



RaceDay Product Updates

2024 and Beyond!





Speakers



James Harris,
Chief Technology Officer

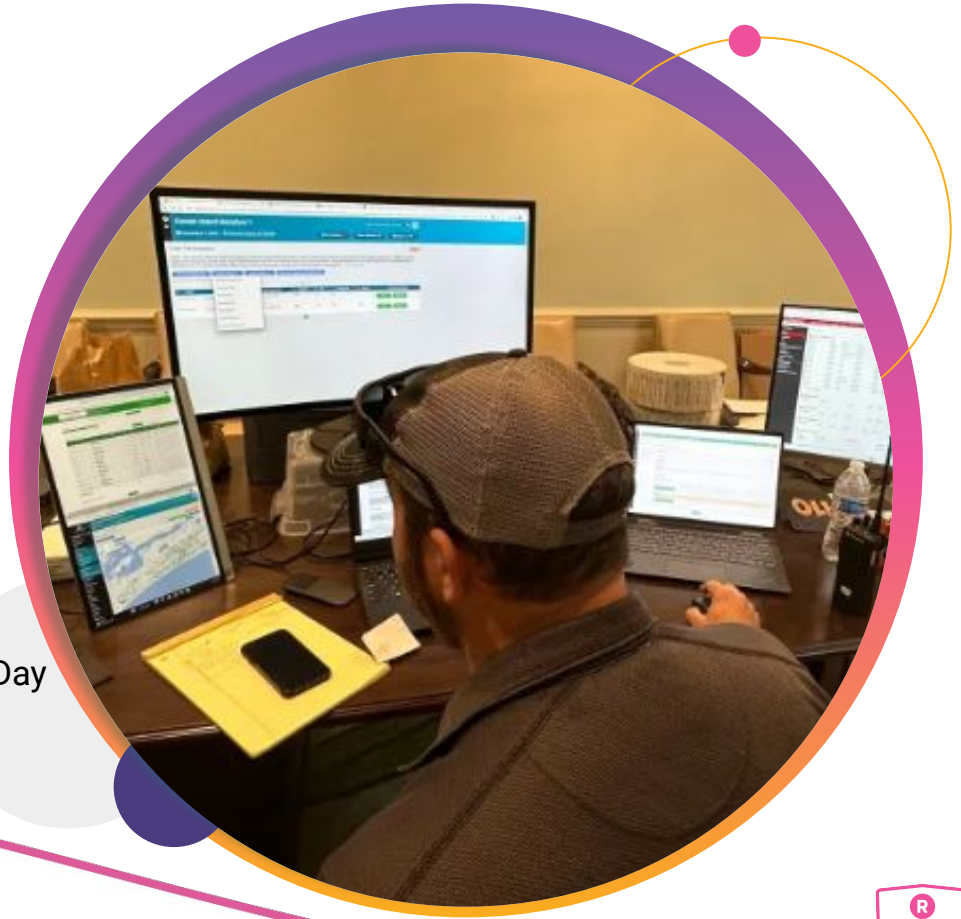


Matt Avery,
EventDay Product Manager



Agenda

- RaceDay Suite - Realtime Open Platform
- Participant Tracking Advancements
- Platform Vendor Partner Integrations
- CheckIn & RaceDay Kiosk Technology
- Mobile Timing App & Tools
- Series Scoring Platform Updates
- RaceDay Scoring
 - There are two detailed sessions on RaceDay Scoring coming up next!





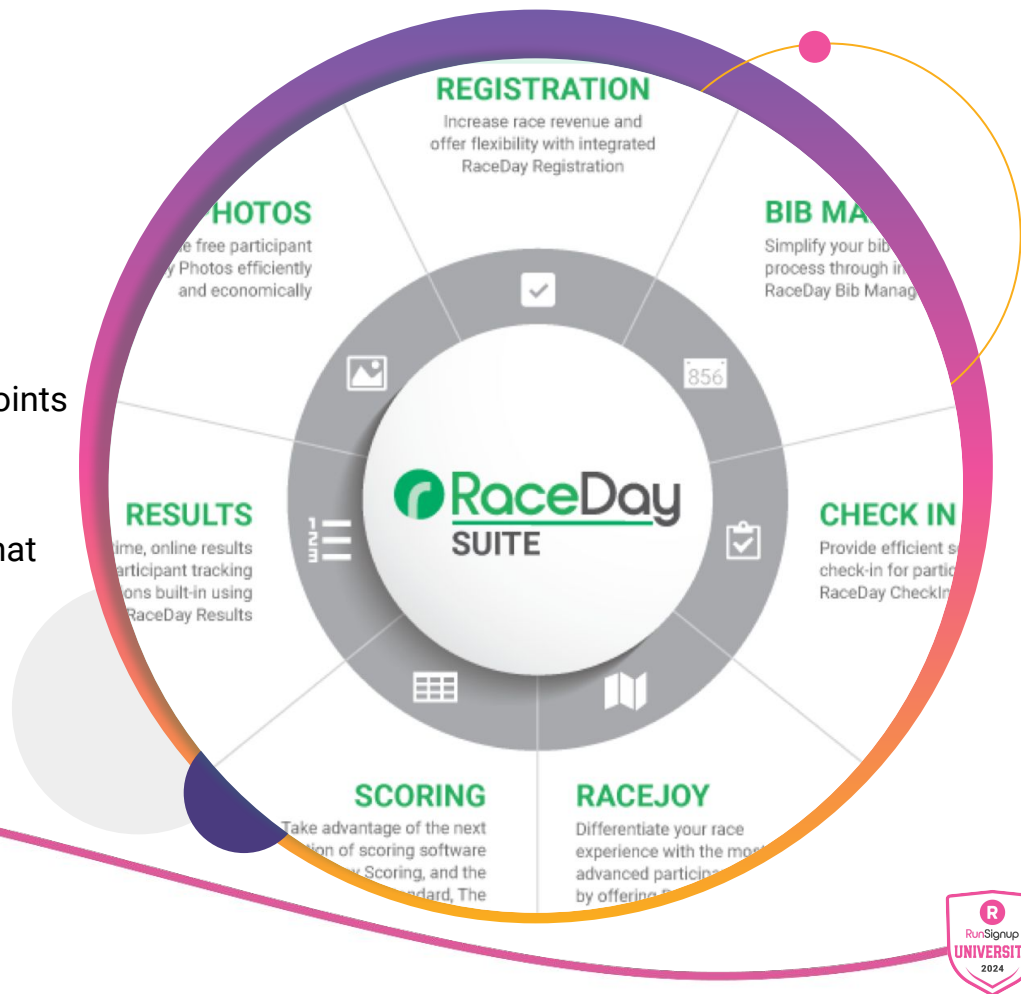
RaceDay Suite

Real Time Strategy for Race Day

RaceDay Platform

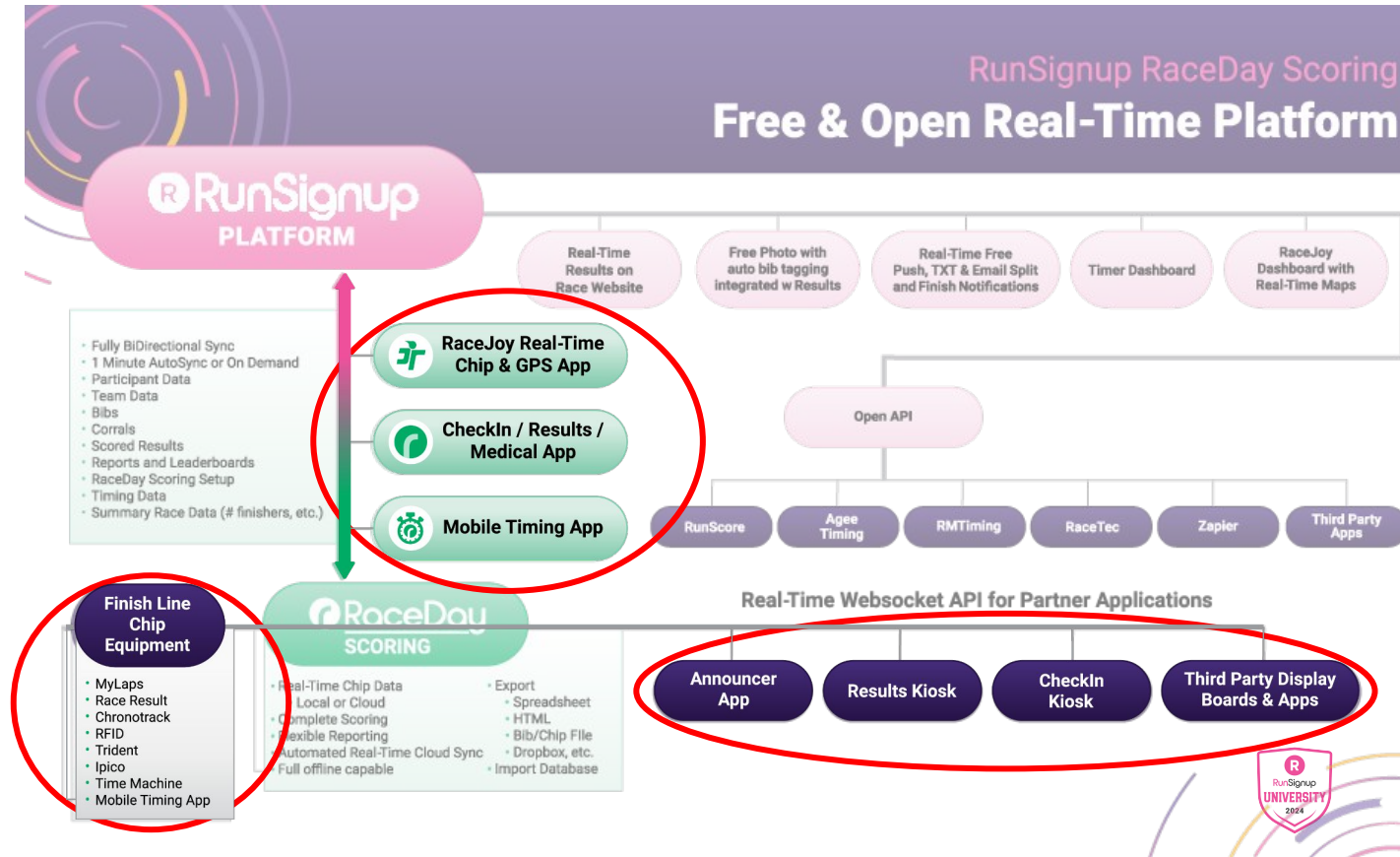
Our Vision & Strategy

- Open API Platform
- Pick and Choose Your Tools & Integration Points
- Build Integrations with Vendor Partners
 - Your a part of these decisions on what integrations matter!



Our Focus in this Session

- Participant Tracking
 - ◆ RaceJoy
- CheckIn & Kiosk Technologies
- Mobile Timing App
- Integration Partners





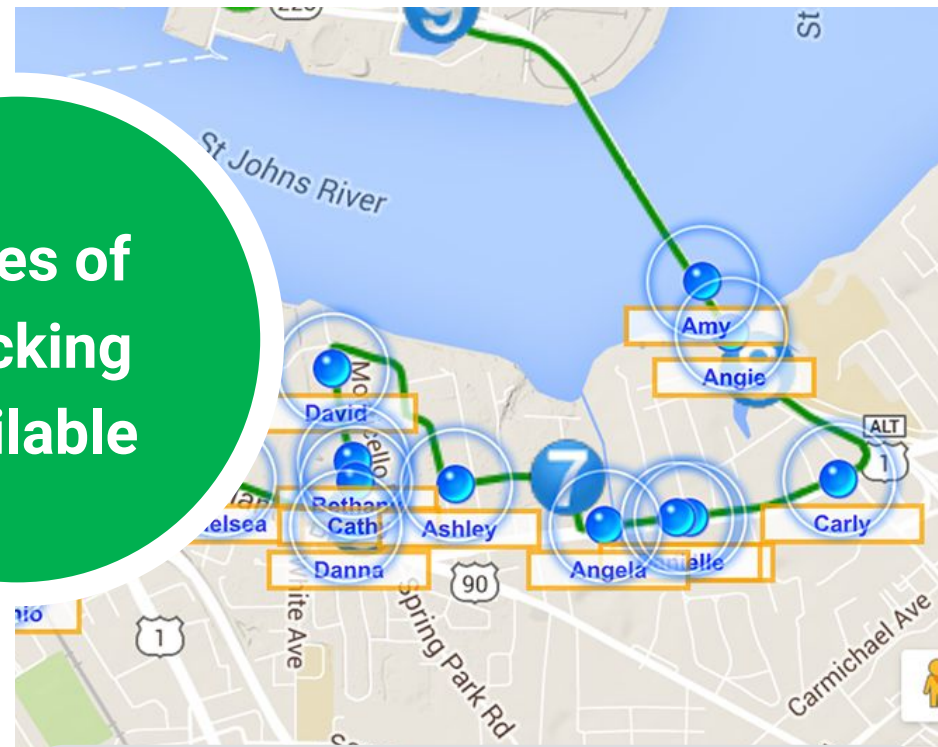
Participant Tracking

RaceDay Scoring & RaceJoy



**Traditional
Bib/Chip Tracking
Official-Timed Tracking**

Types of Tracking Available

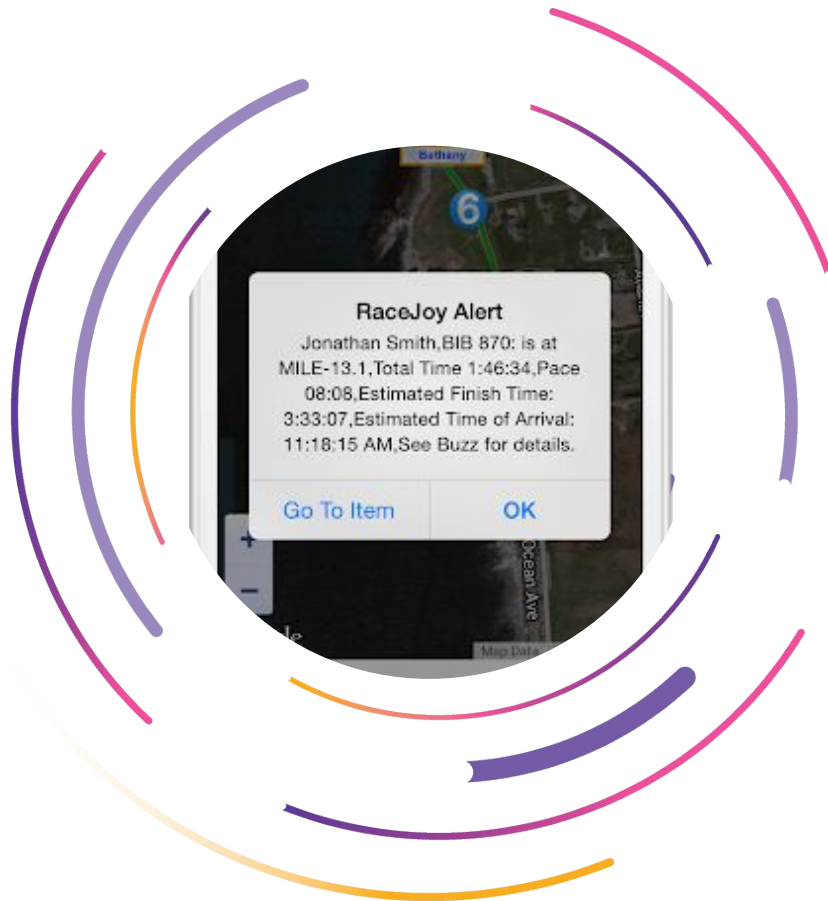


**GPS Tracking
Continuous Timed Tracking**

RaceJoy - Bringing it all together in 2024!

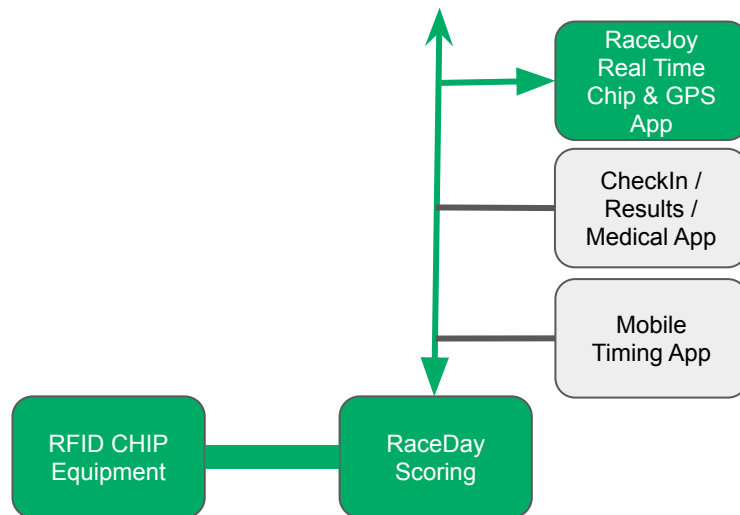
RFID BibTag Timing Notifications in RaceJoy

- Direct Streaming of Timing Data from RDS to RaceJoy Users
- Participants don't have to carry their phone..
Based on your Timing Data streaming into RDS
- Simplified enablement for Spectators
 - Don't have to setup prior for Text Alerts or find that link – just say RaceJoy!



RaceDay Scoring Streaming to RaceJoy

- Timers do NOT have to score the race in RDS to offer this service
- RDS is the streaming source platform from your equipment to RaceJoy



Simple Setup

1. Enable RaceJoy for your Event Courses
2. Add Timing Points to the Course Map
3. Setup Mapping of RJ Course Timing Points to RDS Timing Location-Occurrence in RDS for Streaming
4. Start Streaming

The screenshot shows the RaceJoy Test Event interface. The top navigation bar includes a 'Select a Race' dropdown, a 'Start RaceJoy Interface' button, and status indicators for RaceJoy, Reads, Auto-Saves, RaceDay Hub, and Data Issues. The left sidebar contains various icons, with a green arrow pointing to the 'Notifications' icon (a person with a speech bubble). The main content area is titled 'Notifications' and shows the 'RaceJoy Setup' section. It includes a 'SAVE' button, a 'RaceJoy Course' dropdown set to '13.1', and a checkbox for 'I certify that this event should process timing notifications through RaceJoy.' Below this is a table mapping 'Location / Occurrence' to 'RaceJoy Course Point'.

Location / Occurrence	RaceJoy Course Point
Start - Occurrence 1	START
Finish - Occurrence 1	FINISH
10K - Occurrence 1	10K SPLIT

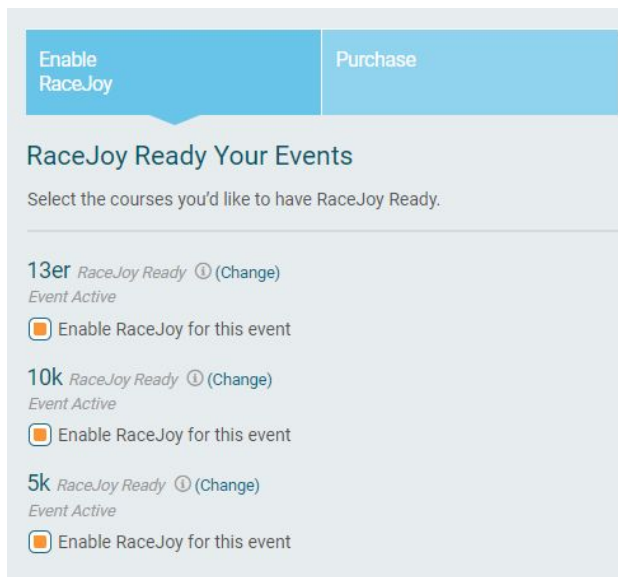
NOTE :: New Area Called Notifications in RDS

Coming Later: Timers will be able to configure Text Alerts from this area right from RDS

RaceJoy Enablement

Step 1 :: Enable the Courses

- Requires RaceJoy Certification
 - Usage is free if race uses RSU Registration, otherwise \$750 per event
 - No per participant costs or fees to offer this app service to your events
 - Make more revenue for your business
- **New Online RaceJoy Certification in 2024 to cover timing integration!**



RaceJoy Enablement

- Alternate Course Processing
 - Only need to build one map for the different actual course(s) that participants traverse.
 - Recall Relay Processing requires a different course for the exchange points and their associated timing configurations



Course Name	Course Processing Type	Registration Event Name	Tracking Period	Certified	Course In Use
Half Marathon	Standard Course	Half Marathon	6/22/2024 7:00 AM - 6/22/2024 2:00 PM	Certified	Half Marathon
10K	Standard Course	10K	6/22/2024 7:30 AM - 6/22/2024 11:30 AM	Certified	10K
5K	Standard Course	5K	6/22/2024 7:30 AM - 6/22/2024 10:30 AM	Certified	5K
5K (Untimed)	Uses Alternate Course	5K (Untimed)	6/22/2024 7:30 AM - 6/22/2024 10:30 AM	Certified	5K
5K - Extended Online Registration	Uses Alternate Course	5K - Extended Online Registration	6/22/2024 7:30 AM - 6/22/2024 10:30 AM	Certified	5K
5K (Untimed) - Extended Online Registration	Uses Alternate Course	5K (Untimed) - Extended Online Registration	6/22/2024 7:30 AM - 6/22/2024 10:30 AM	Certified	5K
Half Marathon - Extended Online Registration	Uses Alternate Course	Half Marathon - Extended Online Registration	6/22/2024 7:00 AM - 6/22/2024 2:00 PM	Certified	Half Marathon

RaceJoy Timing Points

Step 1: Add Additional Timing Points to Course

- Only need to add additional timing markers if **NOT** on a standard mile position.
- For extra timing locations: Use Add Marker Action, then Calculate Distance with Add To Timing Configuration Selected.

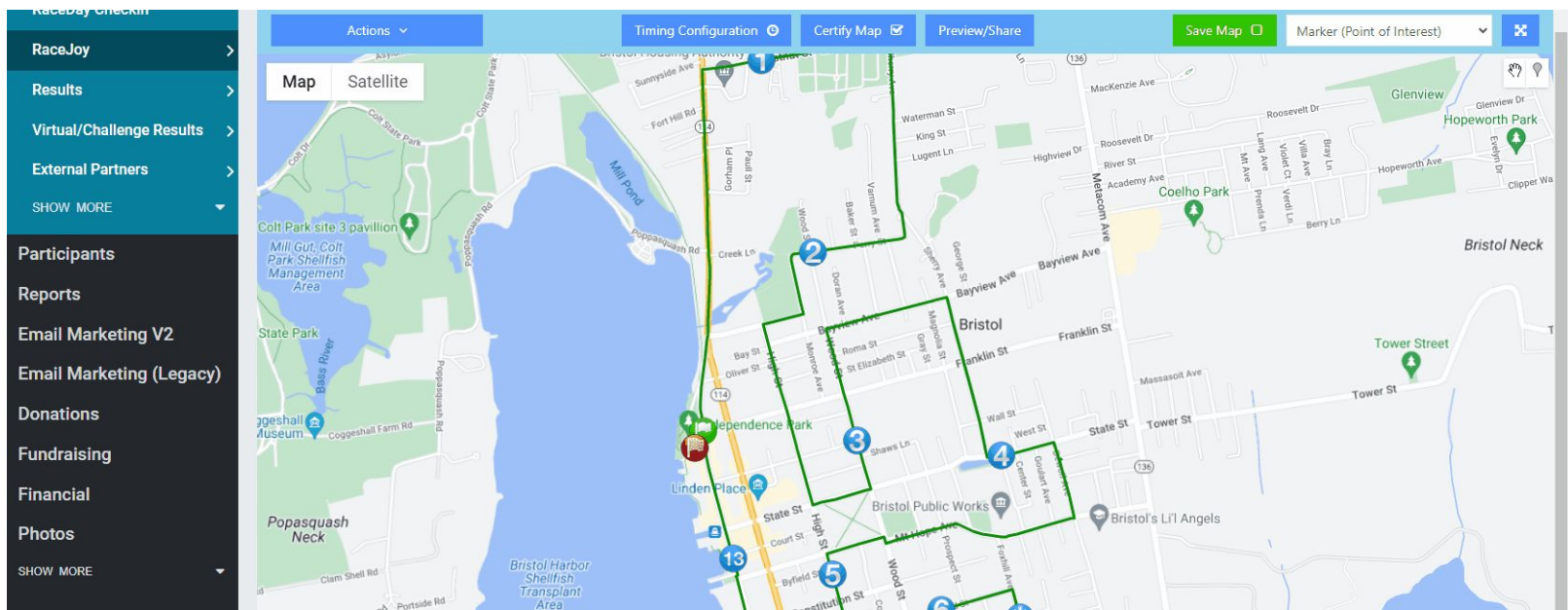
The screenshot displays the RaceJoy app interface. On the left is a dark teal sidebar with navigation options: RaceDay Checkin, RaceJoy, Results, Virtual/Challenge Results, External Partners, SHOW MORE, Participants, Reports, Email Marketing V2, Email Marketing (Legacy), Donations, Fundraising, Financial, Photos, and SHOW MORE. The main area shows a map with a green race course. A blue circle with the number '6' is placed on the course. The map includes street names like Catherine St, Prospect St, Foothill Ave, and Charles St. At the top, there's a blue header bar with '13.1' and buttons for Actions, Timing Configuration, Certify Map, Preview/Share, Save Map, and Draw Mode. A dropdown menu for 'Marker (Point of Interest)' is visible.

RaceJoy Timing Points

Step 2: Add Additional Timing Points to Course

Complete the timing configuration

- Set Timing Only **ON** for RFID Locations
- Update the **Spoken Name** to be meaningful in the Push Notifications to Users



RDS to RaceJoy Mapping

Step 3: Setup Mapping of RJ Course Timing Points to RDS Timing Location-Occurrence

- Map your RDS Timing Location-Occurrences to a RaceJoy Timing Point
- The SAME RDS Timing Location could be mapped to different RaceJoy Timing Points
 - Example: a 5K, 10K Split Point where participants cross the same timing mat multiple times for the 5K and then later 10K distance.

The screenshot displays the RaceJoy Test Event dashboard for the event 'james@runsignup.com' managed by TriPerta LLC. The dashboard is divided into several sections:

- Top 5 Gender Leaderboards:** Shows a dropdown for 'Scored Event' set to '13.1'. Below are tabs for 'TOP 5 MALES', 'TOP 5 FEMALES', and 'TOP 5 NON-BINARY'. A message states: 'No Male Results Found. If results are loaded, check that you have a Gender Place column in a Report for this Scored Event.'
- Recent Reads at Start:** A table with columns: Name, Scored Event, Bib, Oc. #, Time. A 'FULL SCREEN' link is present.
- Recent Reads at Finish:** A table with columns: Name, Scored Event, Bib, Oc. #, Time. A 'FULL SCREEN' link is present.
- Recent Reads at 10K:** A table with columns: Name, Scored Event, Bib, Oc. #, Time. A 'FULL SCREEN' link is present.
- 13.1 Event Clock Time:** Shows 'Over a week ago'.
- SET START TIMES:** A section for setting start times.
- Race Statistics | 0 In Progress:** Includes a 'FULL SCREEN' link and a note: 'Note: Stats only include mapped scored events, and participants with bibs'.
- Entire Race | 3 Participants:** A summary section showing:
 - Non-Starters: 3 (100%)
 - Disqualified: 0 (0%)
 - Dropped: 0 (0%)
 - Does Not Qualify: 0 (0%)
 - In Progress: 0/0
 - Finishers: 0/0
- 13.1 | 3 Participants:** A section for the specific event.
- Report Auto-Saves:** Shows 'Auto-Saves: 0'.
- Reads By Location:** A section showing '0 START' and '0 FINISH' with 'BY EVENT' and 'OCC. #' options. It also includes 'Accepting Reads Until: 8:30:00am 04-30-2024'.

Notifications at the top right indicate: 'Reports updated successfully.' and 'Race segments have been saved.'

Streaming Control

Step 4: Start Streaming

- Scored Event Actual Start is required in order for PASSINGS to flow to RaceJoy
- Use GUNSHOT markers with equipment to achieve realtime accurate experiences
- START RaceJoy Interface and we will stream when actual start time exists

File Edit View Window Help

Select a Race | RaceJoy | Reads | Auto-Saves | RaceDay Hub | Data Issues: 0 | Notifications: 3 | GET HELP

RaceJoy Test Event | james@runsignup.com | LOG OUT | TriPerta LLC | Over a week ago

Scored Events

ADD SCORED EVENT | SAVE

13.1

Basic Info

Scored Event Name: 13.1

Event Distance: 13.1 | Unit: Miles | Pace Type: Min/Mile

Min Finish Time (HH:MM:SS.sss): Allowed

Included Registration Events - 13.1 Miles

☒ 13.1 - 13.1 Miles

Should Reports be Sorted by Clock Time or Chip Time?

☒ Clock Time ☐ Chip Time

☐ Allow Pre-Gun/Corral Times

☐ Require Chip Start Time

☐ Exclude Chip Time when generating default reports?

TEAM SCORING

Timing Locations

Start Timing Location: Start

Finish Timing Location: Finish

Default Finish Occurrence: 1

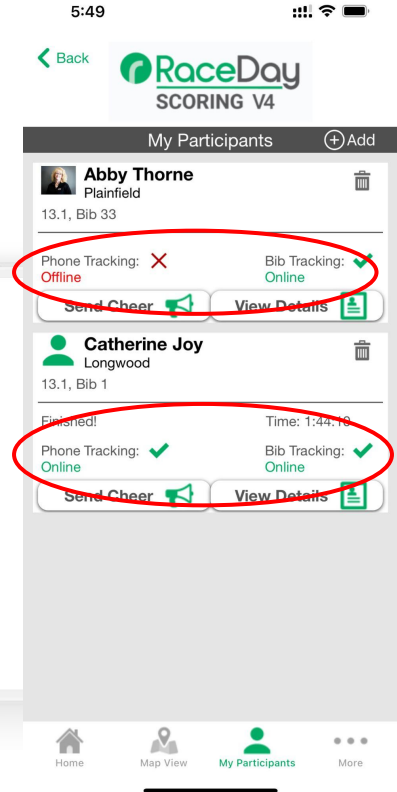
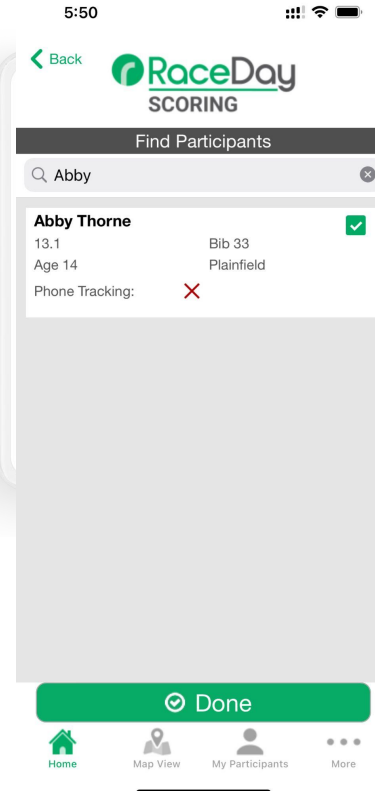
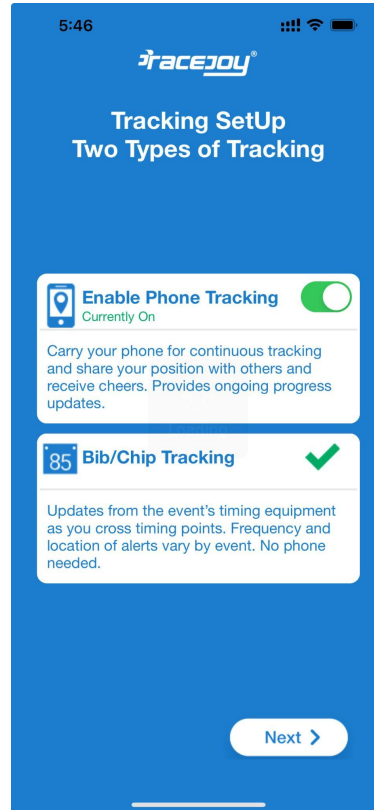
This will create an "Entire Race" Segment for you, which is used to calculate the total chip or clock times. You can create additional Segments if you would like to include Split times in the Segments Page

Times

Approximate Start Time	Time of Day (HH:MM:SS.sss)	Actual Start Time	Time of Day (HH:MM:SS.sss)	Max Chip Start Time Offset (HH:MM:SS.sss)
Date: 01/01/2022	Time of Day: 08:00:00.000 AM	Date: 01/01/2022	Time of Day: --:--:--:--	Offset: --:--:--:--

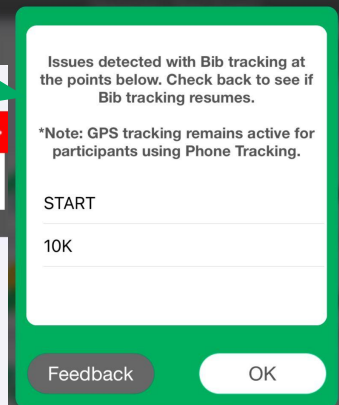
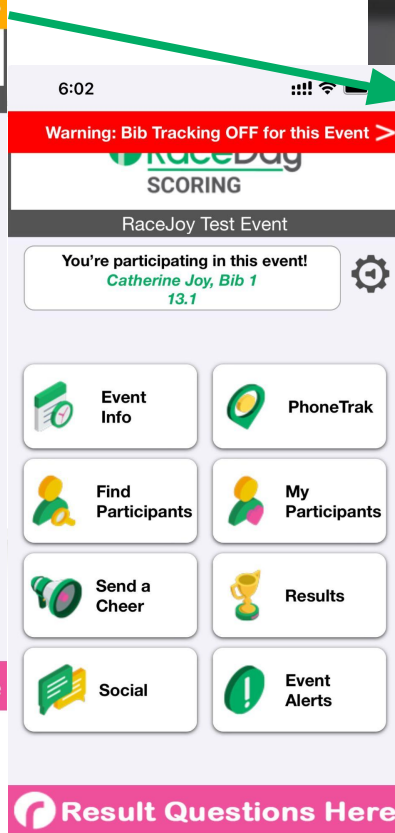
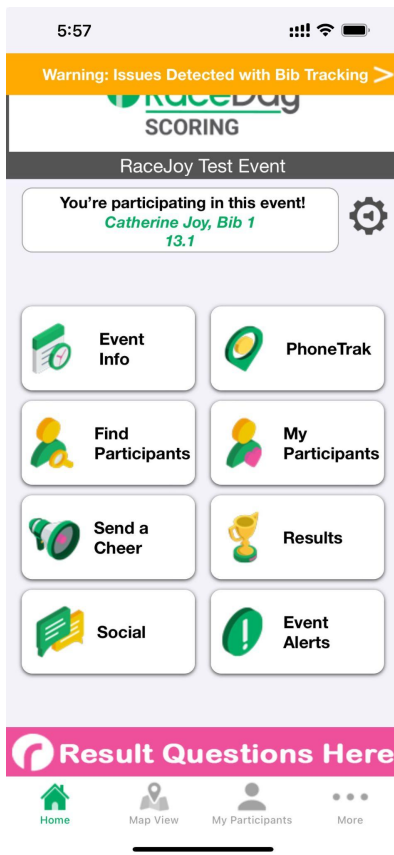
RaceJoy User Experience

- Two Types of Tracking
- Indicators on all screens if participant opted-in for GPS PhoneTrak
 - Find Participants
 - My Participants
- Indicator if GPS is Online for participant's phone and they opted-in for GPS tracking



RaceJoy User Experience - Advisory Banners

- **RED** → Bib Tracking Off for this Event
 - Timer did not Start RaceJoy Interface and scored reads are occurring in RDS
 - Or..GPS Data indicates participants have passed GPS point after first split and no PASSINGS streamed to RaceJoy
- **YELLOW** :: Issues Detected for Bib Tracking
 - GPS Data indicates participants have passed the first GPS point after a given RFID Timing Point



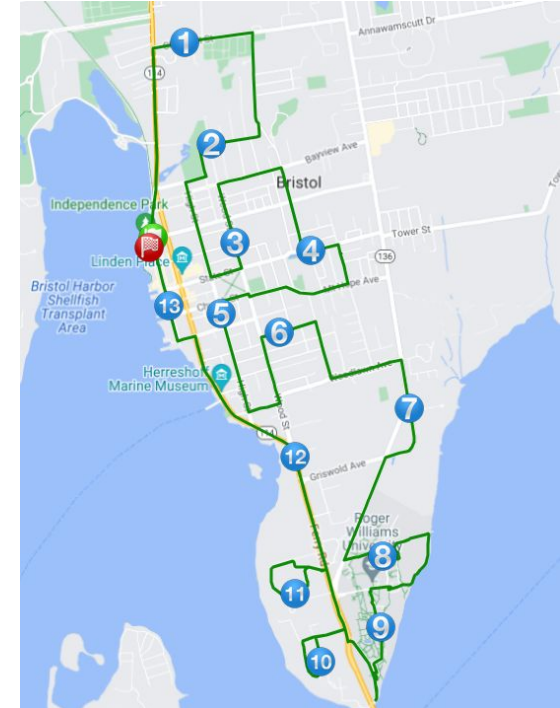
Version 1 Considerations

- We will not show participants on the map that have NOT opted-in for GPS PhoneTrak
 - Later version we will show timing only participants on the map with estimated position based on algorithm utilizing:
 - Average pace based on timing passing data after first split milestone
 - Participant's estimated pace captured from custom question or if they came into RaceJoy prior to event and provided estimated pace



Google Maps Embedded Native Maps Technology and Partner

- Offline Routes for Users
- Even retains Google Imagery if map area loaded prior to losing cell coverage
- Much Higher Performance for both Spectators and Participants
 - Especially for Large Event Venues where cell service can become congested



Participant Tracking Discovery Lab

After lunch we will have lab time where timers can setup, configure and ask questions on the interfaces



Announcer Geo Audio Experiences

Working with top announcer personalities in the industry to create custom audio that can be used for both embedded geo-cheer messages for timers or by users in RaceJoy



Steve Fleck



Fitz Koehler



Tim Bomba



POP QUIZ





CheckIn & RaceDay Kiosks

Avery

Product Updates & New Plans



CheckIn and RaceDay Kiosks

We have a variety of different software available to our users to accomplish two main functions.

1. **Participant Data Management**
2. **Results Display**

We have many different options available which can generally be sorted into those that **use the internet to sync data**, and those that **use a local network to sync data**.

When using the internet to sync data, the **central database is the RunSignup Cloud**, and **method of syncing data is by using RunSignup's Open API**.

When using a local network to sync data, the **central database is RaceDay Scoring**, and the **method of syncing data is by using the RaceDay Hub API**.



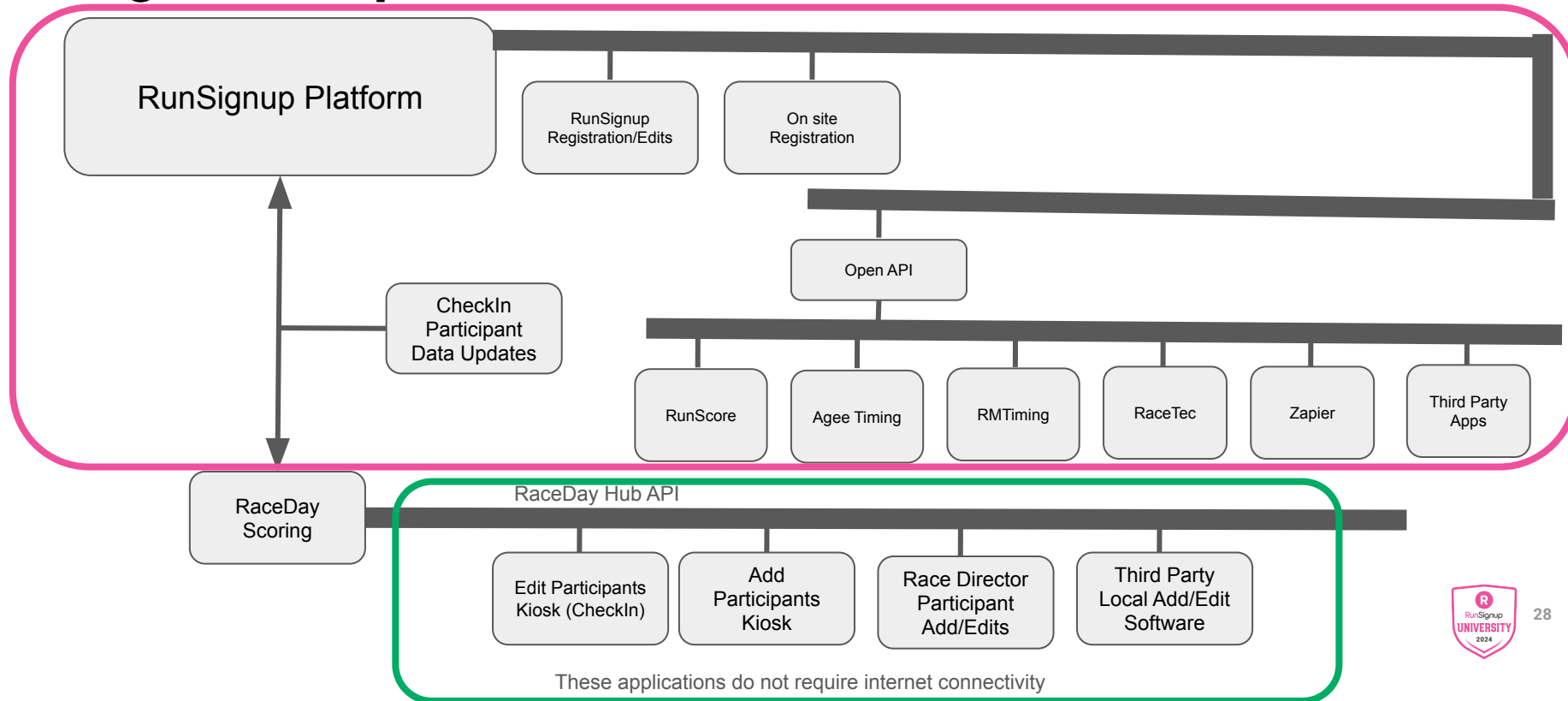
Cloud/Local Sync Pros and Cons

Given that there are cloud and local options for most functions, how should you decide which one to use?

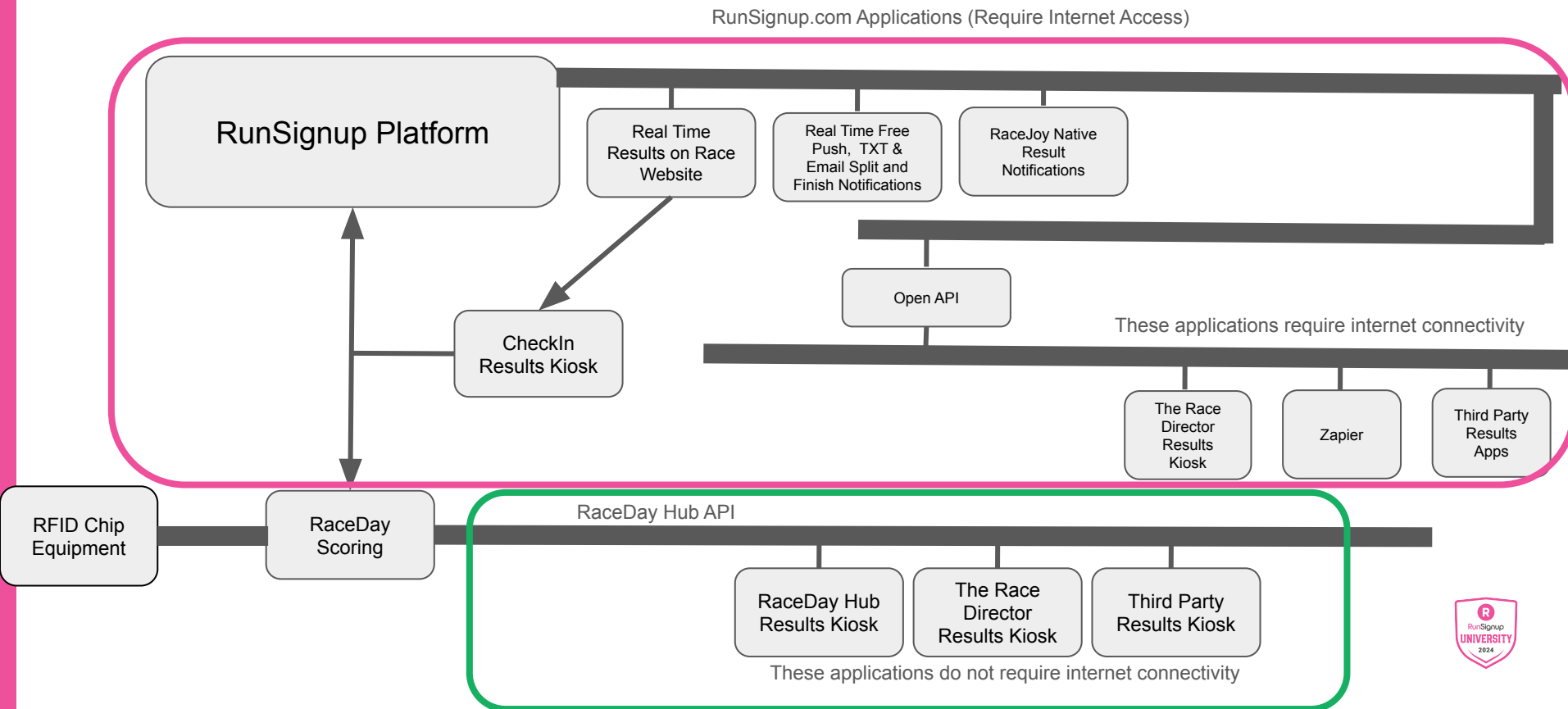
RSU Cloud (Requires Internet)		RaceDay Hub (Does not require Internet)	
Pros	Cons	Pros	Cons
<ul style="list-style-type: none"> - Extremely easy to set up. - Simple to deploy additional devices. - Many applications can be used in any browser or with a mobile app. 	<ul style="list-style-type: none"> - Requires Internet connection. - Data is not available as quickly as it can be using a local sync option. - Data display is limited to whatever each of these applications support. For example, RSU leaderboard reports are not able to display anything other than basic info. 	<ul style="list-style-type: none"> - No reliance of internet connection. - Data is typically able to be displayed faster, as there is no need for the data to be uploaded to RunSignup, then pulled back down again. - Result kiosks are linked to the RaceDay Scoring Report definitions, so the columns and sorts are completely configurable. 	<ul style="list-style-type: none"> - Requires local network setup, which involves background knowledge, equipment and good troubleshooting skills. - More difficult to configure. - Requires a computer that can have RaceDay Scoring installed on it (Windows only, no mobile apps at this time).

Participant Data Management Options

RunSignup.com Applications (Require Internet Access)



Result Display Options



RaceDay CheckIn

Updates & Product Roadmap

Much of our development this year has been focused on upgrading the RaceDay CheckIn App to be more useful for Data Management *and* Result Kiosk functionalities.

RaceDay CheckIn can be used not only to mark participants as checked in and assign bibs, but also as a way to **manage your Participant data in a multitude of ways**.

Over the past few years we have **added a lot of customization options** so that you can come up with creative new ways of using the product to suit your unique needs.

RaceDay CheckIn can also be used as a way to **display result data**, thanks to the new Result Kiosk functionality.

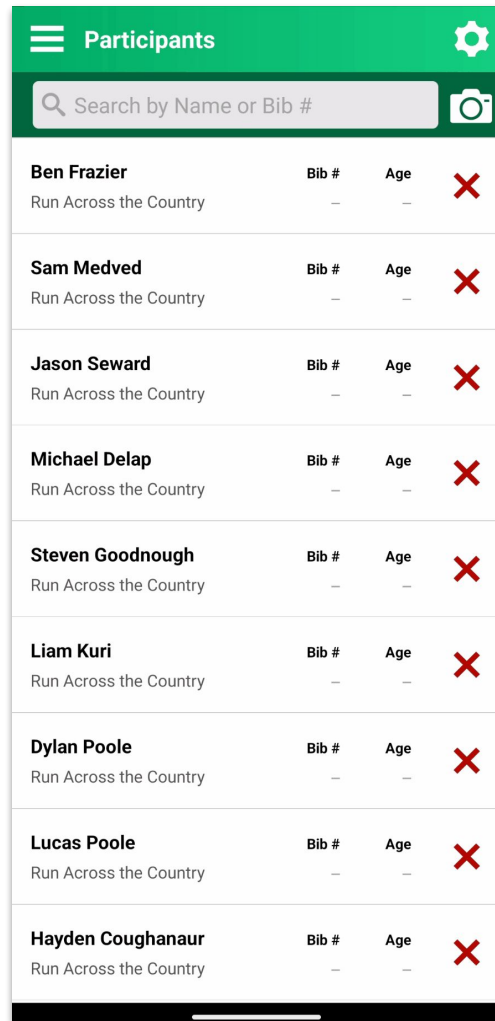


RaceDay CheckIn

Change Configuration Shortcut

We've added a **shortcut to the Change Configuration function**, so that it's now much easier to quickly change configurations on the fly.

Hamburger Menu > Change Configuration



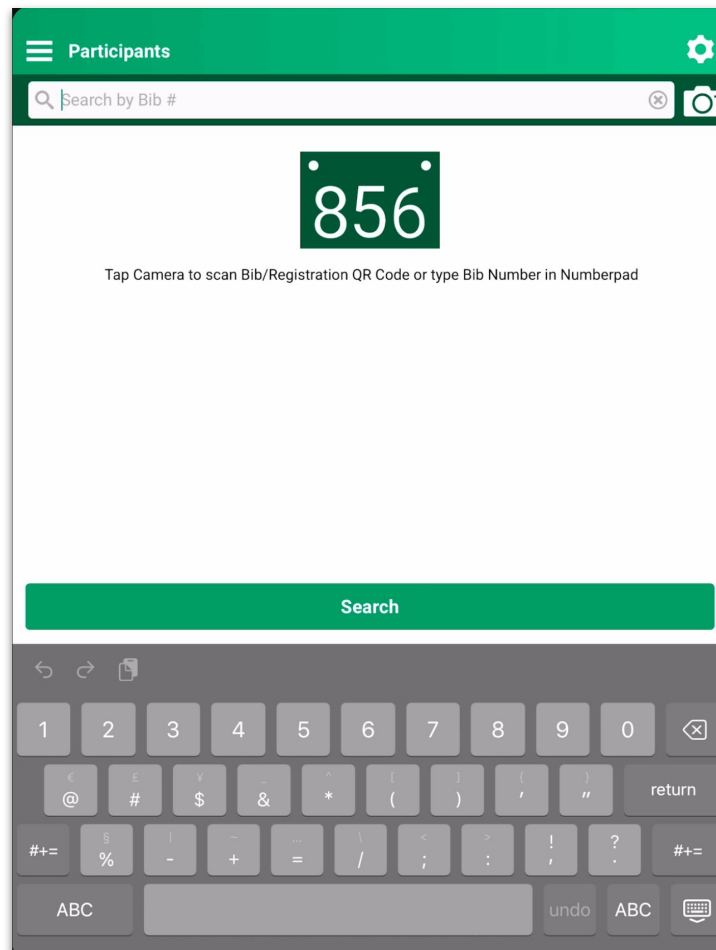
The screenshot shows the 'Participants' screen of the RaceDay CheckIn app. At the top is a green header with a hamburger menu icon, the title 'Participants', and a settings gear icon. Below the header is a search bar with the placeholder text 'Search by Name or Bib #' and a camera icon. The main content is a list of participants, each with a name, race name, bib number, age, and a red 'X' icon.

Name	Race	Bib #	Age	Action
Ben Frazier	Run Across the Country	—	—	✗
Sam Medved	Run Across the Country	—	—	✗
Jason Seward	Run Across the Country	—	—	✗
Michael Delap	Run Across the Country	—	—	✗
Steven Goodnough	Run Across the Country	—	—	✗
Liam Kuri	Run Across the Country	—	—	✗
Dylan Poole	Run Across the Country	—	—	✗
Lucas Poole	Run Across the Country	—	—	✗
Hayden Coughanaur	Run Across the Country	—	—	✗

RaceDay CheckIn

Result Kiosk Mode

- We have added a default Configuration to the RaceDay CheckIn App called “Result Kiosk” that will allow you to quickly and **easily switch the devices** that you were using for checkin over to be used as result kiosk devices.
- This new functionality allows users to **type** in their bib, or **scan** a barcode/QR code to bring up their results.
- You can change the Lookup Method in your Device Settings to **automatically show the camera** on the Lookup List, so users don’t need to type anything if you plan on having QR codes on all bibs.



RaceDay CheckIn Medical Mode

RaceDay CheckIn has a Medical Mode Configuration that can be used as a way to check participants in and out of a medical tent.

This data is stored at RunSignup and can be downloaded for future reference if needed.

Additional data can be shown on this screen if needed, for example your registration provider may have included questions about medical info.

Hamburger Menu > Change Configuration > Medical Kiosk

Video guide: [\(1\) RaceDay CheckIn App Now for Results Kiosk, Medic Tent and More - YouTube](#)

Participants			
Search by Name or Bib #			
David Marroquin	Bib #	Age	✓
10	2798	10	
Michele Fellers	Bib #	Age	✓
10	2799	46	
David Marroquin	Bib #	Age	✗
2	3523	10	
Addison Theriault	Bib #	Age	✗
2	3001	11	
Emory Sharp	Bib #	Age	✗
2	3002	11	
Zane Jamieson	Bib #	Age	✗
2	3003	10	
Alexis Clemens	Bib #	Age	✗
2	3004	1	
Amy Clemens	Bib #	Age	✗
2	3005	32	
Anneliese Jones	Bib #	Age	✗
2	3006	12	

RaceDay CheckIn

“CheckIn All” Function

- This function allows you to check in all related registrations for a participant that have not checked in yet. The app guides you through all the necessary check-in steps for each related registration.
- This will make it much easier to manage situations where you may have many related registrations to process at once, like a large Team where you are prepping a bag of shirts and bibs or a family that all registered together.

Review

Check In All

Same Team
group 1-5K

- ✗ Test Name >
- ✗ Lily Potter >
- ✓ Kiosk Mode (AT) >
- ✓ Bulk Checkin >

Same Corporate Team
Corporate Team-1-10K

- ✗ John Doe (AT) >
- ✓ Maecie Roghan >
- ✓ Kyla Schmitt >
- ✓ Robyn Ryane >
- ✓ XXXXX AT >
- ✓ Nathanael Costa >
- ✓ Kiosk Mode (AT) >
- ✓ Bulk Checkin >

Go Back **Save & Continue**

RaceDay CheckIn

Result Kiosk QR Code Support

- The app now recognizes any URL that ends in “#123” where 123 is the bib number of a participant and is treats it as if it were just the bib number.
- This means that you can print one QR code onto your bibs that is **dual purpose** - it can be scanned during packet pickup to **assign the bib** number for Dynamic Bib Assignment, as well as after the race by participants to **find their results**.
- The best URL to use would be the “Result Kiosk” URL found under RaceDay Tools > Setup Result Kiosks and Links.
- <https://runsignup.com/Kiosk/158965/Results#3001>

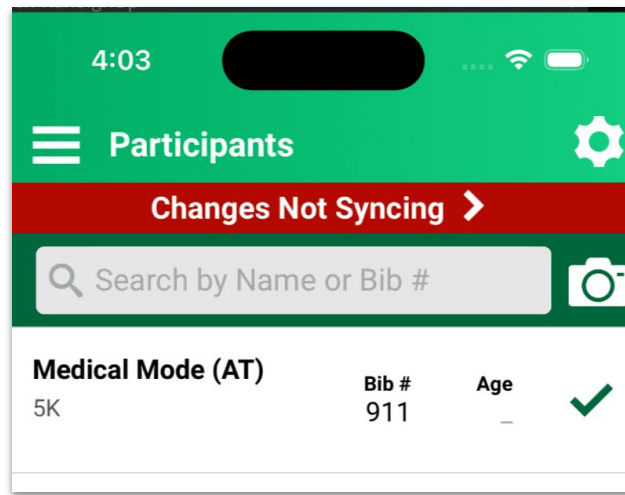
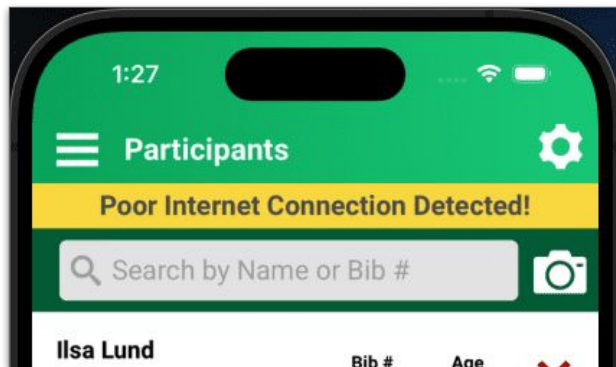
One QR Code to scan to look up someone in the CheckIn App, and view results if scanned by a phone.



RaceDay CheckIn

Offline Sync Data Integrity Improvements

- Added **Poor Network Quality Advisory Banner**
 - This notification will be displayed under various circumstances, such as when a device is connected to a Wi-Fi router with a weak or no internet connection, or when the user is working under a poor cell service. With this new feature, users will be promptly informed about their network issues and can take necessary troubleshooting steps to resolve them.
- Added **Changes not Syncing Advisory Banner**
 - This will show when you have pending sync items that are not able to sync, and by tapping it, you will be able to enter into the Sync Queue, where you can view, export, or clear pending sync items.



RaceDay CheckIn

Offline Sync Data Integrity Improvements

Added setting to **Prevent CheckIns after X Queued Edits**

- This will lock down a device so that it is unable to make changes to any data if it has more than X items pending to sync with RunSignup.
- This can be used to prevent issues where a device is not syncing for some reason but the user of the device continues to make changes, unaware that the changes are not being synced to RunSignup.

Cancel

Save

Configuration Name

Test

Event Presets

▶

Hidden Events

▶

☐ General Options

▼

☐ Clear Search

☐ Timeout on Search

☐ Hide Checked In Participants

☒ Auto-Show Camera on Bib Assignment

☐ Auto-Show Camera in Kiosk Mode

☐ Auto-Print After Review

☐ Prevent Duplicate Bibs Across Events

☒ Prevent Checkins After X Queued Edits

Max Queued Edits
(Minimum 3)

10

Left Data Display



RaceDay CheckIn

Offline Sync Data Integrity Improvements

Added setting to **Prevent CheckIns after X Queued Edits**

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(Minimum 3)

10

Left Data Display





POP QUIZ



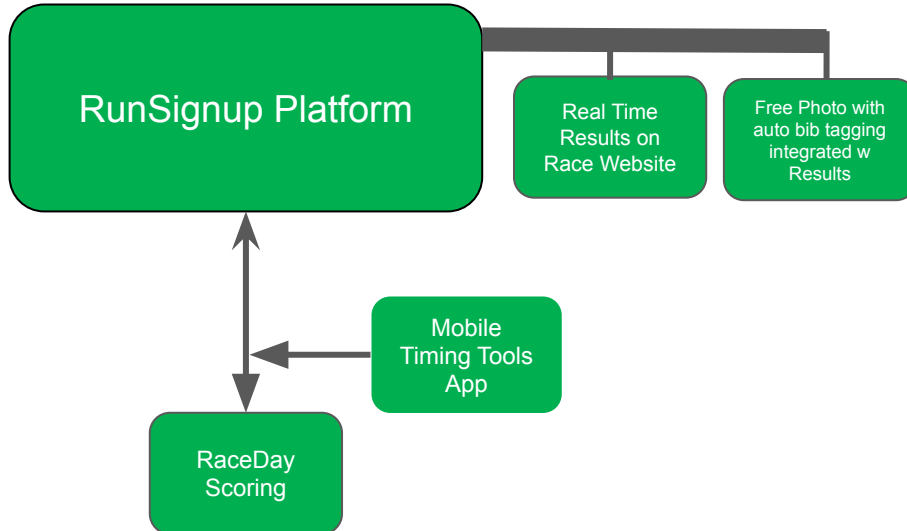


Mobile Timing Tools

Timer Tools App for Apple and Android Devices

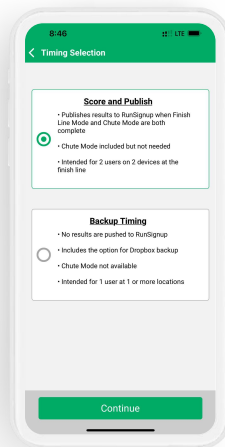
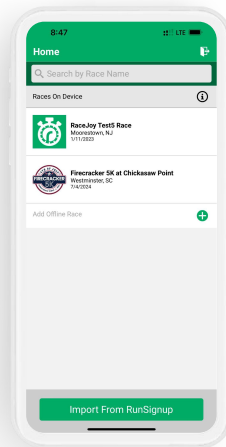
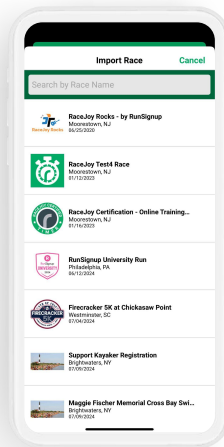
Integrated Platform **Timer Tool**

- Location Passings streamed through Dropbox to RaceDay Scoring
 - Remote Split Points
 - Finish Line Backup
- Small Race Manual Timing with Automated Division Result Sets

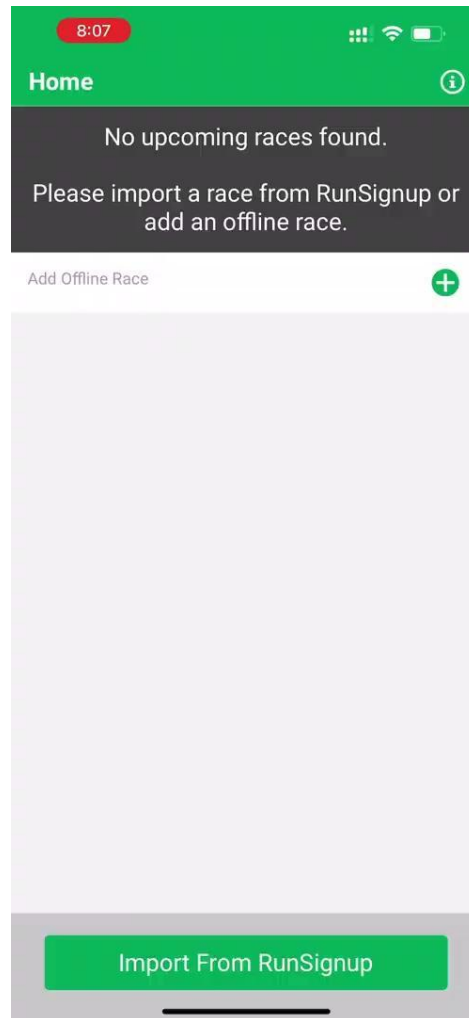


Complete Rewrite

- Complete Redesign to simplify the experience of recording data for a given race / event.
- Clearer User Experience and Navigation for the two modes, Scoring or Backup Timing Tools
- All backed with a Real SQLite Database



Backup Recorder Mode



Streaming into RaceDay Scoring

- Mobile Timing -> Dropbox for Passing Read Data directly into Scoring!
- Perfect for Remote timing locations in low density events to capture reads just using a phone or tablet.

The screenshot shows the RaceDay Scoring application interface. At the top, there's a navigation bar with a 'Select a Race' dropdown and a status bar with indicators for RaceJoy, Reads, Auto-Saves, RaceDay Hub, Data Issues, and Notifications. The main content area is divided into two sections: 'Assigned Streams' and 'Unassigned Streams'. The 'Assigned Streams' section lists three streams: CT_START, CT_FINISH, and CT_SPLIT, each with a 'ChronoTrack File' label and buttons for 'REPLAY', 'EDIT', and 'VIEW READS'. The 'Unassigned Streams' section has a search bar and lists three streams: 10k File, 10K File, and 13.1M File, each with a 'MyLaps ReadLite File' label and buttons for 'EDIT' and 'VIEW READS'. A sidebar on the left contains various icons for navigation. The bottom right corner features the RunSignup University 2024 logo.

Single or Dual Device Score & Publish

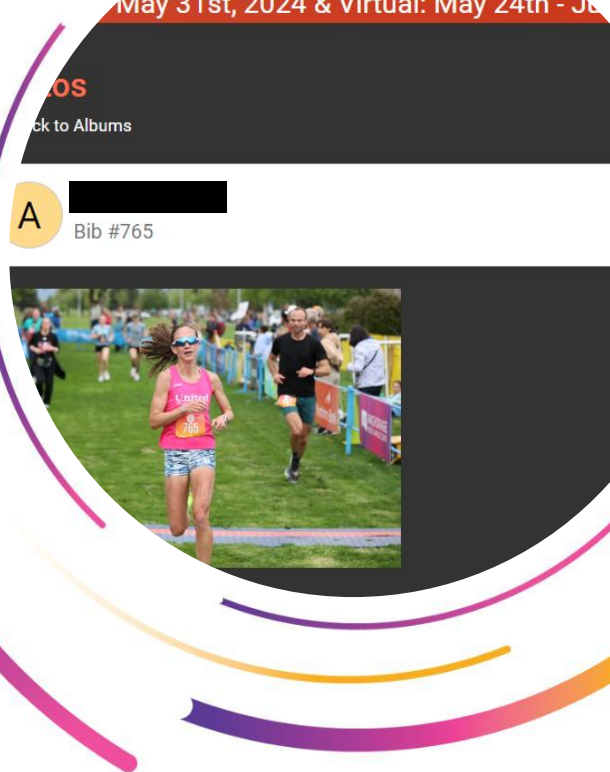
- Manual Scoring for small events
- Revenue opportunity for timers offering training and volunteer to perform scoring without equipment



Race Day Mobile Timing Tools App

Current planning order.. but weigh in please!!

1. Automated Photo Platform API Integration
 - Snap, Snap, Snap!
 - Photos automatically get tagged and put into selected album at RSU and show integrated with results.
 - Snap Photo when user selects or enters BIB# in finish line backup timer mode & tag the photo based on user input
2. Announcer Feeds over local networking
 - Tablets or phones can be used by announcer to easily move around and provide for better announcer experiences at events



Race Day Mobile Timing Tools App

Currently planning.. but weigh in please!!

3. Video Streaming to YouTube

- Direct TOD links from Results
- Live Finish Live Streaming for Displays
- Finish line backup for timers

https://runsignup.com/Race/Results/68197#resultSetId=461365:perPage:50

Place	Bib	Name	Gender	Gender Place	Age Place	Age Group	City	State	Gov Hill Time	Gov Hill Pace	Gov Hill Place	Clock Time	Chip Time	Pace
40	224	Ian Aist	M	36	7	M2029	Anchorage	AK	19:27	6:42	50	50:58 Video	50:57	6:50
41	509	Mike Fuller	M	37	18	M3039	Anchorage	AK	20:45	7:09	95	51:23 Video	50:59	6:51
42	298	Yaakov Mitchell	M	38	8	M2029	Anchorage	AK	20:07	6:56	68	51:17 Video	51:11	6:52
43	643	Elliot Jennings	M	39	3	M1315	Chugiak	AK	19:14	6:38	45	51:54 Video	51:13	6:53
44	437	Iain Cook	M	40	9	M2029	Anchorage	AK	19:19	6:40	47	51:16 Video	51:13	6:53
45	756	Brian Andrews	M	41	19	M3039	Anchorage	AK	19:52	6:51	59	51:31 Video	51:14	6:53
46	178	Dylan Frawner	M	42	4	M1315	Anchorage	AK	18:41	6:27	33	51:18 Video	51:17	6:53
47	59	Tim Davis	M	43	8	M4049	ANCHORAGE	AK	19:15	6:38	46	51:39 Video	51:33	6:55
48	675	Unknown Runner 11 Contact Timing 11							19:52	6:51	61	51:43 Video	51:39	6:56
49	93	Brody Jorgensen	M	44	1	M1619	Palmer	AK	19:26	6:42	49	51:54 Video	51:43	6:57
50	655	Matt Setian	M	45	1	M5059	Anchorage	AK	19:49	6:50	58	52:05 Video	52:02	6:59

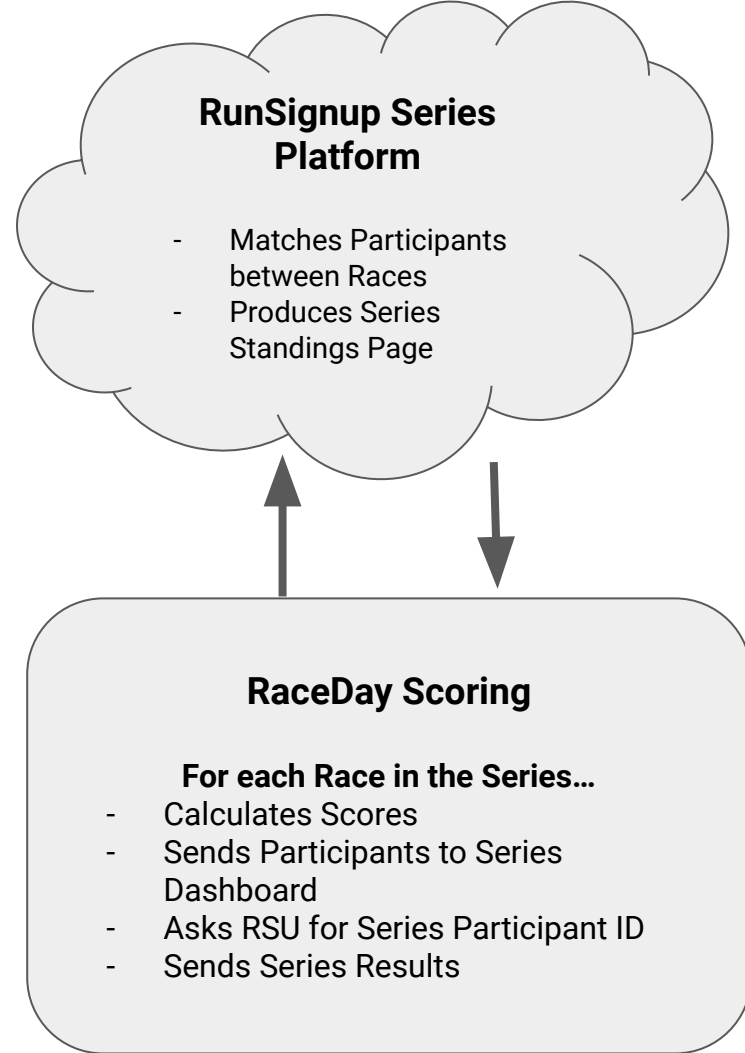
< Previous Page 1 of 19 50 per page Next >

Series Scoring

This has been a major focus of our development team for the past few months. It is a major project, involving major work on the RunSignup platform and within RaceDay Scoring.

We're in the process of updating the backend of the RunSignup Series Scoring platform, which is a large endeavour, but is important as it is very old code that needed to be updated if we were planning on people relying on it for real-time series scoring purposes through the RaceDay Scoring integration.

We are close to being done with the updates and performance improvements required, and are starting soon on writing the APIs so that RaceDay Scoring will be able to sync participant data to the Series Dashboard and push custom series scoring point values, then let the platform calculate the standings.





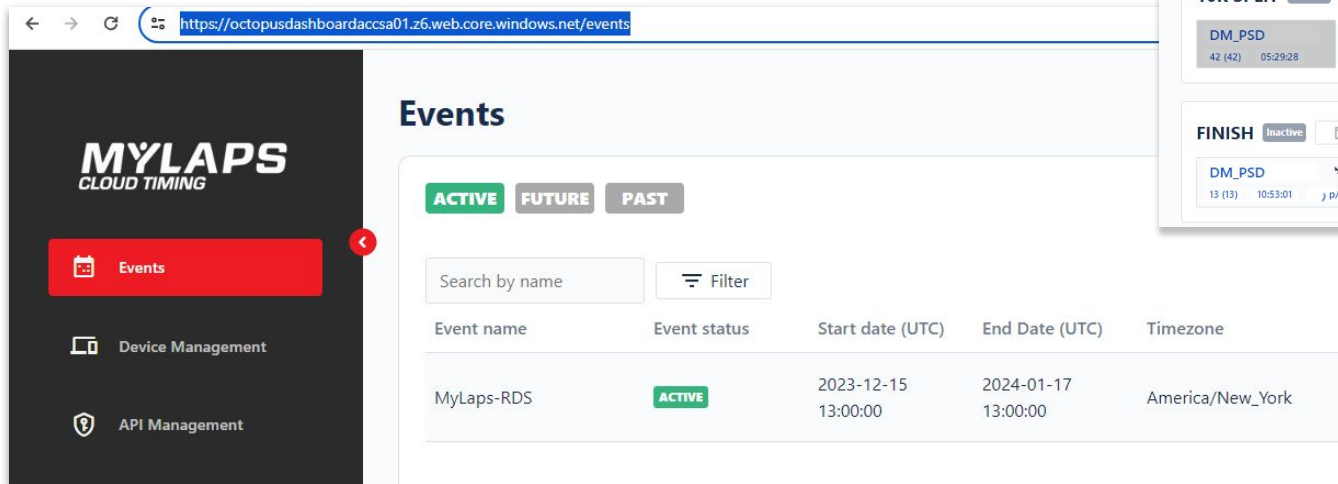
Platform Vendor Partner Integrations



MYLAPS

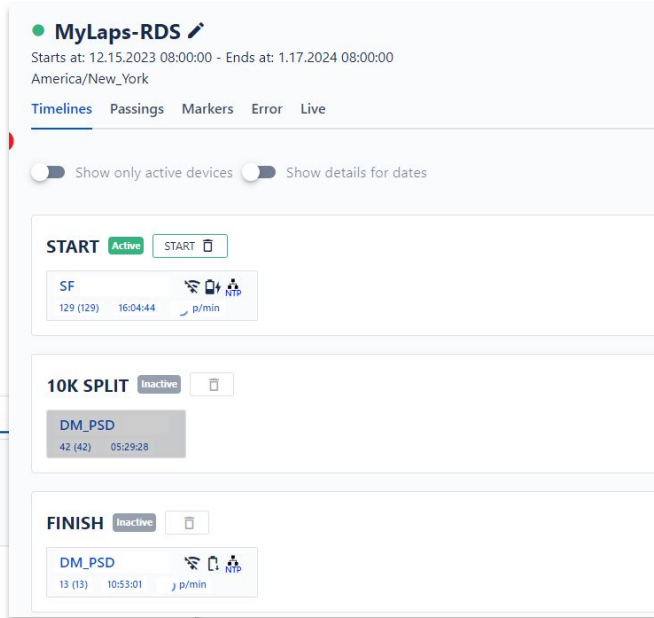
MYLAPS CLOUD TIMING 2024!

- Remote & Centralized Timing takes a major step forward in evolution for MyLaps Timers
- Our Key partnership with MyLaps to provide scoring software for their timers!
- MYLAPS understands that timers need to have scoring software that is independent and flexible for all you do!



The screenshot shows the MyLaps Cloud Timing dashboard. On the left is a dark sidebar with the MyLaps logo and navigation links: Events (highlighted in red), Device Management, and API Management. The main content area is titled 'Events' and features tabs for ACTIVE, FUTURE, and PAST. Below the tabs is a search bar and a filter icon. A table lists the events, with one event, 'MyLaps-RDS', shown as ACTIVE.

Event name	Event status	Start date (UTC)	End Date (UTC)	Timezone
MyLaps-RDS	ACTIVE	2023-12-15 13:00:00	2024-01-17 13:00:00	America/New_York



The screenshot shows the details for the 'MyLaps-RDS' event. It includes the start and end times (12.15.2023 08:00:00 to 1.17.2024 08:00:00) and the timezone (America/New_York). Below this are tabs for Timelines, Passings, Markers, Error, and Live. There are two toggle switches: 'Show only active devices' and 'Show details for dates'. The event is currently 'START' and 'Active'. It shows a split time of 129 (129) and 16:04:44, with a pace of p/min. Below this is a '10K SPLIT' section, which is 'Inactive', showing a time of 42 (42) and 05:29:28. At the bottom is a 'FINISH' section, also 'Inactive', showing a time of 13 (13) and 10:53:01, with a pace of p/min.

New Stream Type in RDS

- Simple Setup using API KEY from your organization's Timing Portal
 - Select MyLaps Event
 - Select Timeline for the Stream
- Normal Map Stream to RDS Timing Locations
- BibTag Firmware is scheduled for release this month

The screenshot displays the RaceDay Scoring application interface. The top navigation bar includes a 'Select a Race' dropdown, status indicators for Reads, Auto-Saves, RaceDay Hub, Data Issues, and Notifications (11), and a 'GET HELP' button. The main header shows 'MYLAPS-CLOUD SCORING TEST' with a user profile 'james@runsignup.com' and a 'LOG OUT' button. A sidebar on the left contains various icons for navigation. The main content area features a 'Streams' section with an 'ADD STREAM' button and a 'What are Streams?' help link. Below this, the 'Assigned Streams' section lists a 'CLOUD_START' stream for 'MyLaps Cloud Timing-BETA' with its address and port. The 'Unassigned Streams' section includes a search bar and a list of streams such as '4 Mile', '5M Point - 5M', 'Announcer', 'ANNOUNCER', and 'BACKUPMATS', each with its respective address and port, and options to 'EDIT' or 'VIEW READS'.

Streaming Controls

- Two types of streaming controls for MyLaps Cloud Timing
 - Live Passings & Gunshot Markers
 - Historic Passings & Gunshot Markers
- Live Passings (Active and Future)
 - Nothing to do but start RDS connector
- Historical playback
 - Always on START of Connector to Timeline Streams
 - Available by user action at anytime on Stream

Assigned Streams

● CLOUD_START	MyLaps Cloud Timing	Address: onlinepassing-apima	Rewind stream for historic passings and markers.	REPLAY	E
● CLOUD_FINISH	MyLaps Cloud Timing	Address: onlinepassing-apimanagement-eu-acc-ams01.azure-api.net	Port: 443	REPLAY	E

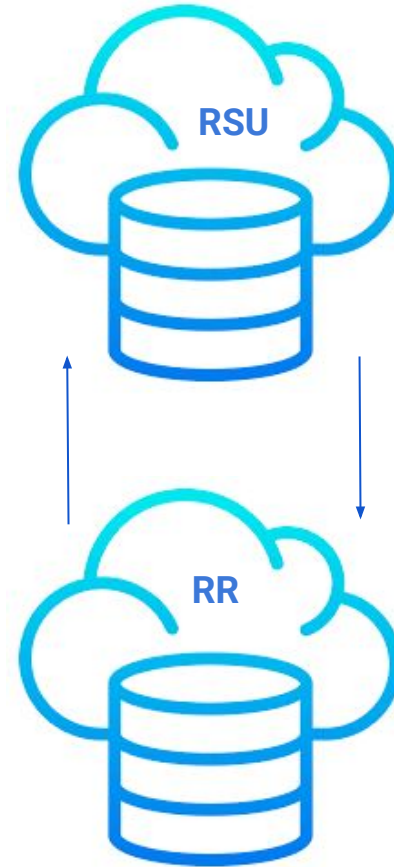


POWERED BY
RACE  **RESULT**



Bi-Directional Sync for Registration Data

*This is a registration data
integration and not result publishing
to RACE RESULT.*



RACE RESULT Event <-> RunSignup Race

RACE RESULT

- Detailed Training Is Available and Required for RACE RESULT timers to utilize integration
- **Current Short Comings..**
 - RACE RESULT Unique Bib requirement really makes it difficult to manage integration use cases
 - RACE RESULT screen does not refresh automatically on New ADD... so timers can wipe out the RSU Participant Field on multiple save use case when on Add Form
 - Plans to create internal custom question on RSU to Track the RR ID (not BIB)... but since these IDs can be wiped easily at RR and are not unique IDs themselves... it all becomes really problematic integration...
 - Give ability for timers to change the Contest ID to RSU Event Mapping from the Dashboard
 - Looking to support better event mapping from RSU to RR (many to one)
- Recommend RACE RESULT timers to continue and look at RaceDay Scoring when working with your RunSignup races

175+
Events Since
Feb 2024



Display Board Integrations

The Future is Now!

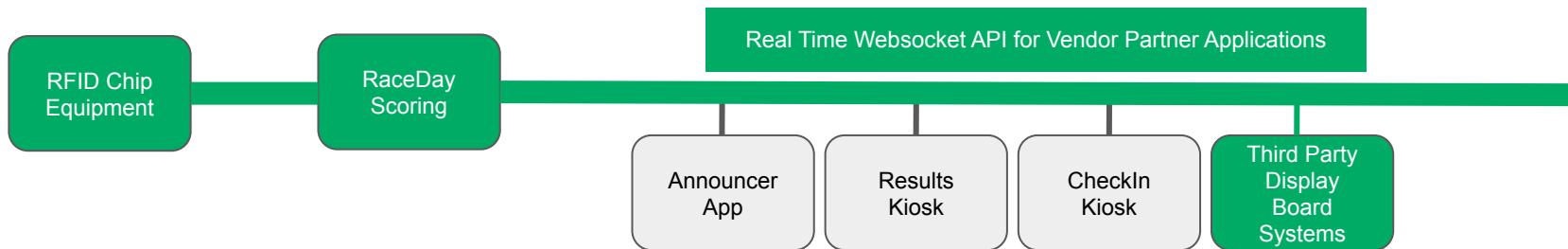
Realtime Streaming to Displays

- Bringing the Big Race experience to smaller events
- Making it easier for timers



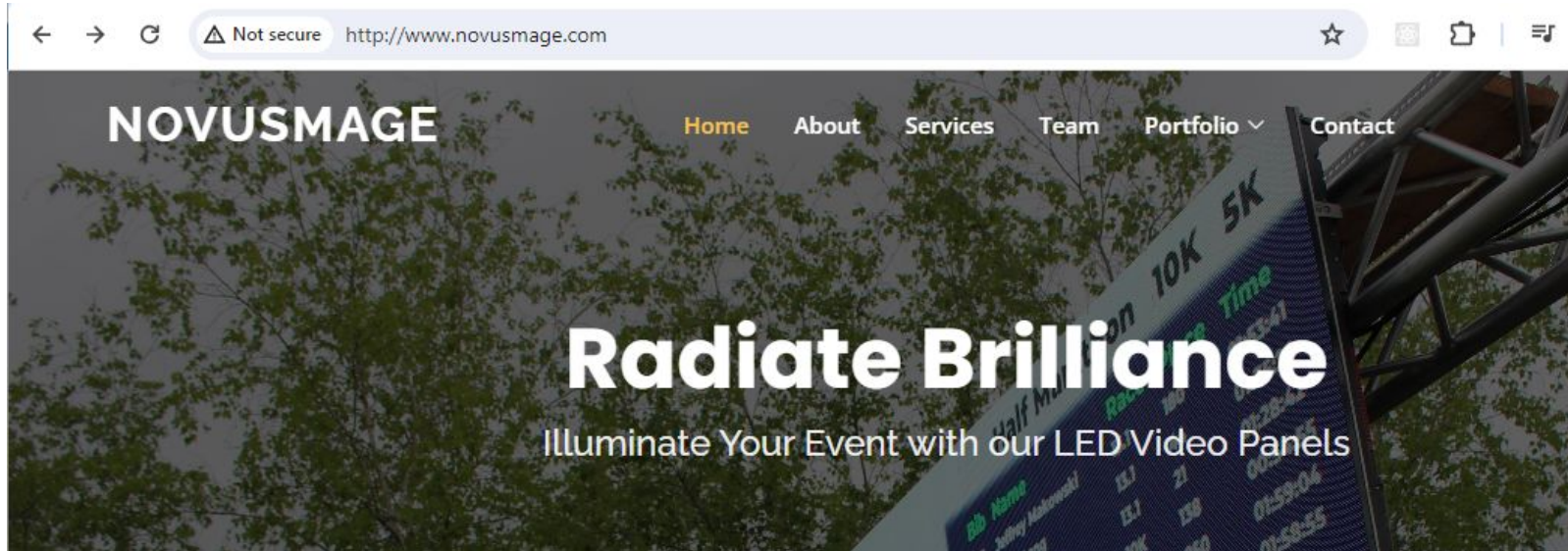
RaceDay Scoring Streaming to Display Boards

- Timers do NOT have to score the race in RDS to offer this service
- RDS is the streaming source platform from your equipment to Display Boards
- Leverages our Announcer Data Streaming
- Open Websocket API Interface



Looking for **Vendor Partners**

- Development integration underway with NOVUSMAGE
- Seeking other software vendor integrations for display board streaming





Questions?



Photo: Steelman Racing



Presenters: Avery, James.

Need to open with the stuff from the Realtime Blog..

Avery Checkin, Mobile Timing, Need to say Scoring has two sessions today

James RaceJoy/Participant Tracking, MyLaps, RACE RESULT



Previous Presentations

Last Symposium RaceDay Experience for Participants. Note: some screens may have changed:

<https://docs.google.com/presentation/d/1cKyJJzPNCS0hF8Ah2Gq0s89fxXiRsDuVZuiYWulvBjc/edit?usp=sharing>

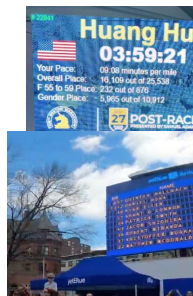
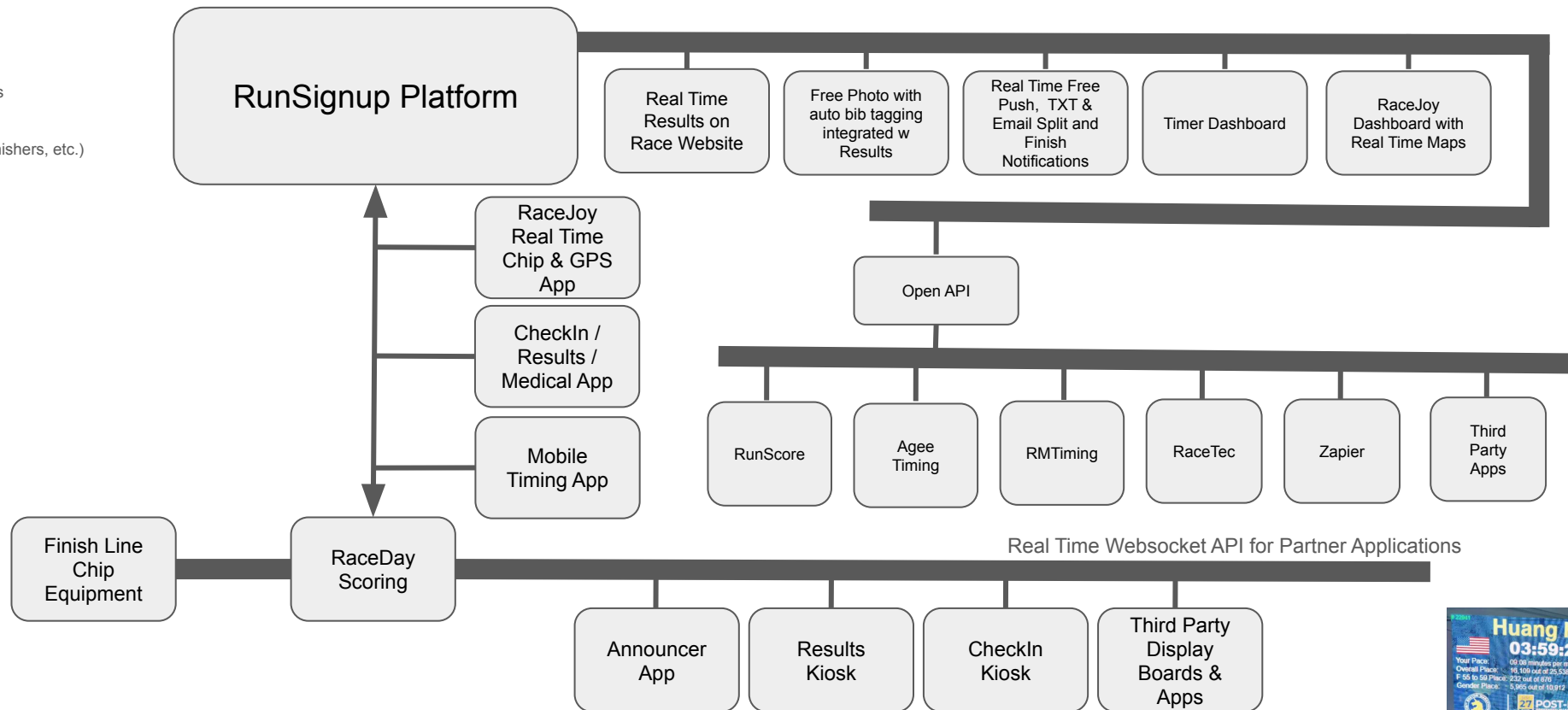
Recent webinar: RaceDay Tech Overview:

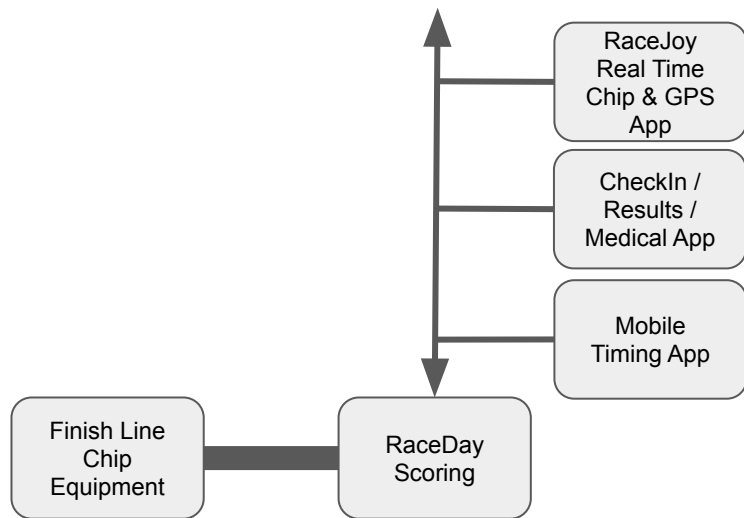
https://docs.google.com/presentation/d/14ZG-R-VTLK4PDLibGj96EcTRyJ3_F7-fRbktl-c1TIA/edit?usp=sharing

Recent Webinar: RaceDay CheckIn:

https://docs.google.com/presentation/d/18_SDBcuXZ2BBY-QCBOfwA_LXWrSKGyS2_uV08i3ZPZk/edit?usp=sharing

RunSignup RaceDay Scoring Free & Open Real Time Platform





Leveraging the Power of the Phone

- ❖ Mobile Timing -> Dropbox for Passing Read Data directly into Scoring!
- ❖ Perfect for Remote timing locations in low density events to capture reads just using a phone or tablet.

