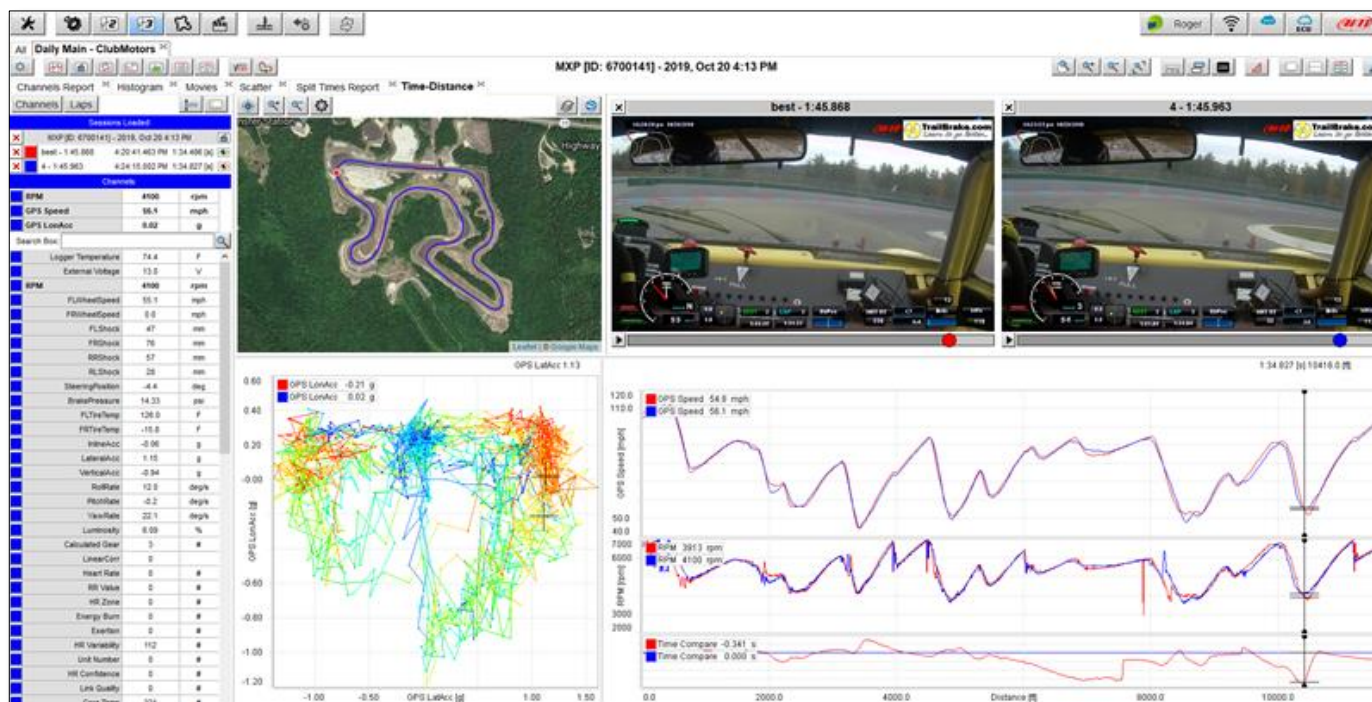


RS3 Analysis Beta to Production

Moving Your Data, Profiles, Map Splits, Maths & More!



Host:

Roger Caddell

AiM Sports - National Training Manager

Co-Host:

Matt Romanowski

TrailBrake.net



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Tuesday March 8th, 2022

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Co-Host:

Matt Romanowski

www.TrailBrake.com

 @TrailBrakeMatt



- Leading Technical and Stocking AiM Sports Dealer
- Seminars, at Track Coaching, Offsite Support, Online Sales, Pro Racing DAG
- Advanced CAN and Sensor Integrations, PDM Setup/Config, and more!
- 15 Time AiM Sports Webinar Co-Host!



www.TrailBrake.com

Matt Romanowski



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RS3 Beta to Production

Make the Switch NOW!



RS3 Beta to Production

Make The Switch Now!

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RS3 Production for Regular Use

Keep Things Simple



- Race Studio 3 Production
 - More Stable
 - Most Tested Firmware
 - **What 99% of People Should be Using!**
- Race Studio 3 Beta
 - New Features – Sometimes Untested
 - Unproven Firmware

RS3 Beta to Production

RS3 Production For Regular Use



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Moving to RS3 Production

A Chance to Plan Things Out



Moving from Beta to Production Gives us Some Opportunities

- Review Data Download Location
- Check How Movie Downloads are Handled
- Transfer
 - Profiles
 - Configurations
 - Custom Sensors
 - CAN Protocols
 - Math Channels
 - DATA!
- Data Backup Options
 - Cloud Storage?

RS3 Beta to Production

A Chance to Plan Things Out



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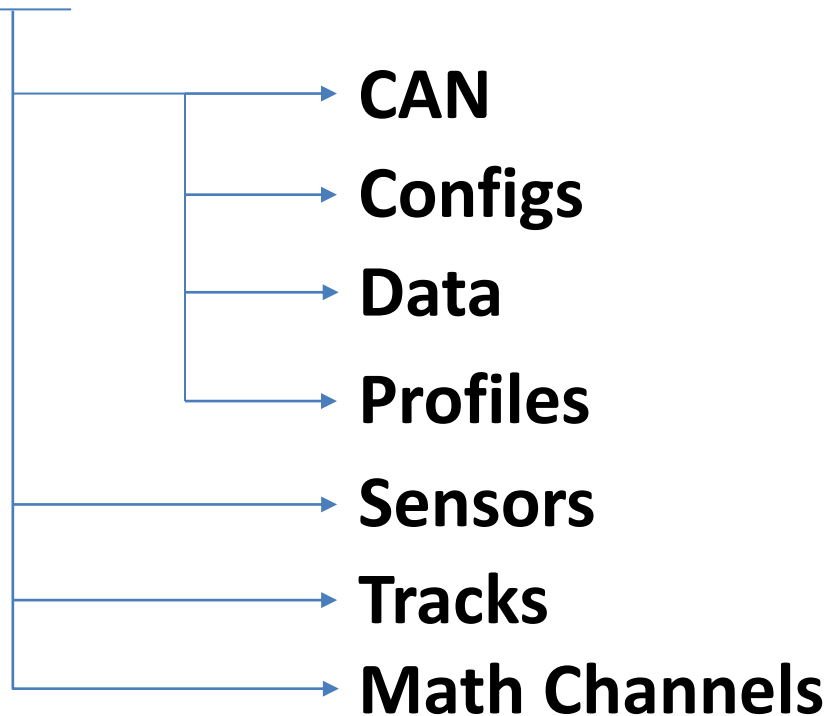
General Data Organization

An Idea on File Storage/Backup



AiM

Dropbox
OneDrive
Google Drive
Etc.



RS3 Beta to Production

An Idea on File Storage/Backup



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Data Location

Finding Where Beta Put Your Data

Check these settings in RS3 Beta to see where your data was downloaded on your computer.



RS3 Beta to Production

Find Where Beta Put Your Data



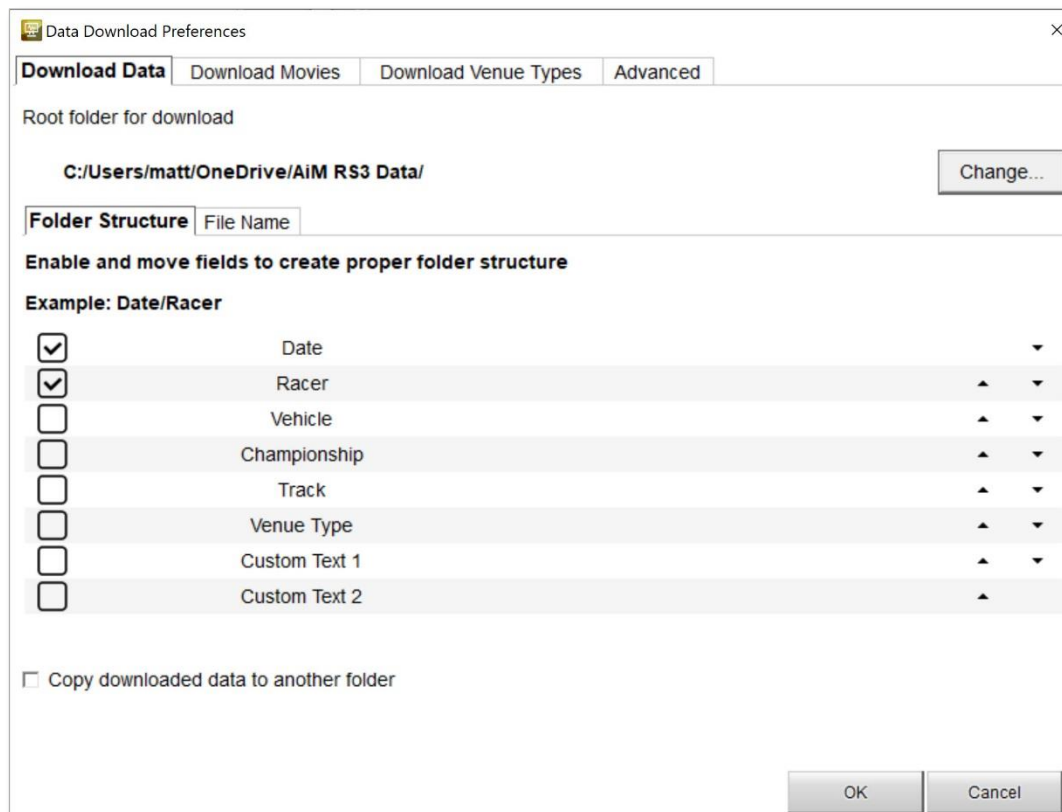
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Data Location

Finding Where Beta Put Your Data

Make note of the location and make sure it's where you want.



The image shows a 'Data Download Preferences' dialog box with the following elements:

- Root folder for download:** C:/Users/matt/OneDrive/AiM RS3 Data/ (with a 'Change...' button)
- Folder Structure:** Selected tab, showing a list of fields to include in the folder structure.
- Example: Date/Racer**
- Fields list:**

Field	Include	Order
Date	☒	1
Racer	☒	2
Vehicle	☐	3
Championship	☐	4
Track	☐	5
Venue Type	☐	6
Custom Text 1	☐	7
Custom Text 2	☐	8
- Copy downloaded data to another folder:** ☐
- Buttons:** OK, Cancel

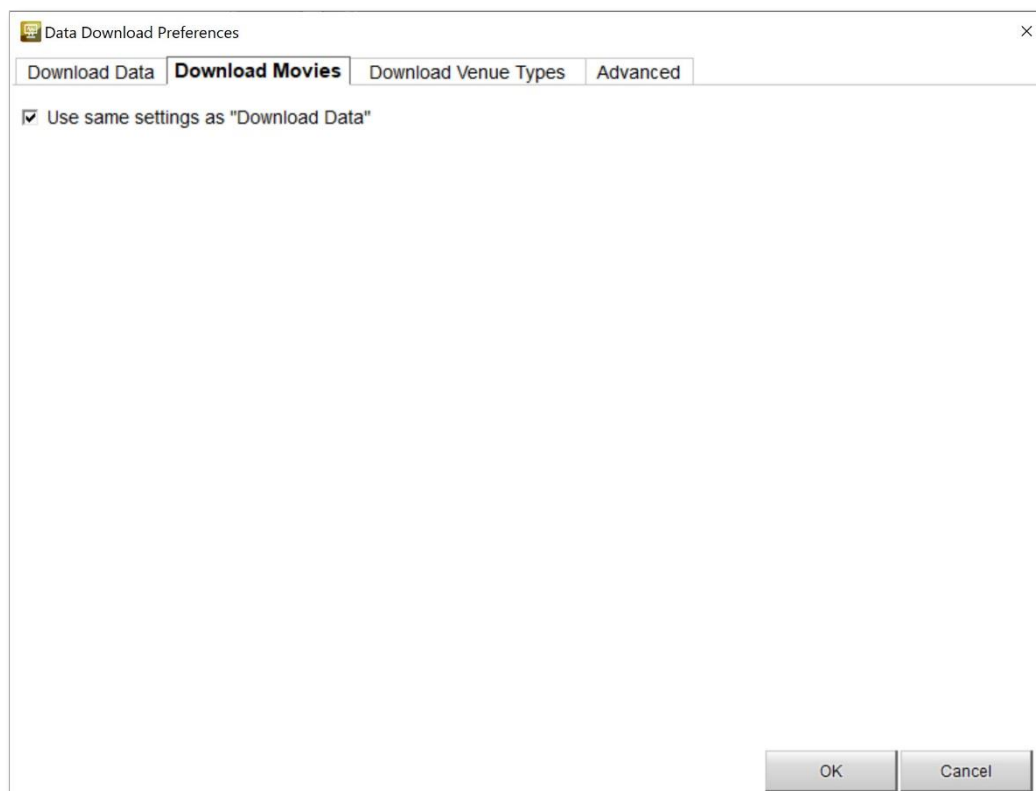
RS3 Beta to Production

Finding Where Beta Put Your Data

Movie Location

Finding Where Beta Put Your Downloaded Movies

Check the location for movies if you choose to download them instead of importing them.



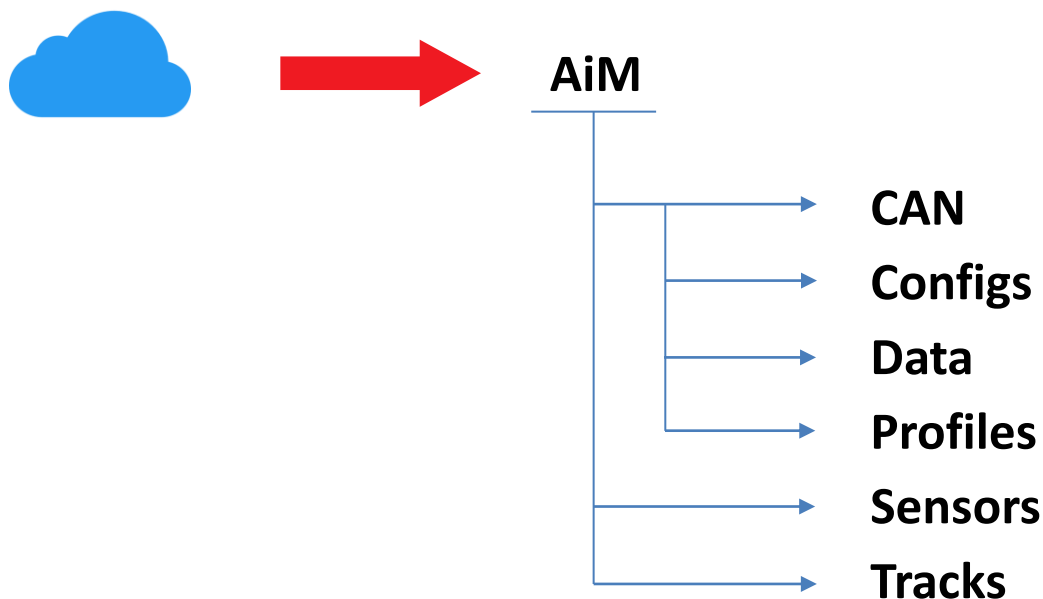
RS3 Beta to Production

Finding Your Downloaded Movies

General Data Organization

How to Organize Your Files

Now is the time to move your data and backups to the cloud if you want to do that.



RS3 Beta to Production

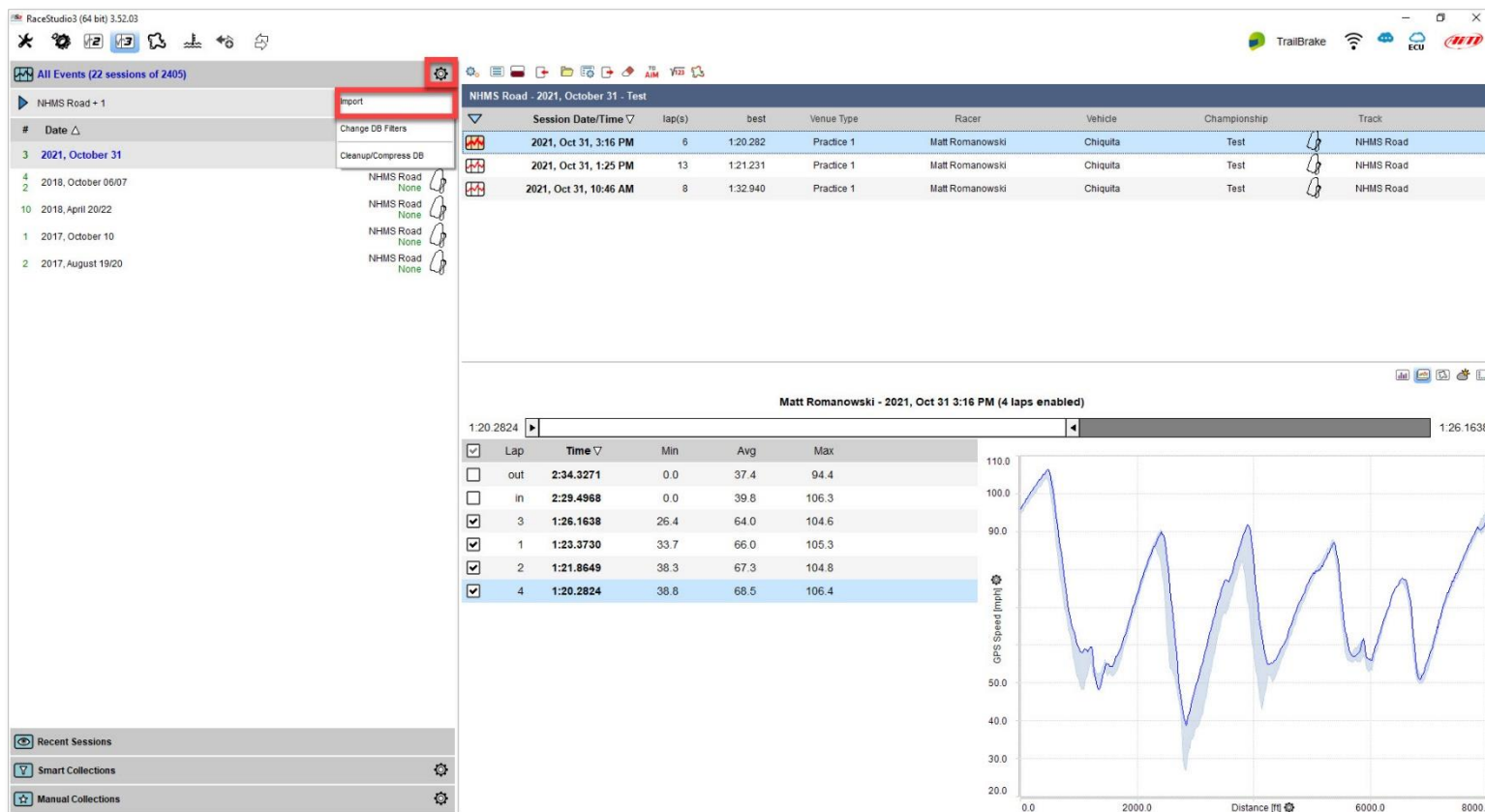
How to Organize Your Files

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Data Import

Getting Data Into Production

Import your data from the folder where you exported them.



The screenshot shows the RaceStudio3 (64 bit) 3.52.03 interface. On the left, the 'All Events (22 sessions of 2405)' list is visible, with a date filter set to '2021, October 31'. A red box highlights the 'Import' button in the top toolbar. The main window displays a table of sessions for 'NHMS Road - 2021, October 31 - Test'.

Session Date/Time	lap(s)	best	Venue Type	Racer	Vehicle	Championship	Track
2021, Oct 31, 3:16 PM	6	1:20.282	Practice 1	Matt Romanowski	Chiquita	Test	NHMS Road
2021, Oct 31, 1:25 PM	13	1:21.231	Practice 1	Matt Romanowski	Chiquita	Test	NHMS Road
2021, Oct 31, 10:46 AM	8	1:32.940	Practice 1	Matt Romanowski	Chiquita	Test	NHMS Road

Below the table, a detailed view for 'Matt Romanowski - 2021, Oct 31 3:16 PM (4 laps enabled)' is shown. It includes a table of lap data and a corresponding graph of GPS Speed (mph) vs. Distance (ft).

Lap	Time	Min	Avg	Max
out	2:34.3271	0.0	37.4	94.4
in	2:29.4968	0.0	39.8	106.3
3	1:26.1638	26.4	64.0	104.6
1	1:23.3730	33.7	66.0	105.3
2	1:21.8649	38.3	67.3	104.8
4	1:20.2824	38.8	68.5	106.4

The graph shows a blue line representing speed over distance, with a shaded area indicating a range or confidence interval. The x-axis is labeled 'Distance [ft]' and ranges from 0.0 to 8000.0. The y-axis is labeled 'GPS Speed [mph]' and ranges from 20.0 to 110.0.

RS3 Beta to Production

Getting Data Into Production

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Data Import

Getting Data Into Production

Import your data from the folder where you exported them.

The screenshot shows the RaceStudio3 interface. On the left, there's a sidebar with 'All Events (22 sessions of 2405)' and a list of sessions. The main window displays a table of sessions for 'NHMS Road - 2021, October 31 - Test'. A dialog box titled 'Import Sessions' is open in the center, prompting the user to 'Choose the import action to be performed' with two options: 'Import Folder' and 'Import File(s)'. Below the dialog, a graph shows 'GPS Speed (mph)' vs 'Distance (ft)' for a session with 4 laps enabled.

Session Date/Time	lap(s)	best	Venue Type	Racer	Vehicle	Championship	Track
2021, Oct 31, 3:16 PM	6	1:20.282	Practice 1	Matt Romanowski	Chiquita	Test	NHMS Road
2021, Oct 31, 1:25 PM	13	1:21.231	Practice 1	Matt Romanowski	Chiquita	Test	NHMS Road
2021, Oct 31, 10:46 AM	8	1:32.040	Practice 1	Matt Romanowski	Chiquita	Test	NHMS Road

RS3 Beta to Production

Getting Data Into Production

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Data Import

Getting Data Into Production

Import your data from the folder where you exported them.

The screenshot shows the RaceStudio3 interface. On the left, a sidebar lists 'All Events (22 sessions of 2405)' with a table of sessions. The main window displays a table titled 'NHMS Road - 2021, October 31 - Test' with columns for Session Date/Time, lap(s), best, Venue Type, Racer, Vehicle, Championship, and Track. A 'Select Folder' dialog box is open, showing the 'Dropbox > AIM' path. The 'Data' folder is selected, and a red arrow points to the 'Select Folder' button. The background shows a graph of distance vs. time.

#	Date	Track
3	2021, October 31	NHMS Road
4	2018, October 06/07	NHMS Road
10	2018, April 20/22	NHMS Road
1	2017, October 10	NHMS Road
2	2017, August 19/20	NHMS Road

Session Date/Time	lap(s)	best	Venue Type	Racer	Vehicle	Championship	Track
2021, Oct 31, 3:16 PM	6	1:20.282	Practice 1	Matt Romanowski	Chiquita	Test	NHMS Road
2021, Oct 31, 1:25 PM	13	1:21.231	Practice 1	Matt Romanowski	Chiquita	Test	NHMS Road
2021, Oct 31, 10:46 AM	8	1:32.940	Practice 1	Matt Romanowski	Chiquita	Test	NHMS Road

RS3 Beta to Production

Getting Data Into Production

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User Profile Export

Getting Profiles from Beta

Export your profiles to a folder to share with another computer

1. Click the 'Export' icon in the top toolbar.

2. Click 'Profiles' in the 'Export' dropdown menu.

3. Select 'Full Chiquita' in the left sidebar.

4. Click 'Export' in the 'Profiles' dropdown menu.

best	Venue Type	Racer	Vehicle	Championship	Track
1:28.596	Practice 1	Jay Gratton	Chiquita	Test	NHMS Road
1:28.634		Jay Gratton	Chiquita	Test	NHMS Road
1:20.212		Matt Romanowski	Chiquita	Test	NHMS Road
1:20.282	Practice 1	Matt Romanowski	Chiquita	Test	NHMS Road

Jay Gratton - 2021, Oct 31 4:39 PM (6 laps enabled)

Lap	Time	Min	Avg	Max
in	2:47.250	0	36	87
out	2:21.089	0	36	86
6	1:31.023	36	61	86
5	1:30.981	35	61	83
1	1:29.637	34	62	90
2	1:29.109	34	62	95
4	1:29.025	34	62	87
3	1:28.597	34	62	93

GPS Speed [mph]

Distance [ft]

RS3 Beta to Production

Getting Profiles From Beta

User Profile Importing

Getting Profiles From Beta

Select the cog in the session window and then Import Protocol(s)

The screenshot shows the RaceStudio3 interface. On the left, the 'All Events' window lists sessions for 'NHMS Road + 1'. A context menu is open over the session '2021, Oct 31, 10:46 AM', with the 'Import Profile(s)' option highlighted in red. The main window displays a table of session data and a graph of GPS Speed (mph) vs Distance (ft).

best	Venue Type	Racer	Vehicle	Championship	Track
1:20.282	Practice 1	Matt Romanowski	Chiquita	Test	NHMS Road
1:21.231	Practice 1	Matt Romanowski	Chiquita	Test	NHMS Road
1:32.940	Practice 1	Matt Romanowski	Chiquita	Test	NHMS Road

Lap	Time	Min	Avg	Max
out	2:34.3271	0.0	37.4	94.4
in	2:29.4968	0.0	39.8	106.3
3	1:26.1638	26.4	64.0	104.6
1	1:23.3730	33.7	66.0	105.3
2	1:21.8649	38.3	67.3	104.8
4	1:20.2824	38.8	68.5	106.4

Graph: Matt Romanowski - 2021, Oct 31 3:16 PM (4 laps enabled). The graph shows GPS Speed (mph) on the y-axis (20.0 to 110.0) and Distance (ft) on the x-axis (0.0 to 8000.0). The speed fluctuates between approximately 40 mph and 100 mph over the distance.

RS3 Beta to Production

Getting Profiles From Beta

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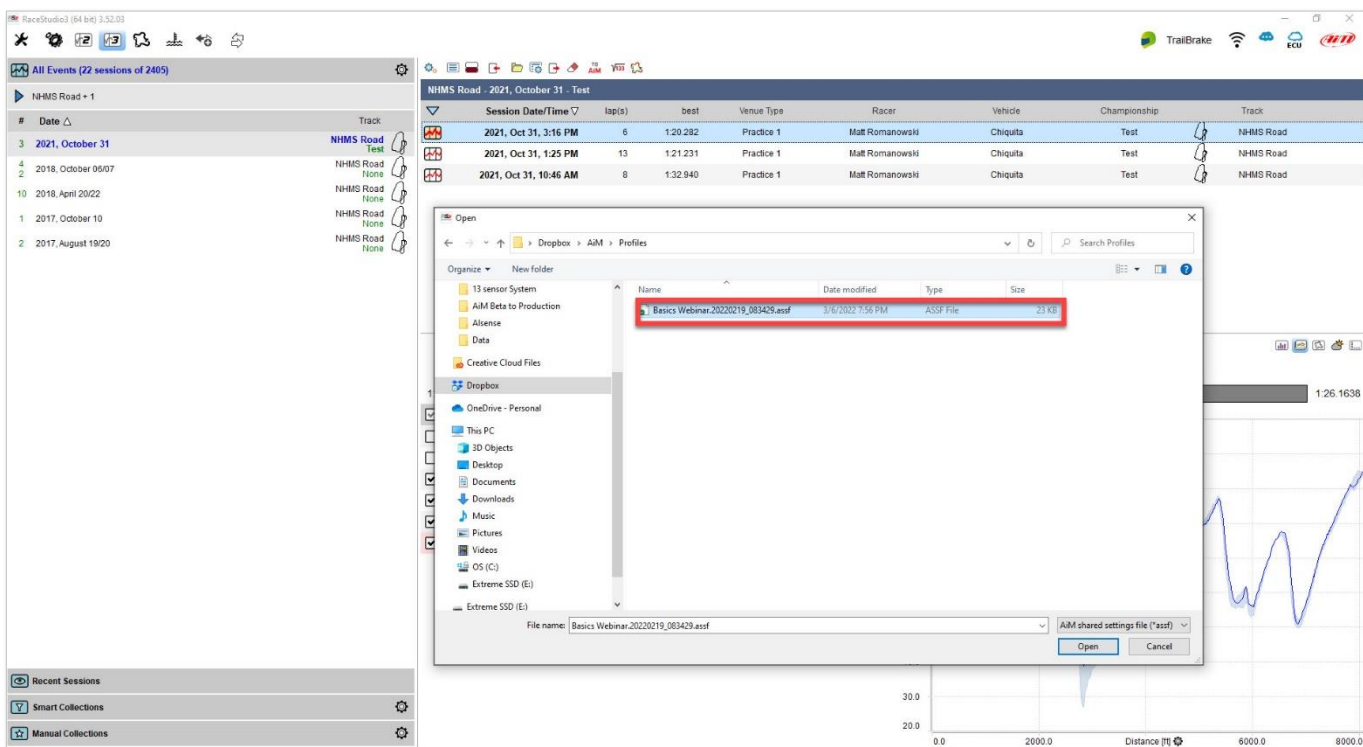
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User Profile Importing

Getting Profiles From Beta



Select the profiles that you want to import



RS3 Beta to Production

Getting Profiles From Beta

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User Profile Sharing – To the Cloud



Sharing Profiles in Your User Account

In the session view cog, we can view our profiles and then share them to our user account (provided we are signed in)

The screenshot shows the RaceStudio3 interface. On the left, a list of sessions for 'NHMS Road' is displayed. The main window shows a 'Profiles' menu with various options like 'Brake Compliance - Slowing - Speed', 'Colored Measures Graph', etc. The 'Share' option is highlighted. On the right, a speed graph is shown with 'GPS Speed (mph)' on the y-axis and 'Distance (ft)' on the x-axis. The graph shows a blue line representing speed over distance, with a shaded area indicating a range or uncertainty.

RS3 Beta to Production

Sharing Profiles in Your User Account

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Profile Sharing – From the Cloud



Sharing Profiles in Your User Account

Profiles shared to your cloud account can then be imported to other versions of RS3 you have signed into.

The screenshot shows the RaceStudio3 interface. On the left, a list of events is displayed. The main window shows a table of profiles. A red box highlights the 'Import Profile(s)' button. Another red box highlights the 'Profile Shared with Other PCs' option in the dropdown menu. A third red box highlights the 'Import' button in the same menu. The table below shows the following data:

best	Venue Type	Racer	Vehicle	Championship	Track
1:20.212		Matt Romanowski	Chiquita	Test	NHMS Road
1:20.282	Practice 1	Matt Romanowski	Chiquita	Test	NHMS Road
		owski	Chiquita	Test	NHMS Road
			Chiquita	Test	NHMS Road

Below the table, a list of analysis options is shown, including 'Analysis - Speed', 'Basics Webinar', 'BioTelemetry - Speed', 'Biotelemetry Video - Speed', 'Colored Measures Graph', 'Friction Circle Advanced Webinar - Speed', 'Friction Circle Colored by TPMS - Speed', 'Friction Circle Simple Webinar - Speed', 'Friction circle - Speed', 'Full Chiquita', 'GPS Channels - Speed', 'IR TIRE TEMP - Speed', 'Instructor Profile', 'Oil Pressure Analysis - Speed', 'Solo (GPS) Only - Speed', 'Split Report - Speed', 'TA - Speed', 'TA2 Driver', 'TA2 Lambda - Speed', 'TA2 Quick Check - Speed', 'Tire Press vs Lat G - Speed', and 'Web Driver Performance'. A graph on the right shows 'GPS Speed (mph)' vs 'Distance [ft]' with a blue line and a shaded area.

RS3 Beta to Production

Sharing Profiles in Your User Account



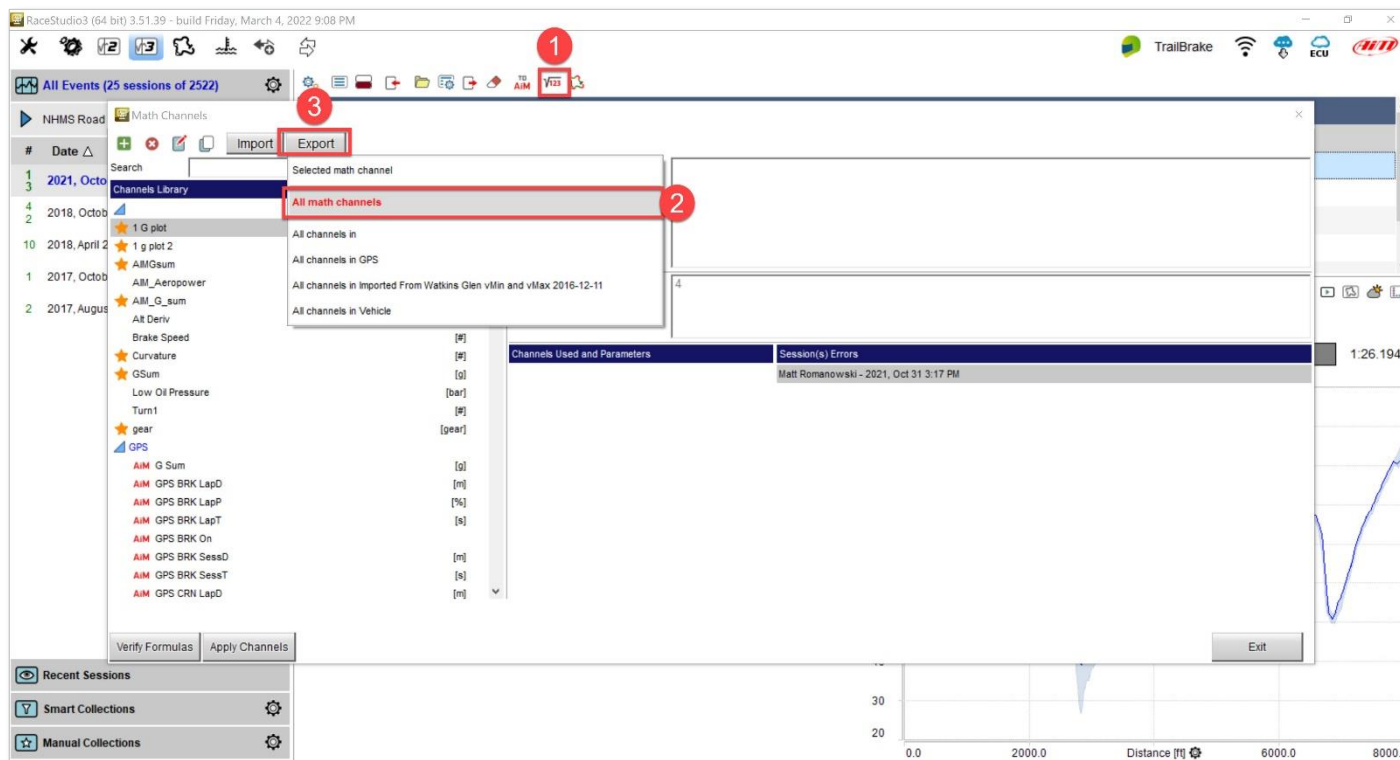
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Math Channel Export

Getting Math Channels From Beta

You can export math channel selections a number of ways – from a single channel to all channels.



RS3 Beta to Production

Getting Math Channels From Beta



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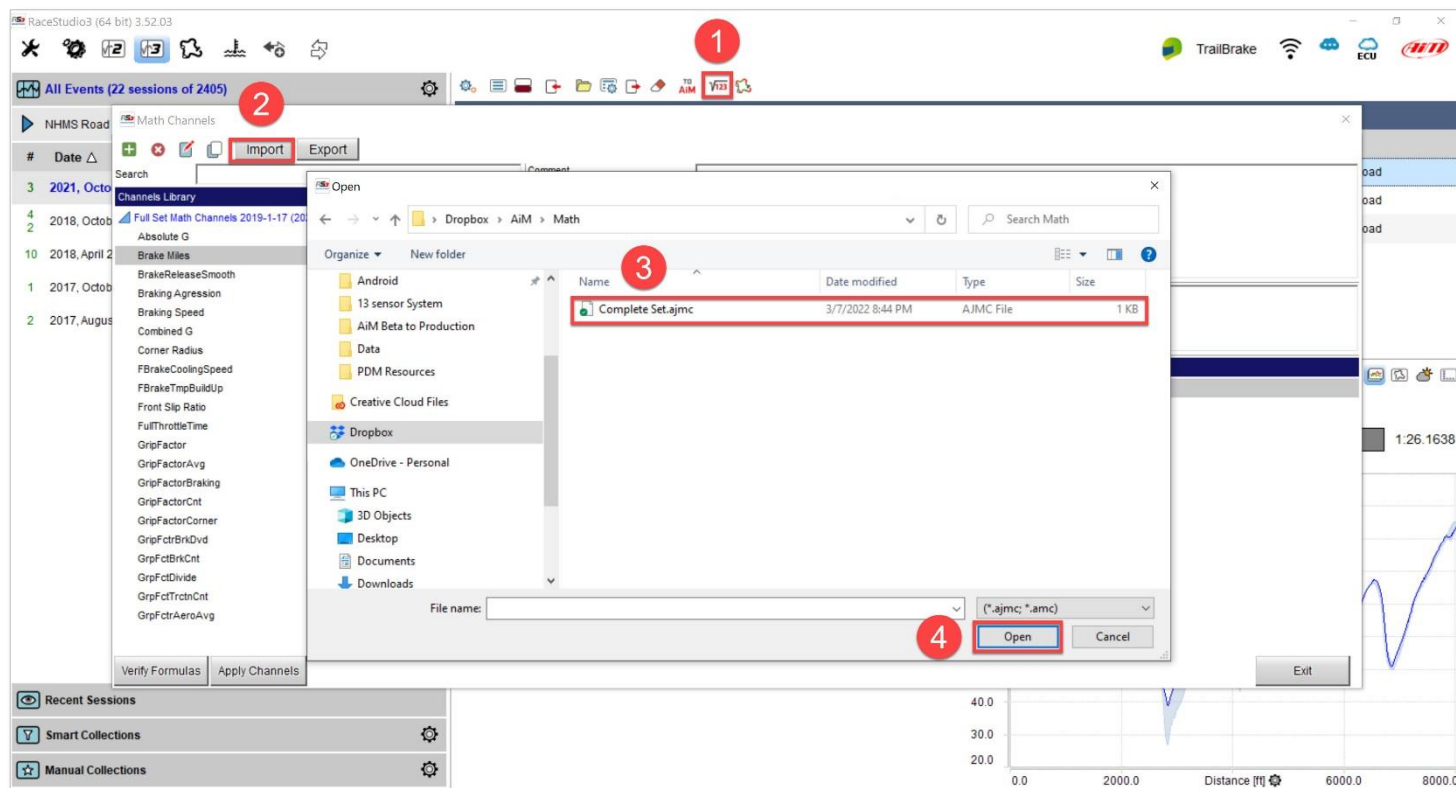
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Math Channel Import

Getting Math Channels From Beta

Select the math channel set that you want to import and open it.

Note: You can import math channel sets from RS2 as well.



RS3 Beta to Production

Getting Math Channels From Beta

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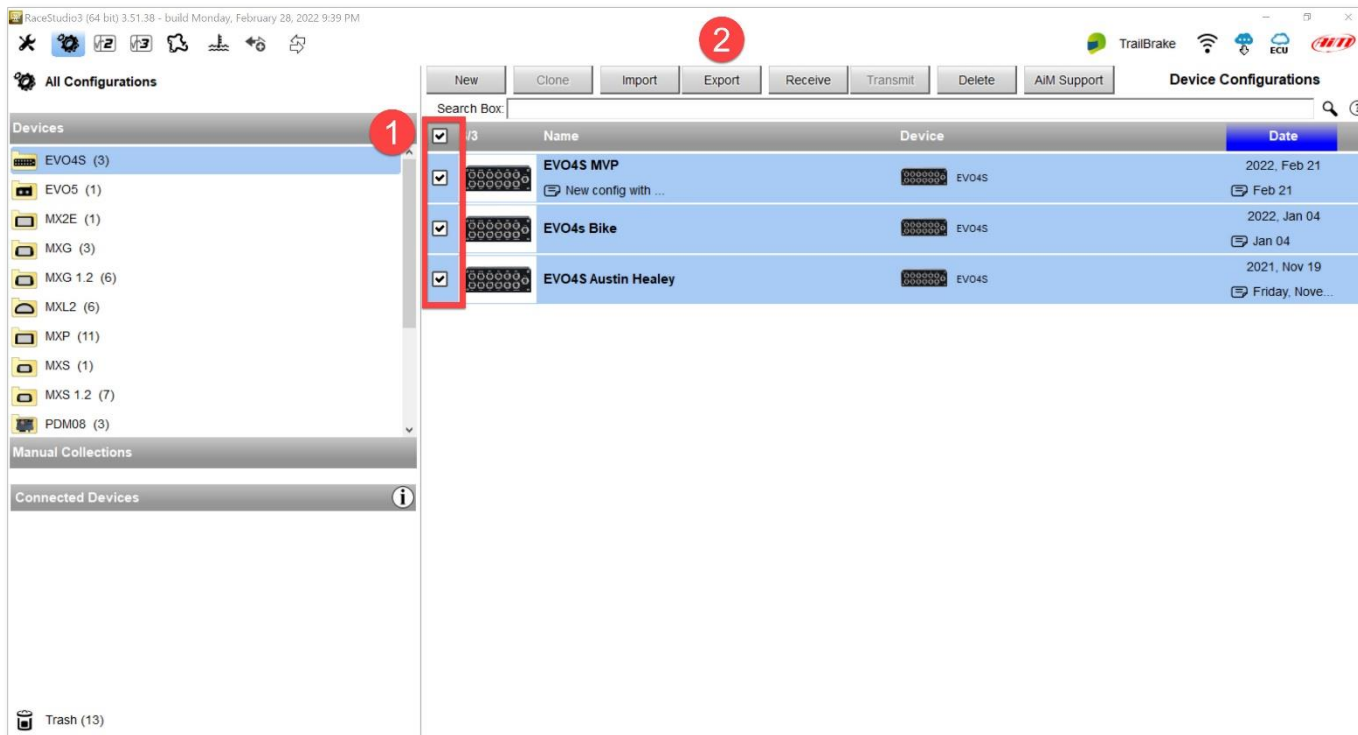
Configuration Export

Getting Configurations From Beta



You can quickly select all configs and export them to your config folder.

NOTE: This is better than receiving from the dash/logger.



RS3 Beta to Production

Getting Configurations From Beta



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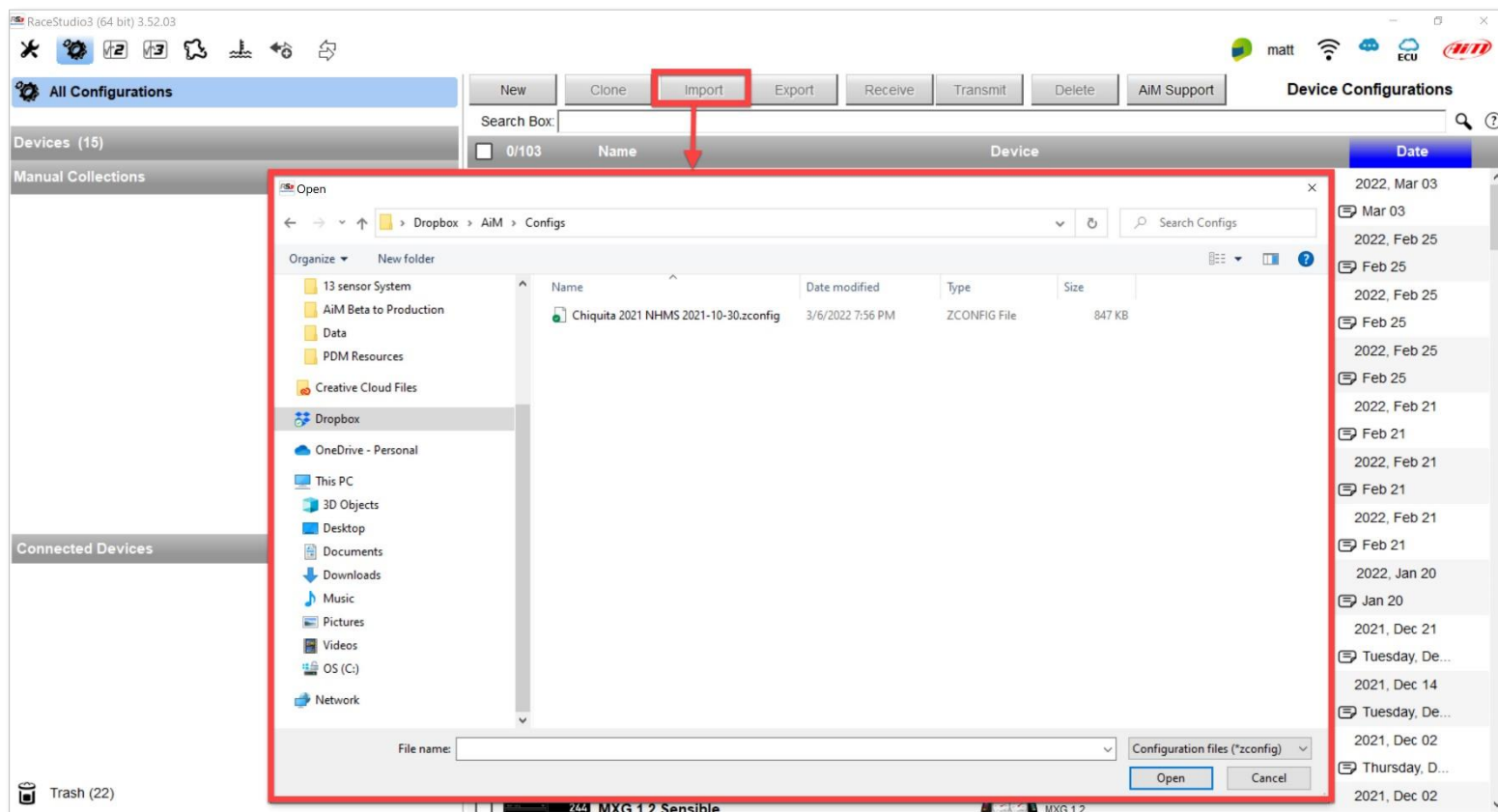
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Configuration Import

Getting Configurations From Beta



Import your configurations from the folder where you exported them.



RS3 Beta to Production

Getting Configurations From Beta

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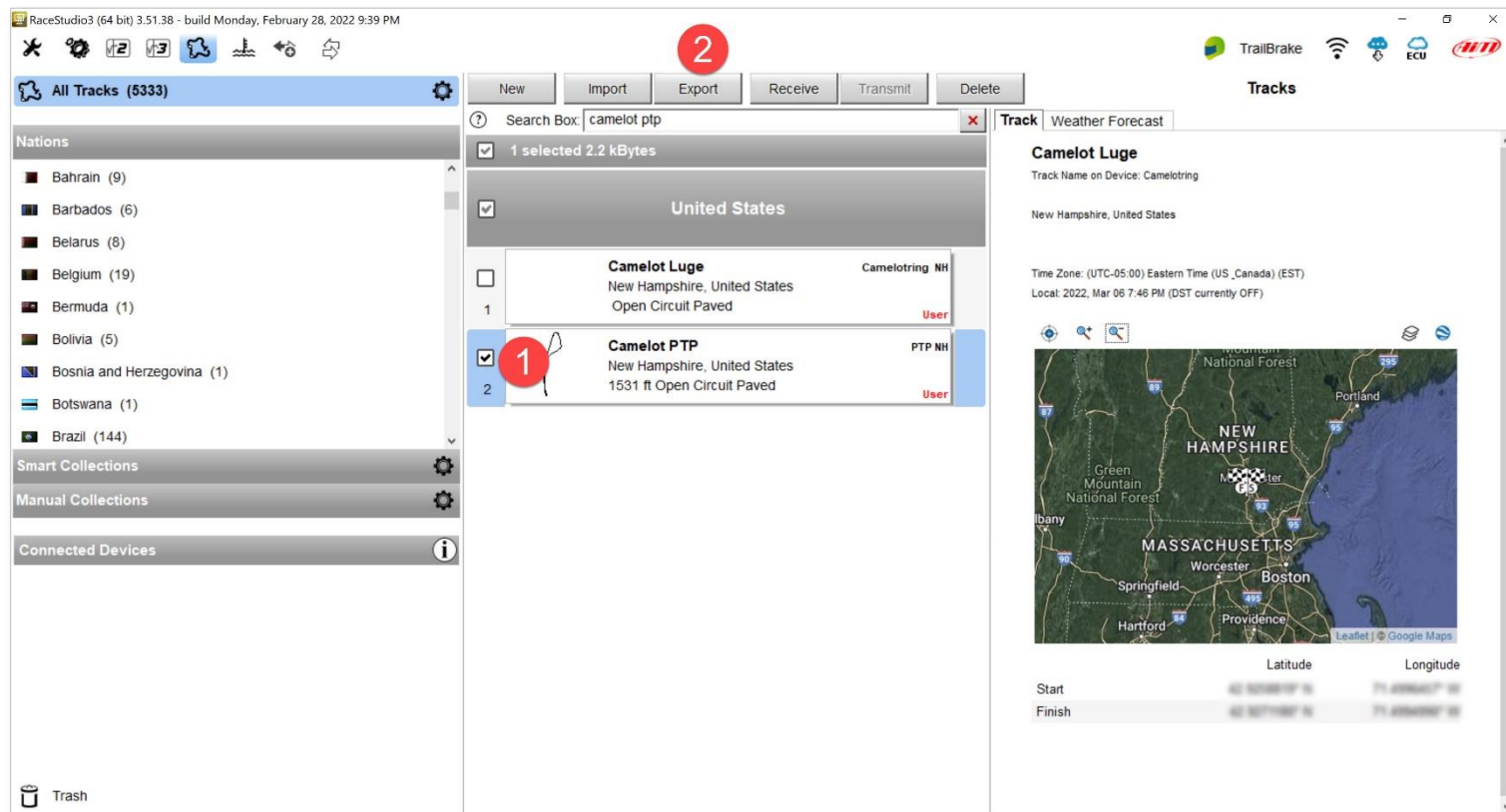
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Custom Track Export

Getting Custom Tracks From Beta



Select the tracks you need to export and put them in the folder of your choice.



RS3 Beta to Production

Getting Custom Tracks From Beta



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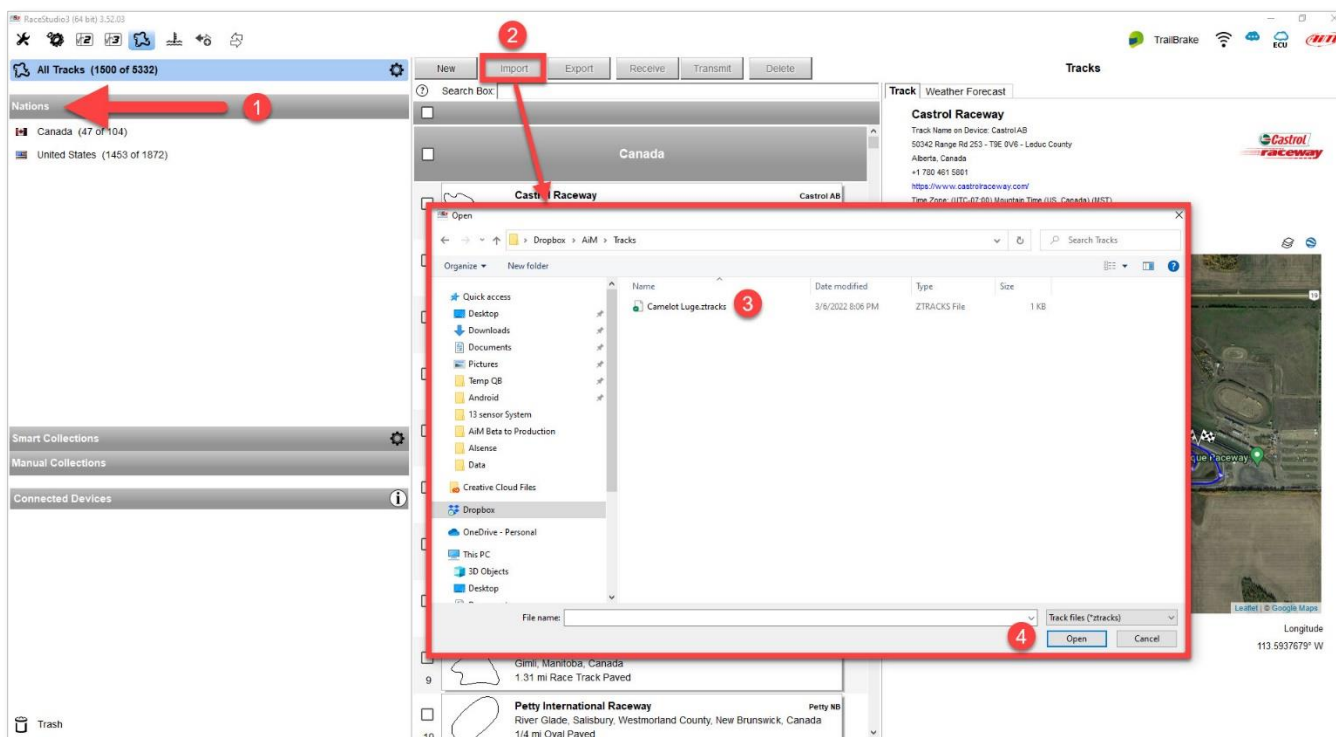
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Custom Track Import

Getting Custom Tracks From Beta

Import tracks from the folder.

NOTE: You must be in the Nations bar to import tracks!



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Getting Custom Tracks From Beta



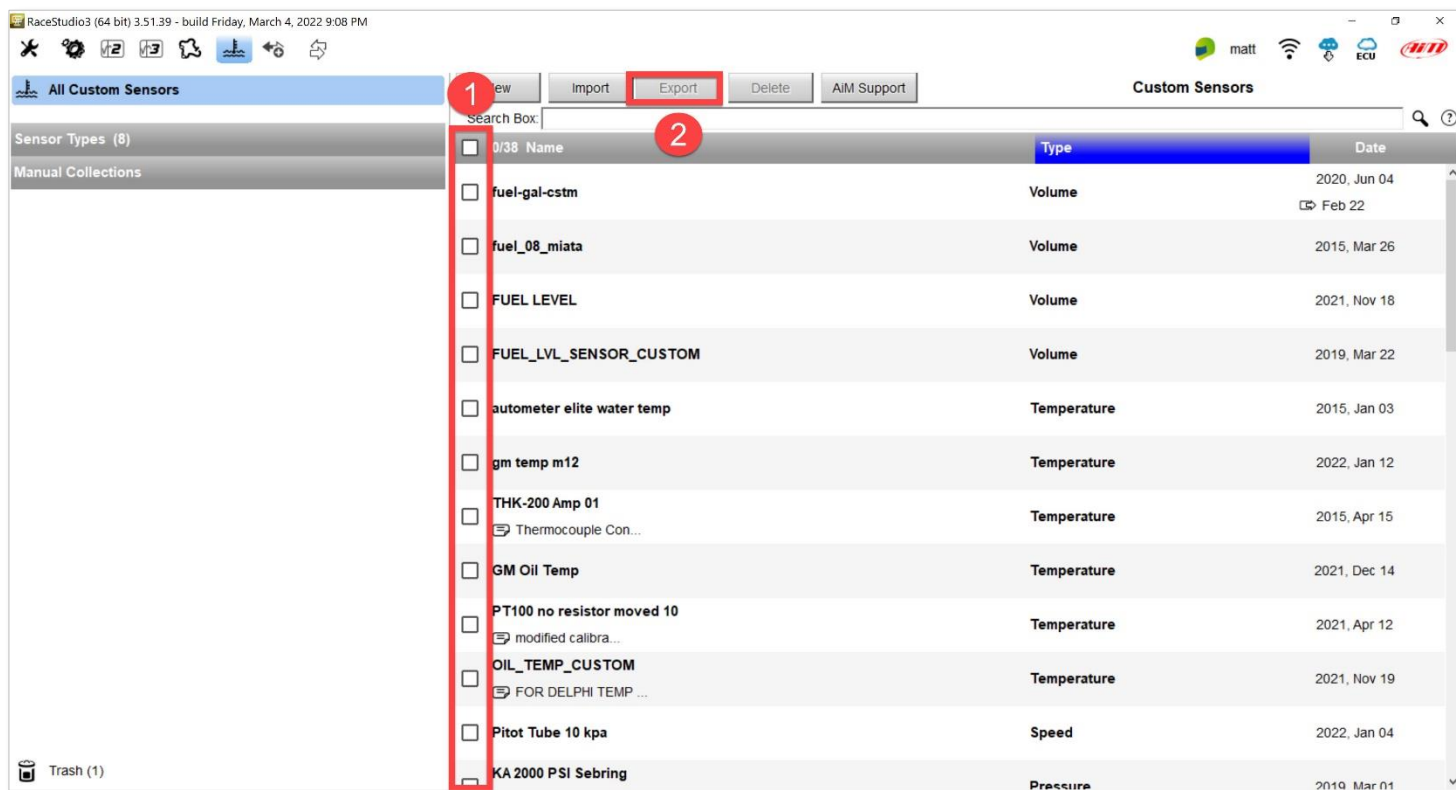
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Custom Sensor Export

Getting Custom Sensors From Beta

You can select all or a subset of your custom sensors and then export them to a folder



RS3 Beta to Production

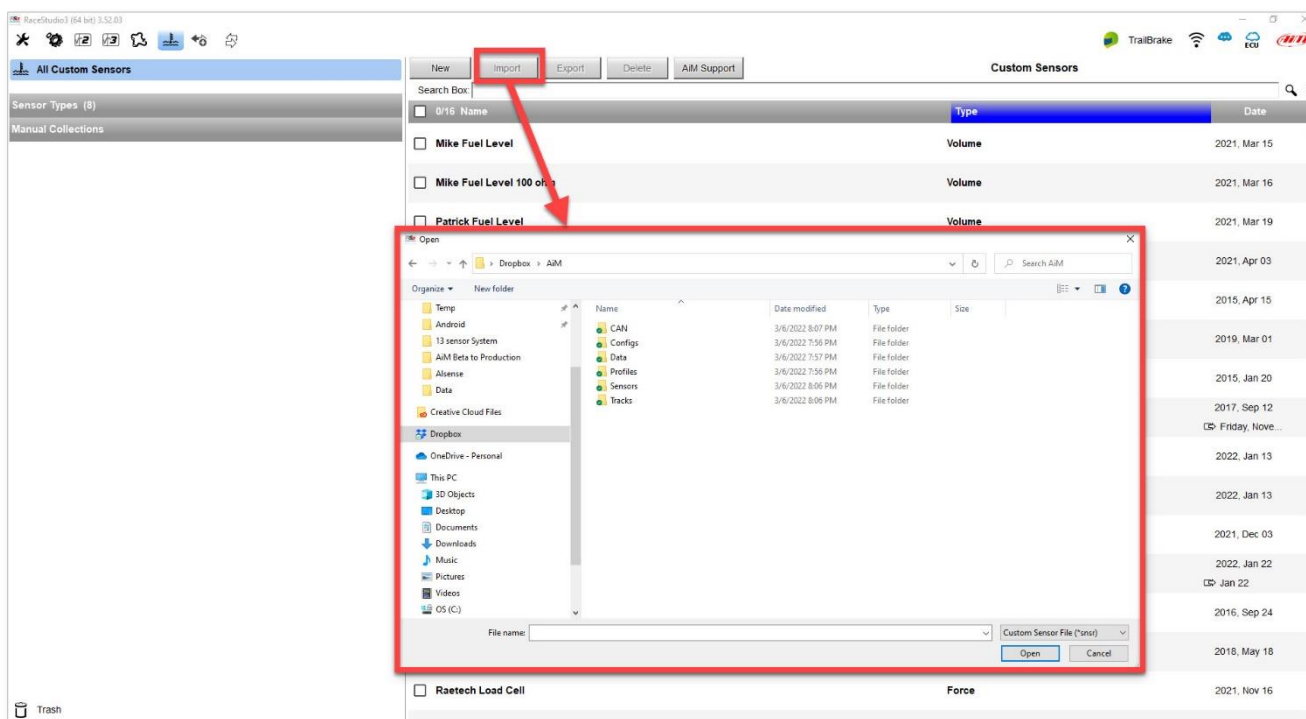
Getting Custom Sensors From Beta

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Custom Sensor Import

Getting Custom Sensors From Beta

Select the sensors from the folder and import into RS3 Production



RS3 Beta to Production

Getting Custom Sensors From Beta

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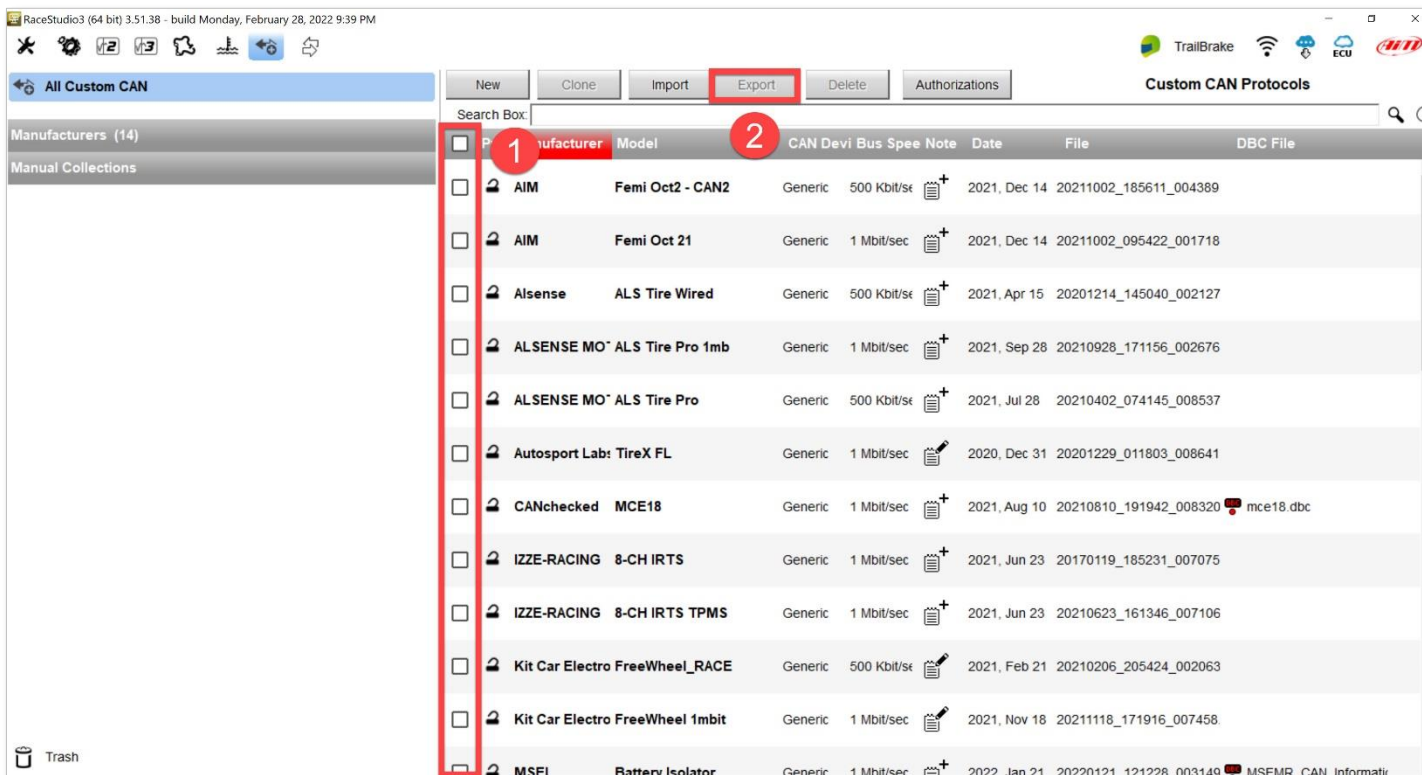


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Custom CAN Protocol Export

Getting CAN Protocols from Beta

You can select all or a subset of your custom protocols and then export them to a folder



RS3 Beta to Production

Getting CAN Protocols from Beta



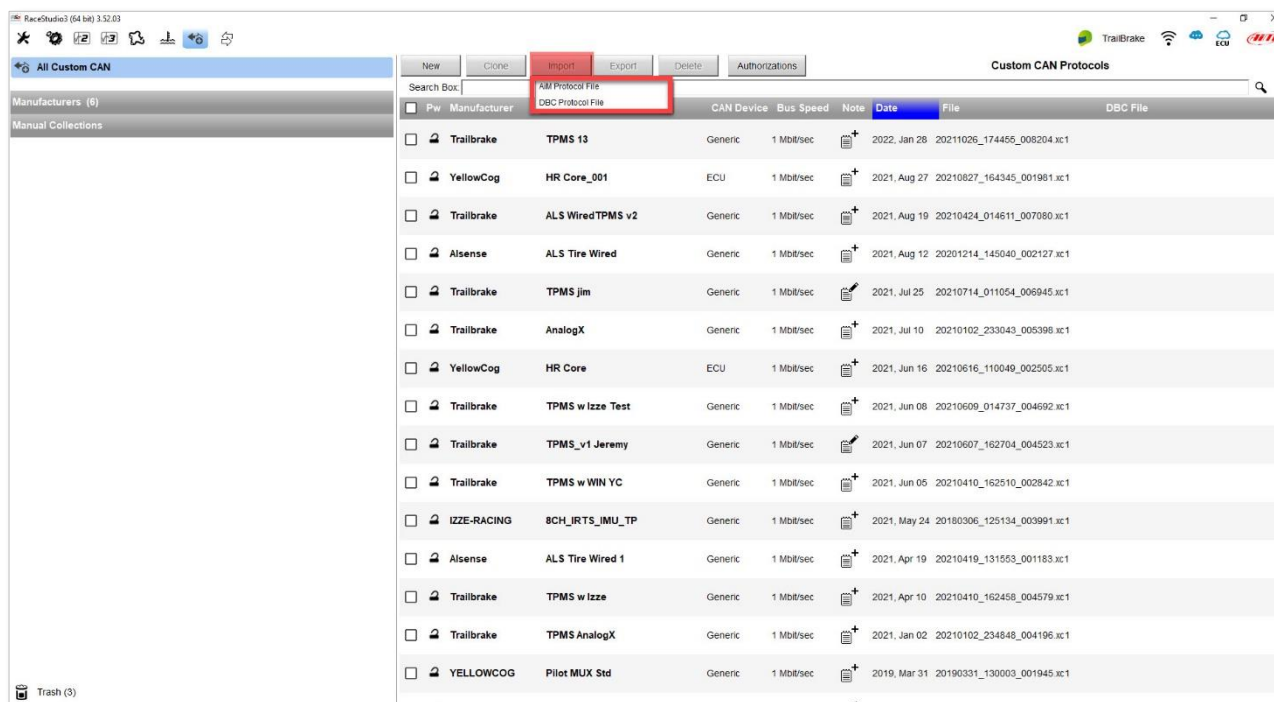
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Custom CAN Protocol Import

Getting CAN Protocols from Beta

You can select all or a subset of your custom protocols and then import them to a folder. Remember – you can import a .dbc file too!



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Getting CAN Protocols from Beta

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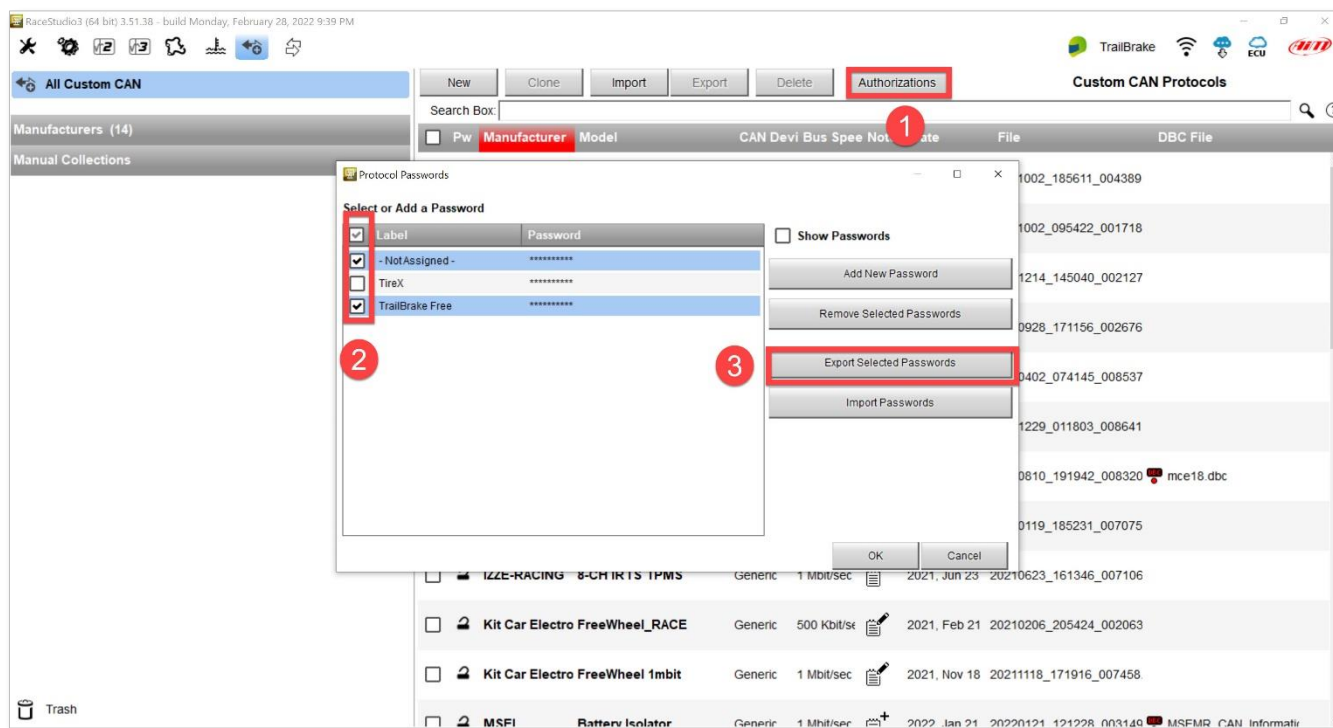
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CAN Authorization Export

Advanced CAN Protocols



This is a very advanced area – don't venture here unless you REALLY need it.



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Advanced CAN Protocols

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LearnFast™ E-Training Videos



Currently **198** Videos and Growing



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RS3 Analysis Beta to Production
Moving Your Data, Profiles, Map Splits, Maths & More!



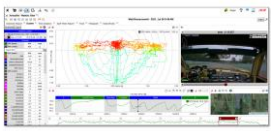
Host:
Roger Caddell
AIM Sports - National Training Manager

Co-Host:
Matt Romanowski
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- All New 2020 - 22 Live Webinar Videos
 - Software Updates with Race Studio 3
 - Pre-Calculated Gear Position Function
 - Configuring WiFi Communication
 - Customizing AiM Device Logos
 - Race Studio 3 Basic Configuration - Part 1
 - Race Studio 3 Basic Configuration - Part 2
 - **I Have Downloaded my Data, Now What - Part 1*
 - **I Have Downloaded my Data, Now What - Part 2*
 - GPS Lap Insert
 - Data Views
 - Measure Units
 - Sort Channels
 - Test Properties
 - Per Lap Color
 - Export Tests
 - Channel Reports
 - Setting Time
 - Track Mapping
 - Selection Criteria
 - Sensor Calibration
 - Conditional Alarms
 - Gear Position
 - Firmware Update
 - Solo Configuration
 - Transmit Tracks
 - Gps Manager Overview
 - New GPS Track
 - Webinars
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Personalizing Your Data Analysis
Steps To Efficiency With Race Studio 3 Analysis



Host:
Roger Caddell
AIM Sports - National Training Manager

Co-Host:
James Colborn
AIM Sports - National Training Manager

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Webinar Series
Bringing Data Support and Training to You

Data Download Options
In Race Studio 3

March 31st, 2020

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Additional Materials

LearnFast™ E-Training Videos

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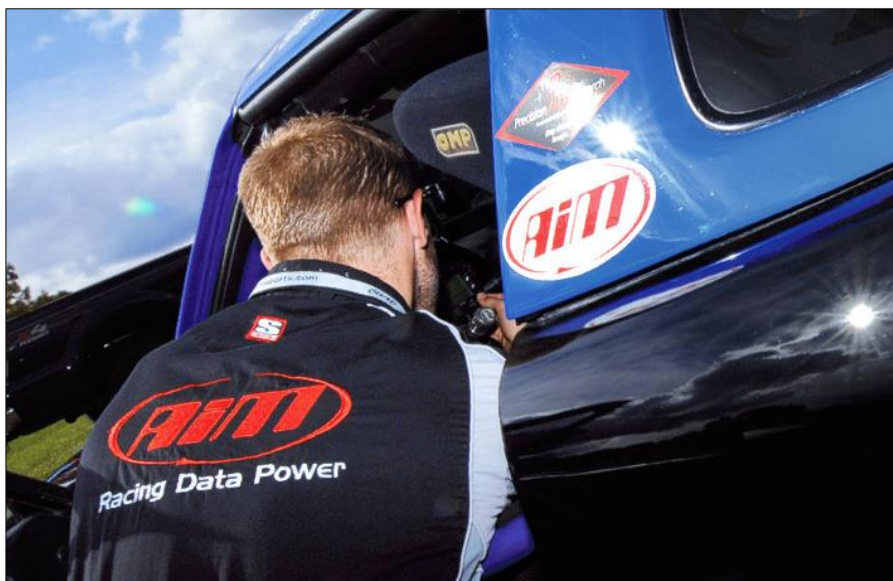
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Customer Support



AiM Sports Technical Support Staff Regularly
Attend Races and Other Events

Look For Us At An Event Near You
Or Call Us At **800.718.9090**



Customer Support

At An Event Near You!

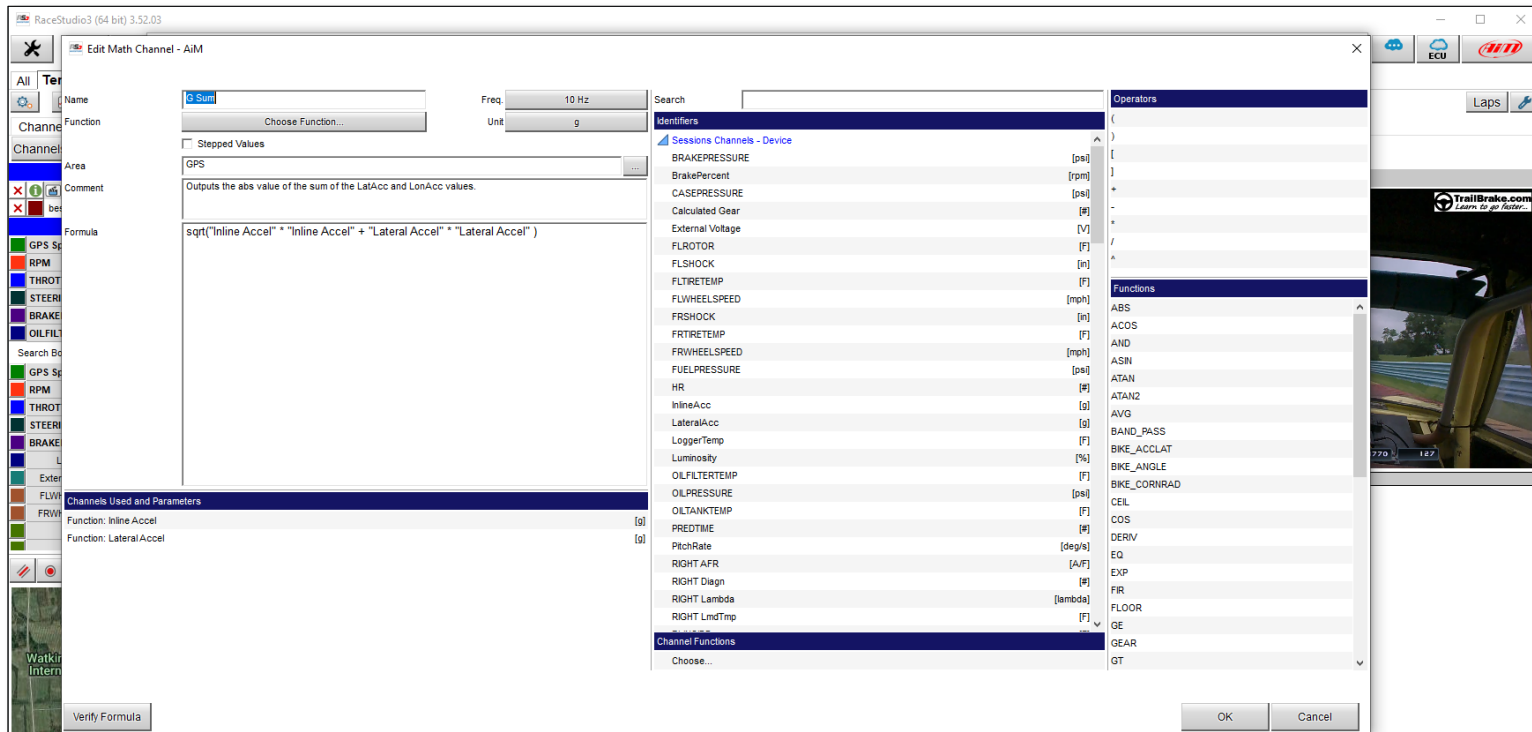
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RS3 Math Channel Function

A New and More Powerful Tool



Host:

Roger Caddell

AiM Sports - National Training Manager

Co-Host:

Emiliano Bina

AiM-Sportline - Software Team

Co-Host:

Filippo Calvi

AiM-Sportline - Software Team

Next Webinar: Tuesday March 15th, 2022 - 10:00am Pac/1:00pm East

Next Webinar

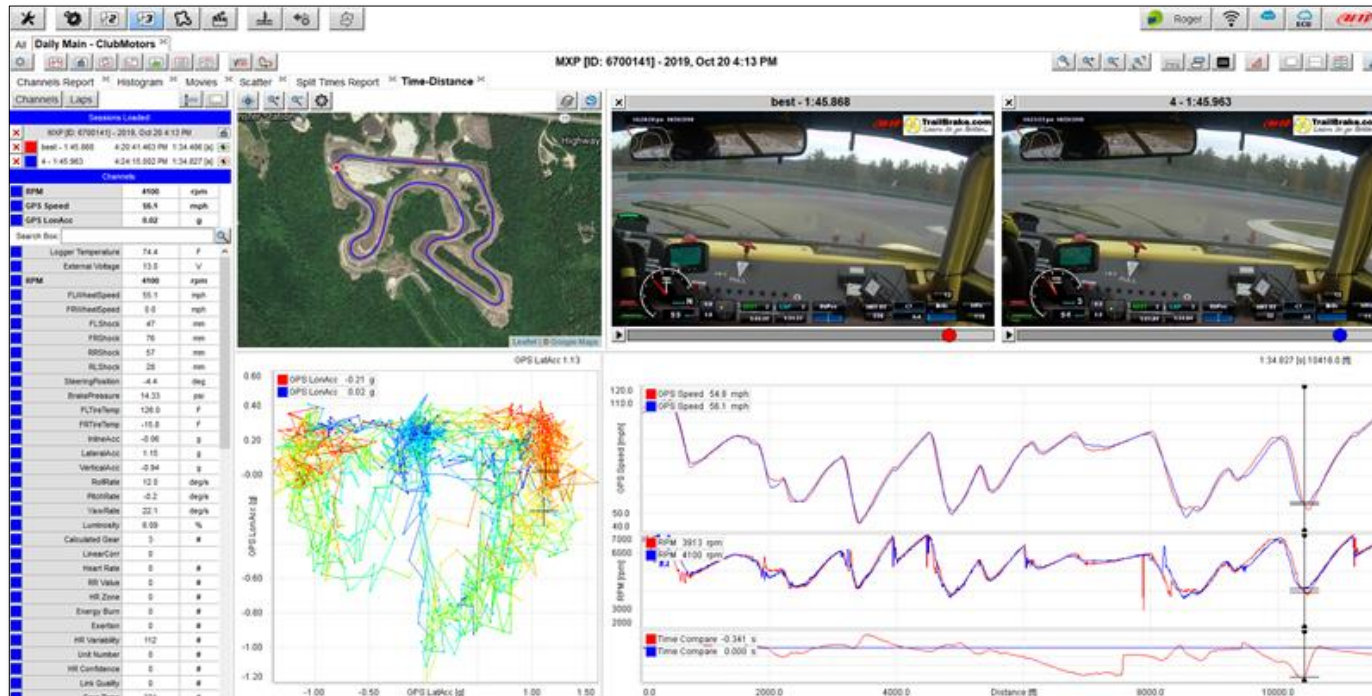
RS3A Math Channel Function

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Tuesday March 8th, 2021

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