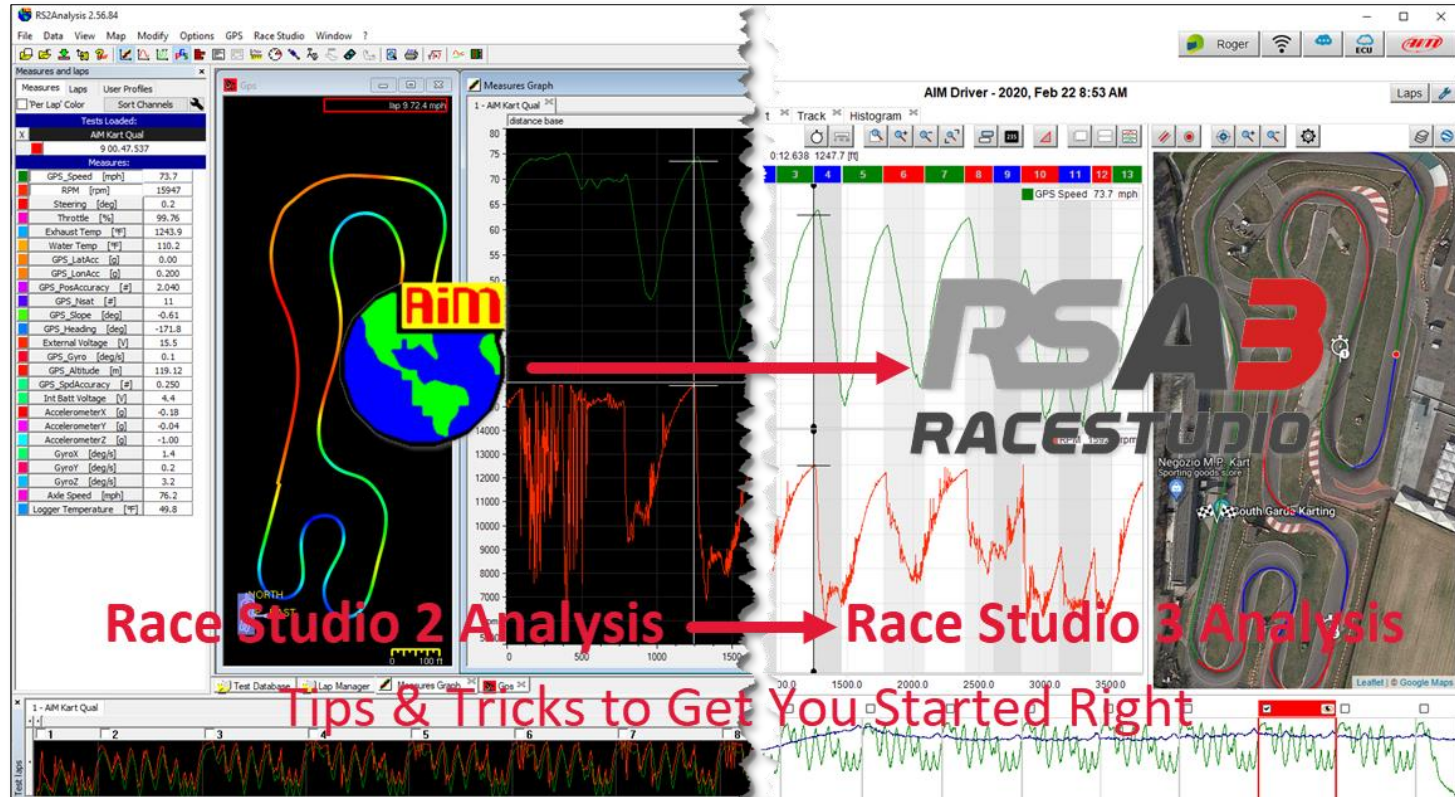


Transition From RS2A to RS3A

Setting Up & Moving Your Data and Math Channels



Host:

Roger Caddell

AIM Sports - National Training Manager



aimsports.com

Tuesday March 22nd, 2022

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Roger Caddell

AiM Sports - National Training Manager
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Roger Caddell

AiM Sports National Training Manager

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Transition From RS2A to RS3A

What to Do When the Time is Right for You



RS3 RACESTUDIO

Transition From RS2A to RS3A

What Can Be Transferred?

What Can Be Transferred from RS2A to RS3A?

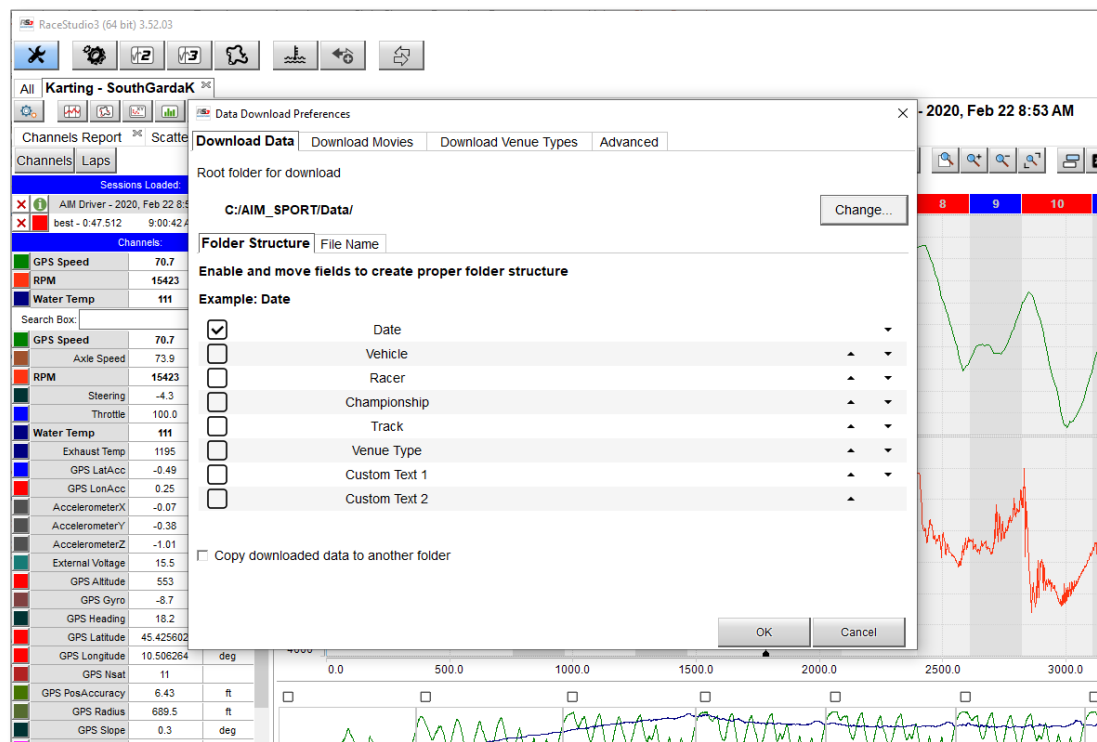
- What *Can* Be Transferred
 - Data
 - Math Channels
- What *Cannot* Be Transferred?
 - User Profiles
 - Custom Sensors
 - Analysis Track Maps/Segments
- Not Applicable
 - Configurations
 - Tracks
 - CAN Protocols

Transition From RS2A to RS3A

A Chance to Plan Things Out

Moving from RS2A to RS3A Gives Us Some Opportunities:

- Review/Setup Data Download Location
- Consider not Importing All Your Data Files – Store Some in RS2



Transition From RS2A to RS3A

A Chance to Plan Things Out

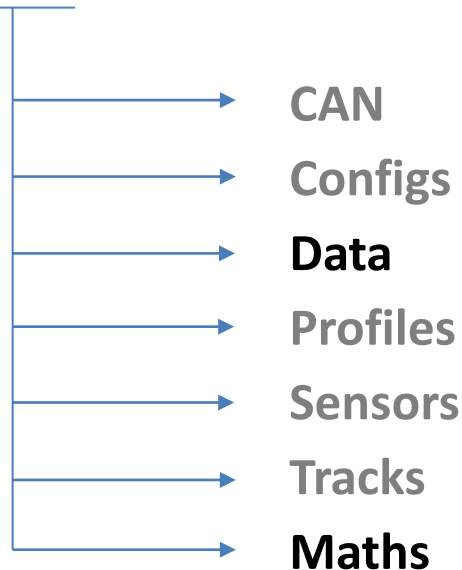
General Data Organization

Ideas on How to Organize Your File Structure

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



AiM



Transition From RS2A to RS3A

A Chance to Plan Things Out



‘Cloud’ Data Download Location Example from Matt Romanowski

Data Download Preferences

Download Data | Download Movies | Download Venue Types | Advanced

Root folder for download

C:/Users/matt/OneDrive/AiM RS3 Data/ Change...

Folder Structure | File Name

Enable and move fields to create proper folder structure

Example: Date/Racer

☒	Date		
☒	Racer	▲	▼
☐	Vehicle	▲	▼
☐	Championship	▲	▼
☐	Track	▲	▼
☐	Venue Type	▲	▼
☐	Custom Text 1	▲	▼
☐	Custom Text 2	▲	

☐ Copy downloaded data to another folder

OK Cancel

RS2A Data Location

You Have Several Options

Your Race Studio 2 Data May be in Many Different Folders
Check the Data Location from The RS2A Database Manager Page
Or You Can 'Export' Some/All Data to Your New Folder Structure

Test database													
Select track			Select vehicle			Select driver			Select championship			Select test type	
Show all			Show all			Show all			Show all			Show all	
Test name	Test date	...	...	Best lap...	Driver	Test type	Vehicle	Championship	Track	Comment	File path	File name	
129 060902Qual	Sat, Sep 02, 2006 02:05:12 PM	13	5	1 02.00.935	Andrew...	Generic...	#88...	None	Topeka		C:\AIM_SPORT\data\Old RS2 Data\	060902Qual.drk	
168 AIM - Kinetic	Sun, Jun 12, 2005 01:55:29 PM	6	5	1 00.56.580	AIM Driver	Generic...	energ...	None	genik		C:\AIM_SPORT\data\Old RS2 Data\	WarmUp.drk	
5 AIM - Kinetic	Sun, Jun 12, 2005 01:55:29 PM	6	5	1 00.56.580	AIM Driver	Generic...	energ...	None	genik		C:\AIM_SPORT\data\RaceStudio2\DATA\SAMPLES\Yarling\	WarmUp.drk	
163 Shop Engine Breakin2	Sun, Mar 27, 2005 02:39:31 PM	23	5	1 00.09.449	None	Generic...	None	None	None		C:\AIM_SPORT\data\Old RS2 Data\	Shop Engine Breakin2.drk	
127 050319 Race Chris	Sat, Mar 19, 2005 05:09:16 PM	19	9	3 01.28.008	Chris Sp...	Generic...	VD 94	Seminar File	None	Seminar File	C:\AIM_SPORT\data\Old RS2 Data\	050319 Race Chris.drk	
128 050319 Race Scott	Sat, Mar 19, 2005 05:08:17 PM	18	6	1 01.28.299	None	Generic...	None	None	Las Vegas		C:\AIM_SPORT\data\Old RS2 Data\	050319 Race Scott.drk	
125 040912	Wed, Sep 22, 2004 06:44:19 PM	25	5	2 00.37.000	Jerry	Generic...	VW Dr...	Seminar	Woodburn	Includes 7 runs from Sept 9...	C:\AIM_SPORT\data\Old RS2 Data\	040912dragwoodburn.DRK	
88 040912	Wed, Sep 22, 2004 06:44:19 PM	25	5	2 00.37.000	Jerry	Generic...	VW Dr...	Seminar	Woodburn	Includes 7 runs from Sept 9...	C:\AIM_SPORT\data\WV Drag Race Truck Data\	040912dragwoodburn.DRK	
146 091804 Sat Main pm	Sat, Sep 18, 2004 06:05:58 PM	26	22	1 00.45.530	Race	Generic...	G.P.	None	Oklahoma	finished 7 th	C:\AIM_SPORT\data\Old RS2 Data\	091804 Sat Main pm.drk	
147 091804 Sat Main	Sat, Sep 18, 2004 01:09:40 PM	19	9	1 00.45.390	Race	Generic...	G.P.	None	Oklahoma	better in the start, then got...	C:\AIM_SPORT\data\Old RS2 Data\	091804 Sat Main.drk	
145 091704 PM Qualify Fri	Fri, Sep 17, 2004 06:09:28 PM	21	7	1 00.45.410	Race	Generic...	G.P.	None	Oklahoma		C:\AIM_SPORT\data\Old RS2 Data\	091704 PM Qualify Fri.drk	
144 091704 day qualify 1	Fri, Sep 17, 2004 11:52:09 AM	11	5	1 00.45.810	Race	Generic...	G.P.	None	Oklahoma		C:\AIM_SPORT\data\Old RS2 Data\	091704 day qualify 1.drk	
126 040814 heat 2	Sun, Aug 15, 2004 09:01:21 PM	5	2	1 00.11.105	Jon	Generic...	Hydro...	Seminar File	Black Lake II	Jones Prop, Rudder Proble...	C:\AIM_SPORT\data\Old RS2 Data\	041408 heat 2.drk	
124 040808 Qual	Sun, Aug 08, 2004 12:14:58 PM	4	3	1 00.33.553	Andrew...	Generic...	SKM R...	Kart Seminar	PSGKA New	Seminar File	C:\AIM_SPORT\data\Old RS2 Data\	040808 Qual.drk	
153 Buttonwillow Heat 2	Sat, Mar 20, 2004 02:58:51 PM	24	8	1 00.55.938	Brennan	Generic...	Birel S...	None	Buttonwillow	Blew chain 79 Gear ..raised ...	C:\AIM_SPORT\data\Old RS2 Data\	Buttonwillow Heat 2.drk	
152 Buttonwillow Heat 1	Sat, Mar 20, 2004 12:35:11 PM	11	8	1 00.55.938	Brennan	Generic...	G.P.	None	Buttonwillow	out 16/17 passed on start o...	C:\AIM_SPORT\data\Old RS2 Data\	Buttonwillow Heat 1.drk	
155 Buttonwillow Rc Pr 2	Sat, Mar 20, 2004 10:25:49 AM	7	4	1 00.56.011	Brennan	Generic...	Birel S...	None	Buttonwillow	Whole kart sliding out 17/1...	C:\AIM_SPORT\data\Old RS2 Data\	Buttonwillow Rc Pr 2.drk	
154 Buttonwillow Prac 4	Fri, Mar 19, 2004 03:18:00 PM	11	9	1 00.56.465	Brennan	Generic...	Birel S...	Kart Seminar	Buttonwillow	Increased Clutch 1/4 turn 5...	C:\AIM_SPORT\data\Old RS2 Data\	Buttonwillow Prac 4.drk	
157 dyno midget	Tue, Mar 02, 2004 08:21:11 PM	5	4	1 00.03.412	None	Generic...	McCo...	None	Hoffses S...	Test 1, break-in oil #2, 82 jet	C:\AIM_SPORT\data\Old RS2 Data\	dyno040302Test1.drk	
123 040228 Prac 03	Sat, Feb 28, 2004 01:43:20 PM	9	4	1 00.27.160	Justin	Generic...	SKM L...	Kart Seminar	PSGKA New	Seminar File	C:\AIM_SPORT\data\Old RS2 Data\	040228Prac03.drk	
150 Bradens_002	Sat, Feb 21, 2004 03:39:29 PM	7	5	1 00.13.290	Kendell	Generic...	Blue P...	None	Aynor	Seminar File	C:\AIM_SPORT\data\Old RS2 Data\	Bradens_002.drk	
166 thanksgiving	Sat, Nov 22, 2003 03:47:46 PM	8	5	1 00.17.800	None	Generic...	None	Seminar File	Formule		C:\AIM_SPORT\data\Old RS2 Data\	thanksgiving.drk	
162 ShockDyno	Thu, Sep 11, 2003 04:38:59 PM	1	1	1 01.45.400	None	Generic...	Dyno	None	None	Speeds 50,100,200,300,40...	C:\AIM_SPORT\data\Old RS2 Data\	Shock10hz.drk	
165 030504 Main	Sun, May 04, 2003 02:57:06 PM	23	11	1 00.44.299	Brenna...	Generic...	03 CR...	03 KF Reg...	Tri-Cities	New carb 11/12 Air Weigh...	C:\AIM_SPORT\data\Old RS2 Data\	TXC 20 Lap.drk	

Transition From RS2A to RS3A

Race Studio 2 Data Location

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Data Import

Getting Data Into Production

Import your data from the folder where you exported them.

Import

Change DB Filters
Cleanup/Compress DB

#	Date	NHMS Road
3	2021, October 31	None
4	2018, October 06/07	None
10	2018, April 20/22	None
1	2017, October 10	None
2	2017, August 19/20	None

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

Matt Romanowski - 2021, Oct 31 3:16 PM (4 laps enabled)

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

GPS Speed (mph) vs Distance (ft)

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 list of events for 'NHMS Road' is shown. The main window displays a table of sessions for 'NHMS Road - 2021, October 31 - Test'. A dialog box titled 'Import Sessions' is open, prompting the user to choose an import action. The dialog box has two buttons: 'Import Folder' and 'Import File(s)'. The background table shows the following data:

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

Below the table, there is a graph showing 'GPS Speed (mph)' vs 'Distance (ft)'. The graph shows a red line representing the speed profile over a distance of 8000.0 ft. The speed fluctuates between approximately 30 and 110 mph.

Data Import

Getting Data Into Race Studio 3 Analysis

Import your data from the folder(s) where you found/exported them

The screenshot shows the RaceStudio3 software interface. On the left, there's a sidebar with 'All Events (22 sessions of 2405)' and a list of sessions for 'NHMS Road + 1'. The main window displays a table of sessions for 'NHMS Road - 2021, October 31 - Test'.

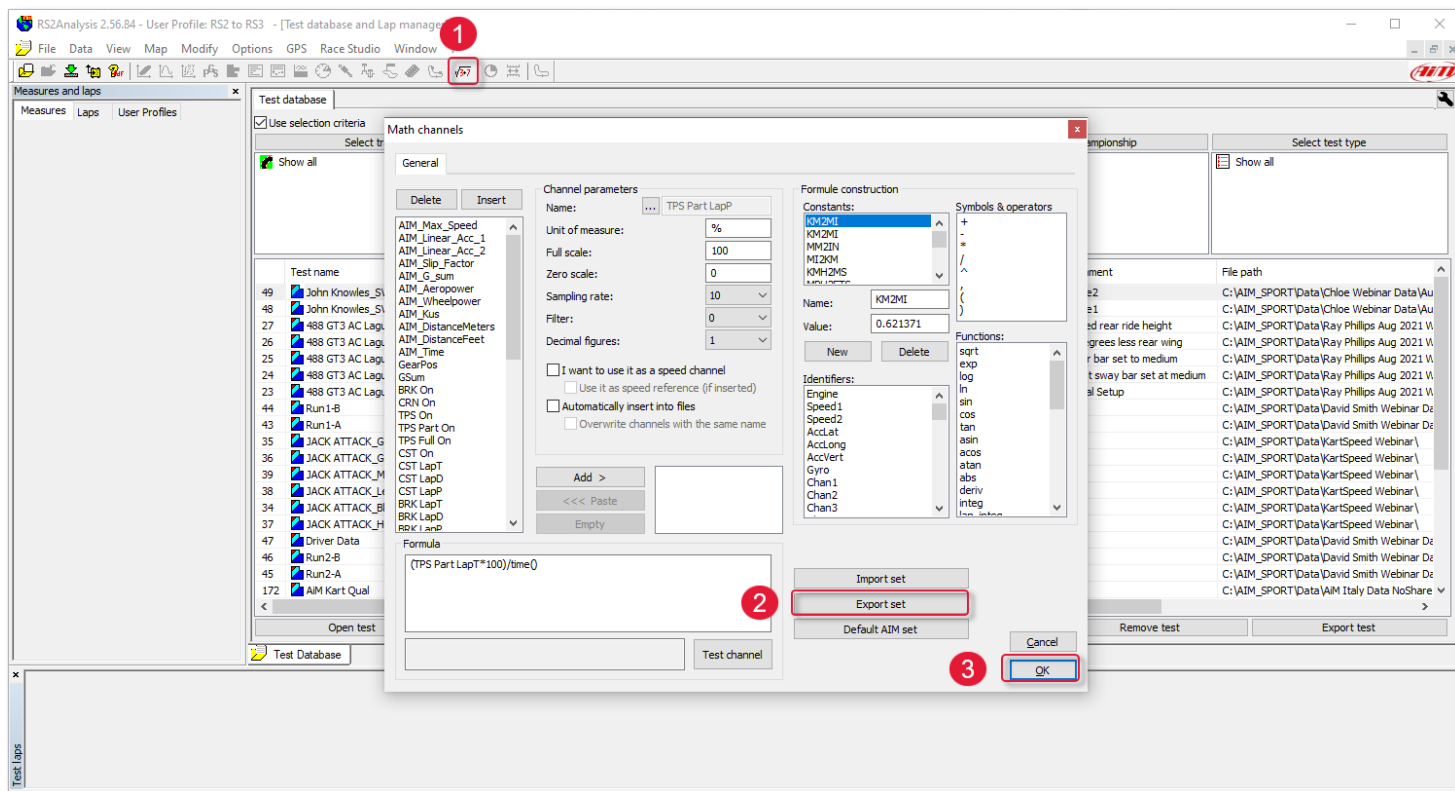
Session Date/Time	lap(s)	best	Venue Type	Racer	Vehicle	Championship	Track
2021, Oct 31, 3:16 PM	6	1:20.282	Practice 1	Matt Romanowski	Chiquita	Test	NHMS Road
2021, Oct 31, 1:25 PM	13	1:21.231	Practice 1	Matt Romanowski	Chiquita	Test	NHMS Road
2021, Oct 31, 10:46 AM	8	1:32.940	Practice 1	Matt Romanowski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

A 'Select Folder' dialog box is open, showing the contents of a 'Dropbox > AIM' folder. The 'Data' folder is highlighted, and a red arrow points to the 'Select Folder' button. The background shows the RaceStudio3 interface with a graph of distance vs. time.

Math Channel Export

Getting Math Channels From RS2A

You can export math channel selections several ways
from a single math channel to all math channels



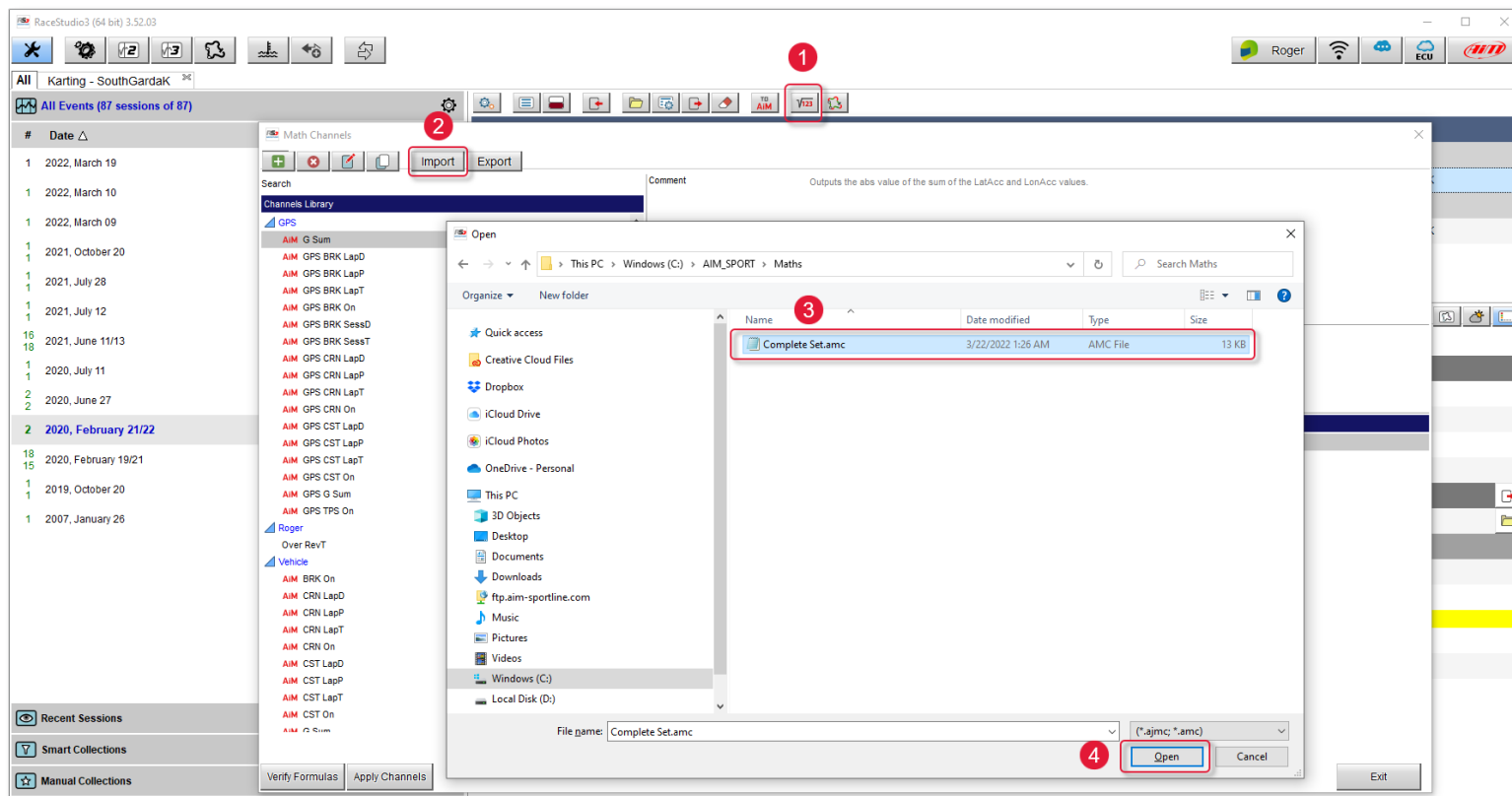
Transition From RS2A to RS3A

Exporting Math Channels from RS2A

Math Channel Import

Getting Math Channels From RS2

You can import math channel sets from RS2 as well.

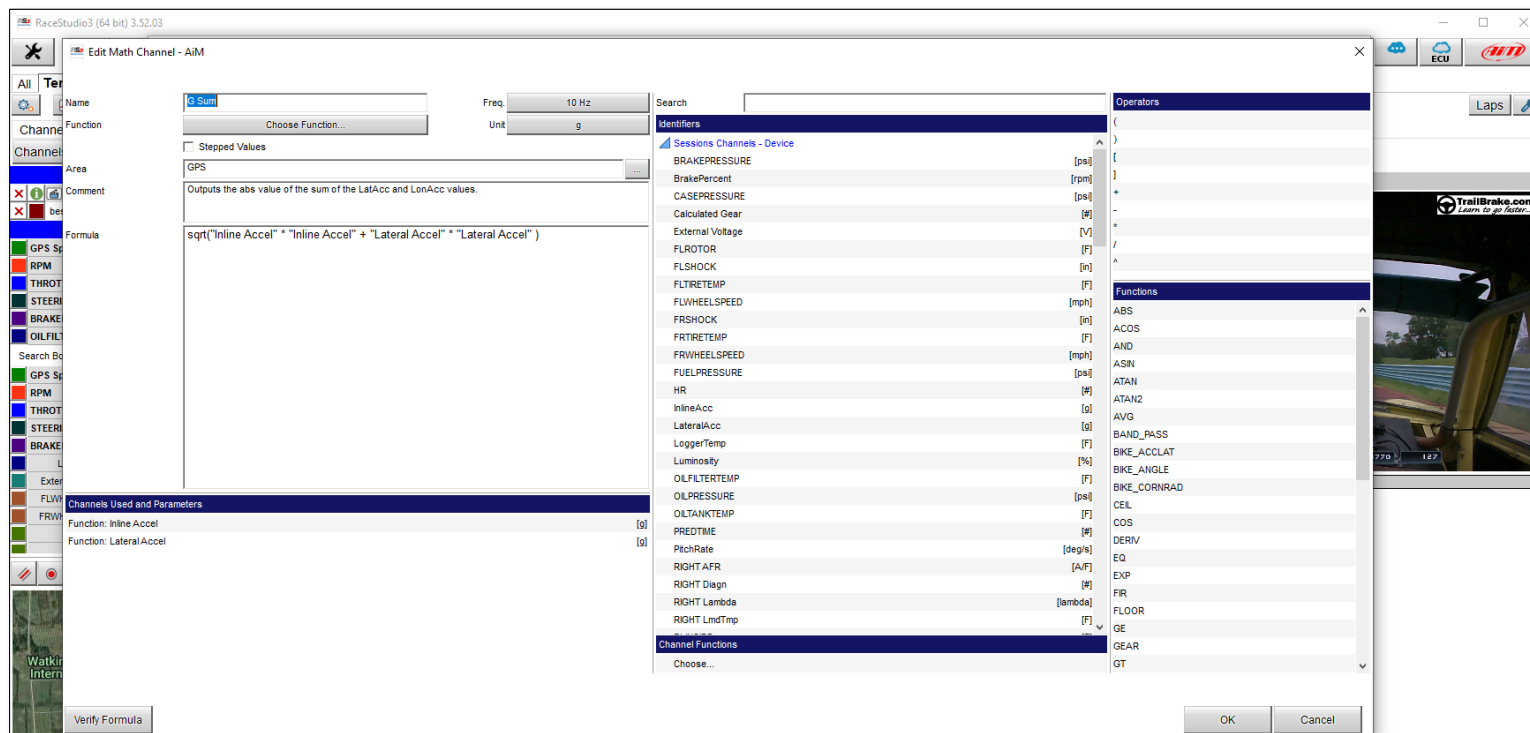


Transition From RS2A to RS3A

Getting Math Channels From RS2

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Live Race Studio Demonstration



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Transition From RS2A to RS3A

Live Race Studio Demonstration

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Transition From RS2A to RS3A
Setting Up & Moving Your Data and Math Channels

Host:
Roger Caddell
AiM Sports - National Training Manager

LearnFast™ #125

Tuesday March 22nd, 2022

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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
- * Most Popular and Recommended*

RS3 Math Channel Function
A New and More Powerful Tool

Host:
Roger Caddell
AiM Sports - National Training Manager

Co-Host:
Emiliano Bina
AiM Sports - Software Team

LearnFast™ #126

Tuesday March 19th, 2022

aimsports.com

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

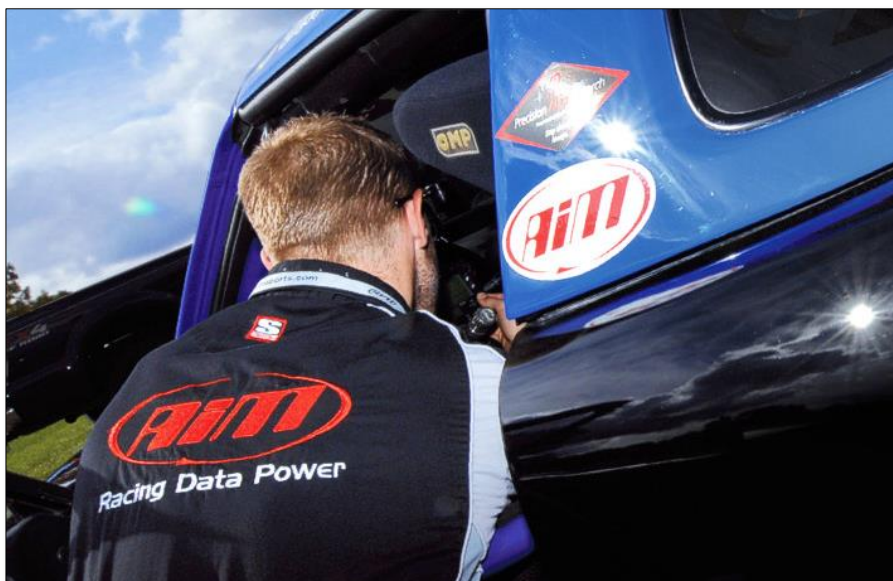
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Customer Support

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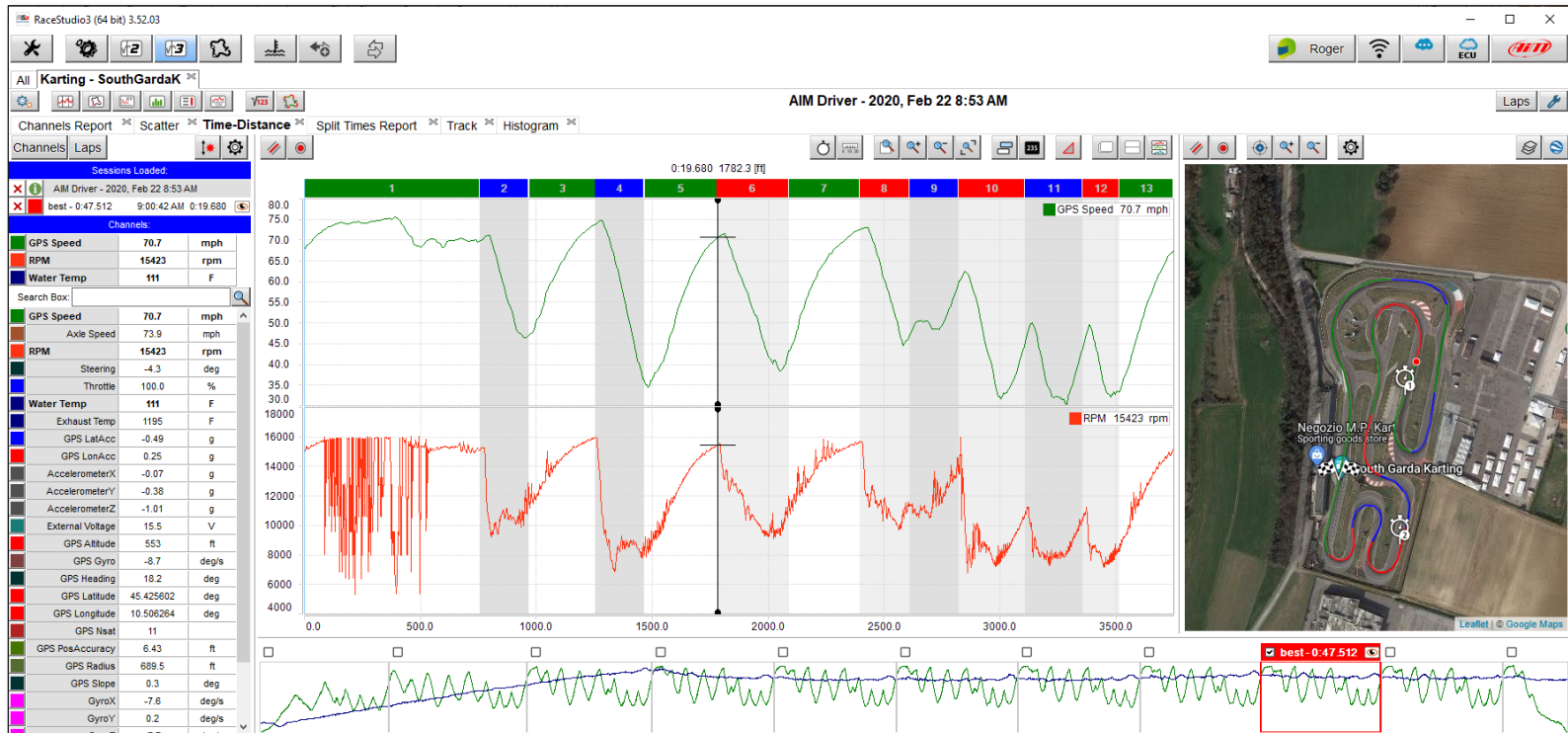
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Race Studio 3 Analysis

The Best Use of the 'Time-Distance' Function



Host:

Roger Caddell

AIM Sports - National Training Manager

Co-Host:

TBD

TBD

Next Webinar: Tuesday March 29th, 2022 - 10:00am Pac/1:00pm East

Next Webinar

RS3A Time-Distance Function

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Upcoming Webinars

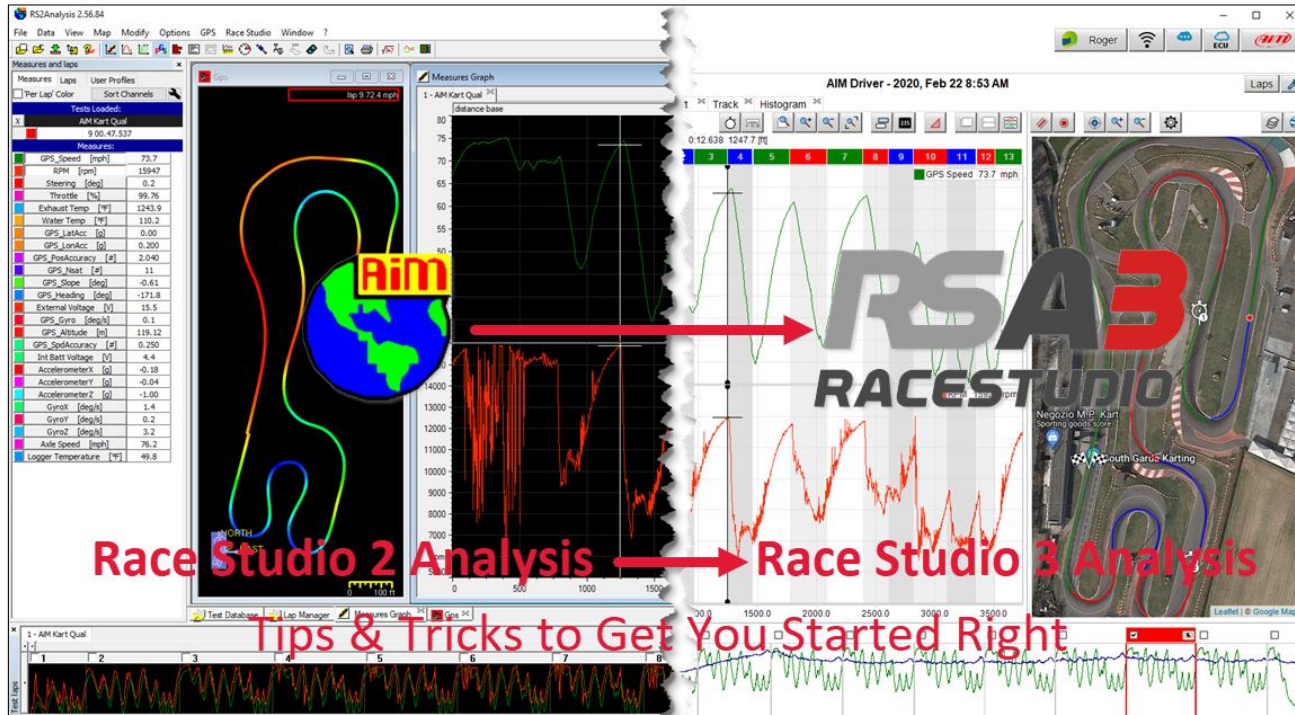
RS3A Focused Webinar Tentative Schedule

Here is our Tentative RS3 Analysis Focused Webinar Schedule

- 3/01/2022 - Personalizing Your RS3A Experience - <https://youtu.be/jEfu8nJuP5k>
- 3/08/2022 - RS3A Beta to RS3A Production - <https://youtu.be/weU3A7mWXGQ>
- 3/15/2022 - RS3A Math Channels - <https://youtu.be/bFeScFY33Jk>
- 3/22/2022 - Transitioning from RS2A to RS3A - Today's Webinar
- 3/29/2022 - RS3A 'Time-Distance' Function
- 4/05/2022 - RS3A 'Channels Report' Function
- 4/12/2022 - RS3A 'Scatter' Function
- 4/19/2022 - RS3A 'Split Times Report' Function
- 4/26/2022 - RS3A 'Track' Function
- 5/03/2022 - RS3A 'Histogram' Function
- 5/10/2022 - RS3A 'Opening Database' Function

RS3
RACESTUDIO

Contact Information



Race Studio 2 Analysis → **Race Studio 3 Analysis**
Tips & Tricks to Get You Started Right

Host:

Roger Caddell

AiM Sports - National Training Manager
 roger@aimsports.com



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Tuesday March 22nd, 2021

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