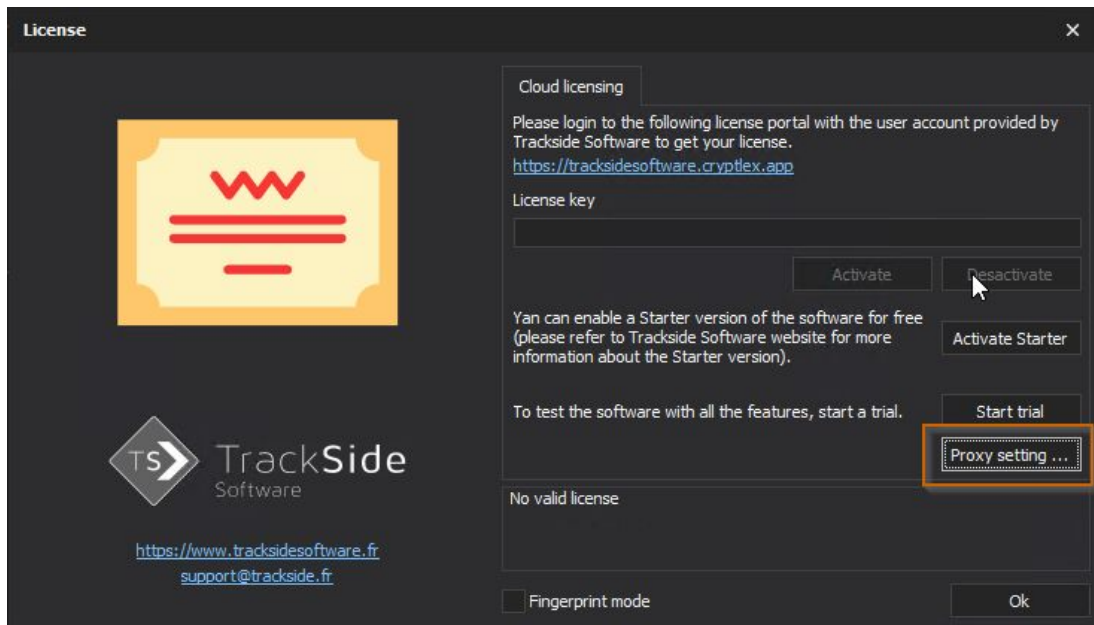
Hotfix

LapMonitor V2.0.2 - 14 Mai 2020

Prerequisites

- Supported OS:
 - Windows 7 SP1 (x64), Windows 8.1 (x64), Windows 10 (x64) version 1607 or higher
 - Windows Server 2008 R2 SP1 (x64), Windows Server 2012 (x64), Windows Server 2012 R2 (x64), Windows Server 2016 (x64)
- RaceCTRL uses the **.net Framework V4.7.2**. You can download it from the Microsoft website.
<https://www.microsoft.com/net/download/dotnet-framework-runtime>

🔔 [LMR-57] You can now specify a proxy server different from the default one. This can be necessary to activate your license if your organization require to use another proxy server.




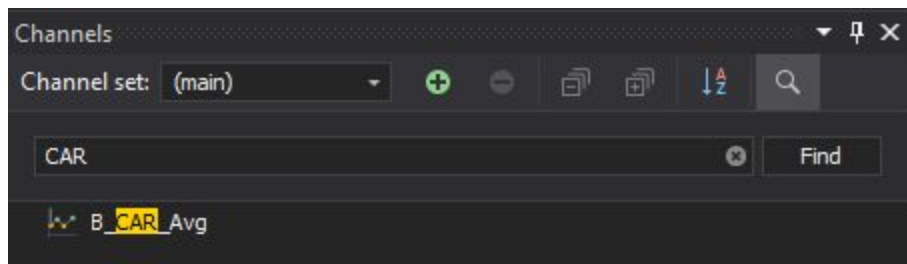
New Features

LapMonitor V2.0.1 - 12 Mai 2020


Prerequisites

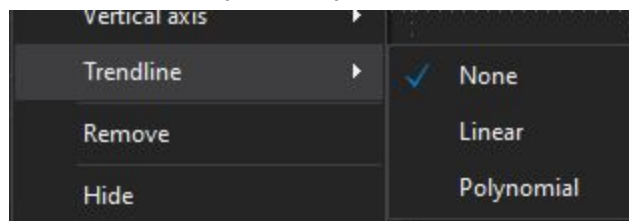
- Supported OS:
 - Windows 7 SP1 (x64), Windows 8.1 (x64), Windows 10 (x64) version 1607 or higher
 - Windows Server 2008 R2 SP1 (x64), Windows Server 2012 (x64), Windows Server 2012 R2 (x64), Windows Server 2016 (x64)
- RaceCTRL uses the **.net Framework V4.7.2**. You can download it from the Microsoft website.
<https://www.microsoft.com/net/download/dotnet-framework-runtime>


 **[LMR-12]** A search function has been added to the channels window :

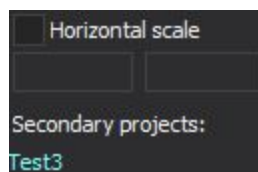



 **[LMR-14]** The main “refresh data” button now refreshes also the secondary projects.

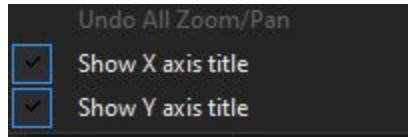
 **[LMR-15]** Trendlines has been added to the graphs. Right-click on a channel in the graph and choose the kind of trendline. For polynomial you can choose the order.



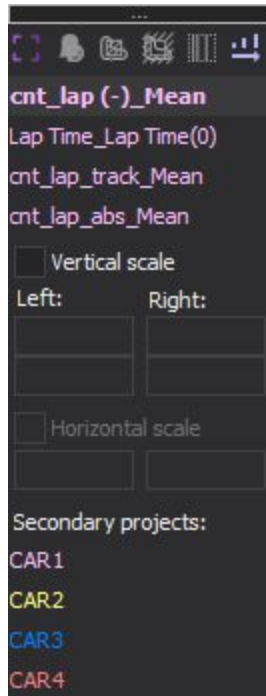
 **[LMR-16]** The secondary projects are shown at the bottom of the graphs caption :



 **[LMR-17]** The X and Y axes titles can be shown on the graphs. Right-click on the graph to open the contextual menu and check the titles you want to show :



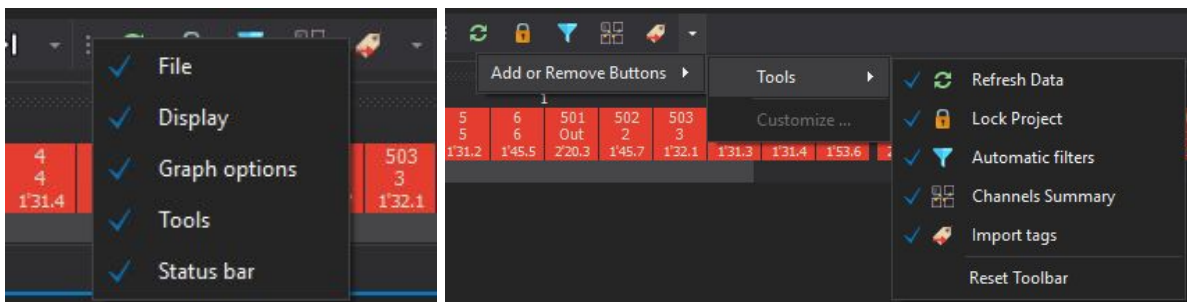
🔔 **[LMR-18]** The colors used for the secondary projects are displayed in the caption of each graph.




🔔 **[LMR-19]** The application theme has been switched to “Dark”.

🔔 **[LMR-21]** The caption box in the graph is resized horizontally automatically to display long channel names.

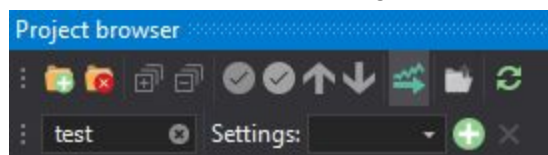
🔔 **[LMR-22 / LMR-30]** The main menu and toolbars has been upgraded to a new style. You can choose which toolbars you want to see and customize which buttons are shown into each ones :




 **[LMR24 / LMR-36]** 3 levels of licenses are available, Starter, Standard and Advanced :


Function	Starter	Standard	Advanced
Graphs	X	X	X
Alarms		X	X
Filters		X	X
Monitoring		X	X
Share projects			X
Tags			X
Reports			X
Web API			X


 **[LMR-25]** The project browser toolbar has been upgraded to a new style :

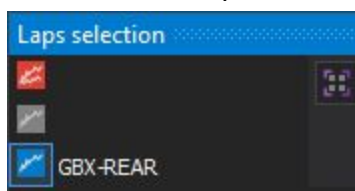


 **[LMR-29]** The names for data have been changed :

- What was called “channel” in previous version is now named “datasource”, it is the raw data which is read from the lap report file.
- What was called “alarm” in the previous version is now named “channel” to follow our users usage. It is linked to a “datasource” to get the raw data and it has properties to define alarms (warning, alert).

 **[LMR-31]** The status bar can be shown/hidden from the main menu.

 **[LMR-31 / LMR-33]** The ergonomics of the "Lap selection" have been improved.



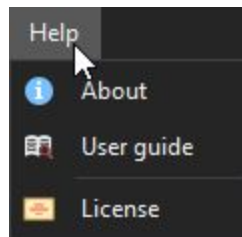
🔧 [LMR-35] The graphs “legend” has been renamed as “caption”.

🔧 [LMR-37] The secondary sessions has been removed from the projects, use the project browser to load secondary projects.

🔧 [LMR-38] The properties of the channels have been reordered in the properties view.

🔧 [LMR-39] The texts size in the graphs are now limited in size to avoid them being too large.

🔧 [LMR-40] A link to the “User guide” has been added. It is available from the menu “Help”.



🔧 [LMR-43] Project loading and graphs refreshing performances have been improved.

🔧 [LMR-46] The main window title flashing when an alarm (alert or warning) has been detected is disabled when loading a project.

🔧 [LMR-47 / LMR-45] The overall performance of the software was improved.

🔧 [LMR-52] Run limits and Tags are no longer displayed on XY graph.

🔧 [LMR-55] Better support of high DPI monitors.