

RaceDay Mobile Timing New Release *Coming Soon!*

Matt Avery • 6/25/2024

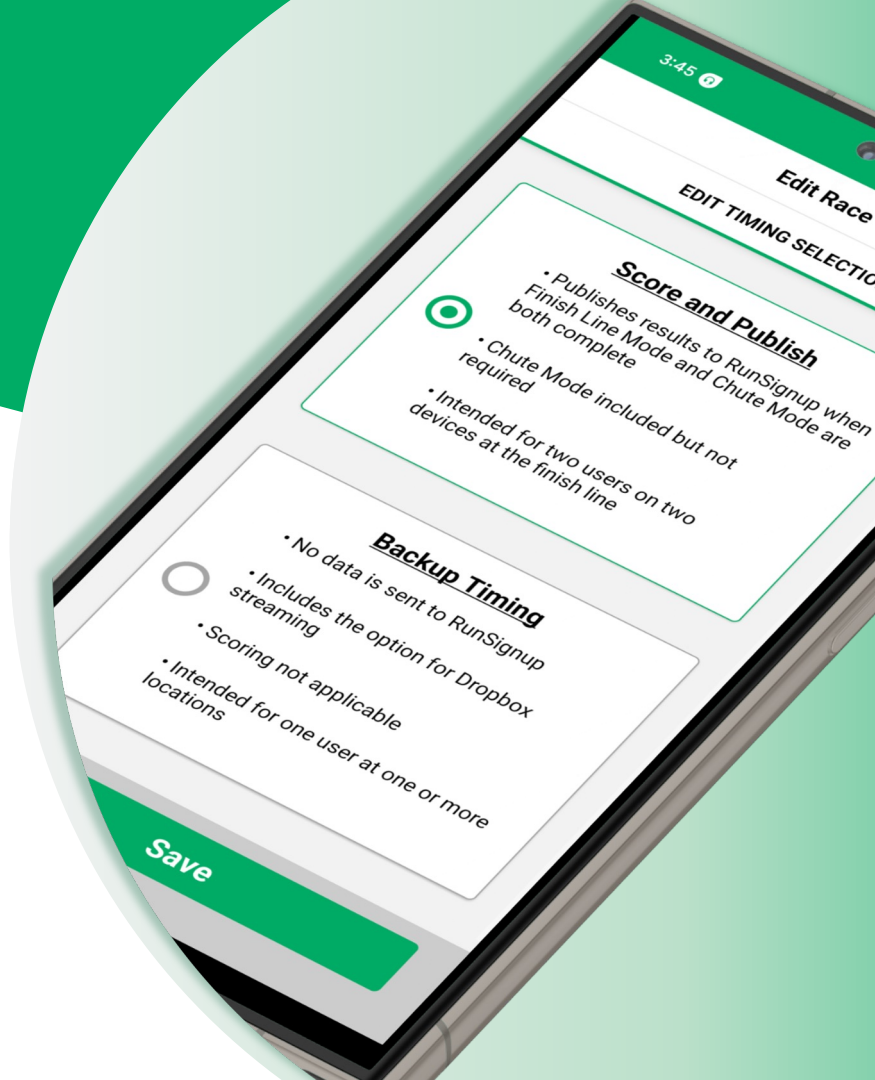




Today's Agenda

With Matt Avery

- What is changing with this update?
- Introduction to the Mobile Timing App.
- Using the Mobile Timing App.
- Upcoming changes and future plans.





What is changing?

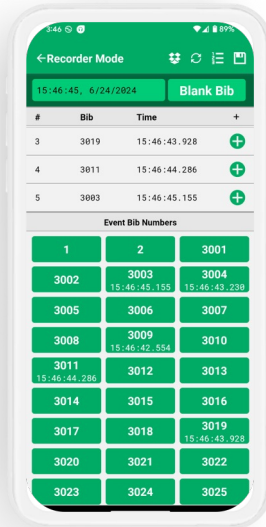
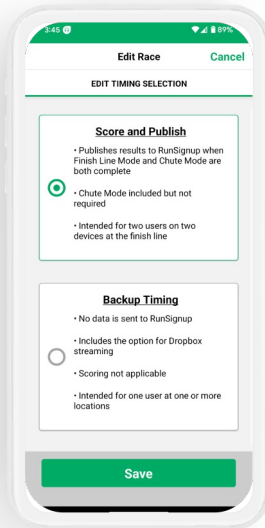
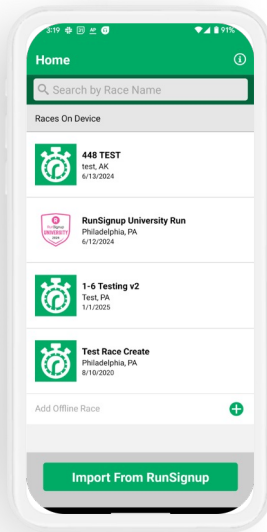
This update is coming soon - it is currently in beta testing phase and we expect it to be released in the next few weeks.

- Implemented a true Database for stability and ease of future development.
- Updated navigation flows and user interface to be easier to understand and more modern.
- User flow has been updated so that it's more clear the order in which you should go through the different modes when scoring a race.



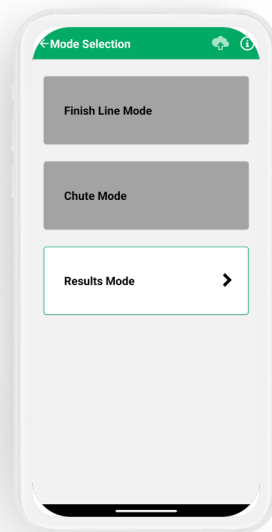
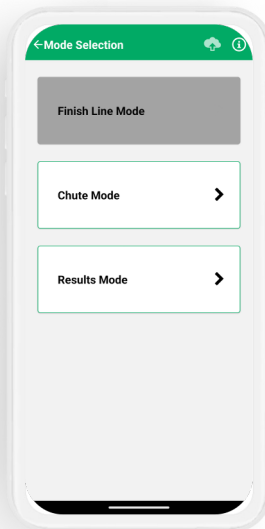
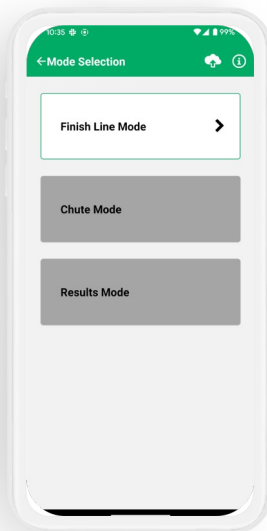
Complete Database and UI Rewrite

- Existing file storage replaced with a true SQLite database.
- Complete Redesign of the UI 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.



Navigation and User Flow Changes

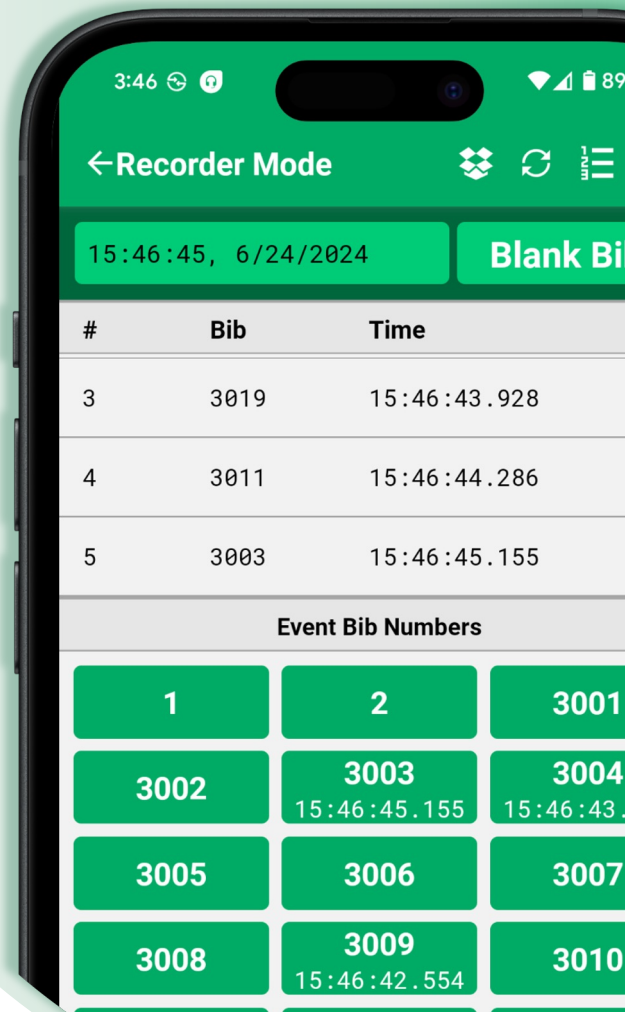
- Users are guided through the screens better in Score & Publish Mode, making it more clear which is the next mode to enter into as they are using the app to time a Race.
- You cannot enter into Chute or Results Mode until you start recording Finish Times.
- You cannot re-enter Finish Line mode once you've saved it, but can now enter into either Chute or Results Mode.
- Once Finish Line and Chute Mode are saved, only Results Mode is accessible.





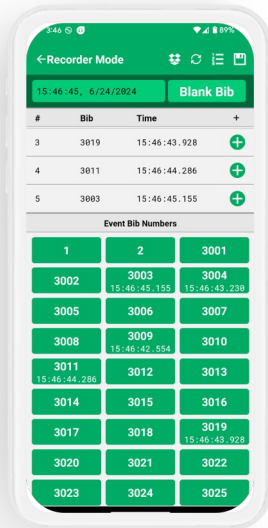
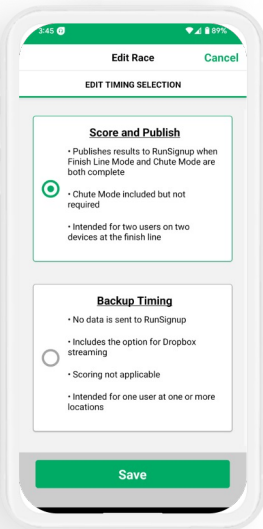
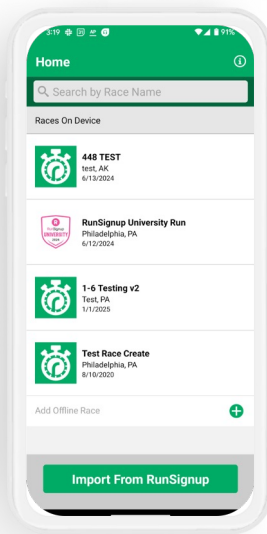
Introduction to Mobile Timing

- What is Mobile Timing?
- Overview of Timing Selections.
 - Score & Publish.
 - Backup Timing.
- Step-by-step instructions for basic usage.



What is RaceDay Mobile Timing?

- A low cost solution for timing **very low volume finish lines** (trail ultras, very small or drawn out events).
 - A 500 person 100 mile ultra would be much easier to hand time than a 100 person one mile race.
- A backup device for any size Race to compliment a Timer's existing chip timing hardware.



RaceDay Mobile Timing Timing Selections

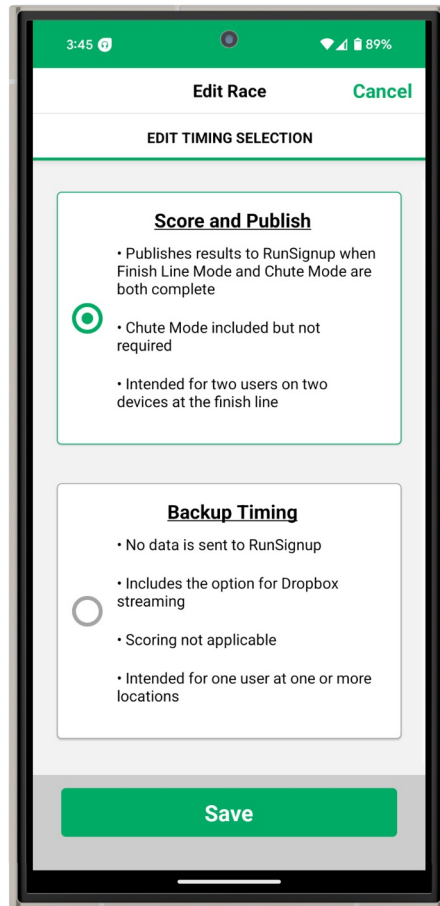
Score and Publish vs. Backup Timing

Score & Publish

- **Publishes final results** to RunSignup.
- Records a Start Time and Finish Times/Places.
- Allows the user(s) to record times and bibs in order of finish and make any edits necessary before pushing the results to RunSignup.

Backup Timing

- **Does not publish results** to RunSignup.
- Records time of day and bib numbers.
- No Start Times are recorded.
- Used in conjunction with Scoring software like RaceDay Scoring to do the work of tabulating results and publishing to RunSignup.



RaceDay Mobile Timing

Score & Publish

Score and Publish vs. Backup Timing

What it does do

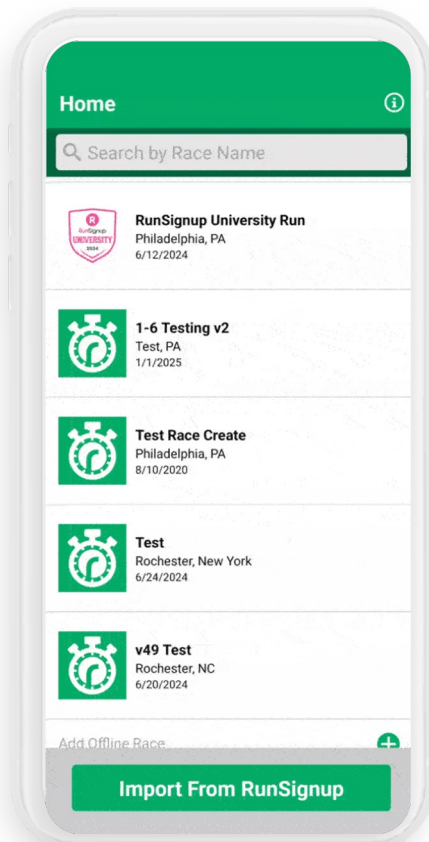
- Scores simple Races.
- Allows two users to work together to time a Race.
 - One just focuses on getting the correct number of finishers with accurate timestamps.
 - The other just focuses on getting the bib numbers in order of finish.
 - Once completed, conflicts are resolved and results are published to RunSignup.

What it does not do

- Does not support more advanced features like:
 - Multiple start times.
 - Splits.
 - Age Group/Top Finisher Setup (relies on Race Divisions to be set up at RunSignup).
 - Team Scoring.

Score & Publish - How To

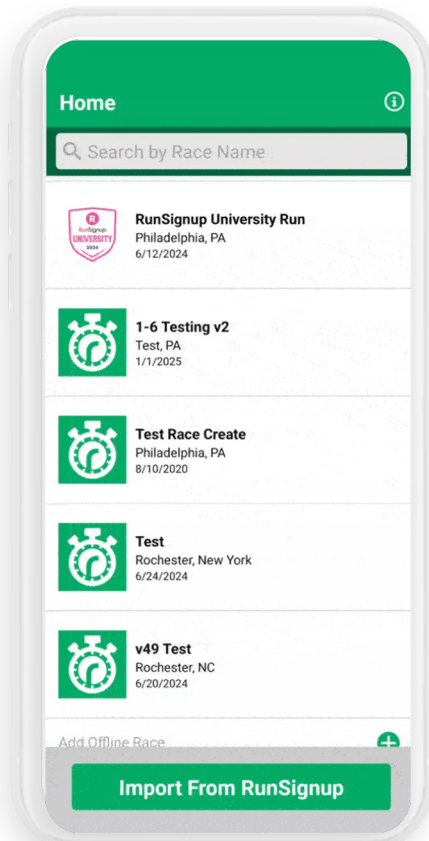
- *Import Race from RunSignup.*
- *Score & Publish*
- *Select Single User or Dual User accordingly*
- *Select the Event you're timing in this Race.*
- *Enter into Finish Line Mode*
- *Note that someone must be collecting the order of finish in the chute somehow. Many will pull the bottom tag off of the bibs and keep them in order of finish.*
- *Select "Start Timer" next to clock when the Race goes off.*
- *When finishers approach, tap "Record" whenever someone crosses the line.*
- *If you are able to see a bib number, you may type it in advance, then tap record when they cross the line.*
- *When done, select save.*



Score & Publish - How To

Continued...

- *After saving Finish Line, go into Chute Mode*
- *Take the information from whoever was keeping track of finish line bib order and enter them in one by one.*
- *You can use the Camera icon to scan bar/QR codes to make this easier.*
- *Once you have entered in all bib numbers in the order that they finished, save this screen then proceed to Results Mode.*
- *In Results Mode you may encounter conflicts that you can resolve manually. This happens if you have recorded bibs in Finish Line mode that conflict with that placement's bib from Chute Mode.*



RaceDay Mobile Timing

Backup Timing

Score and Publish vs. Backup Timing

What it does do

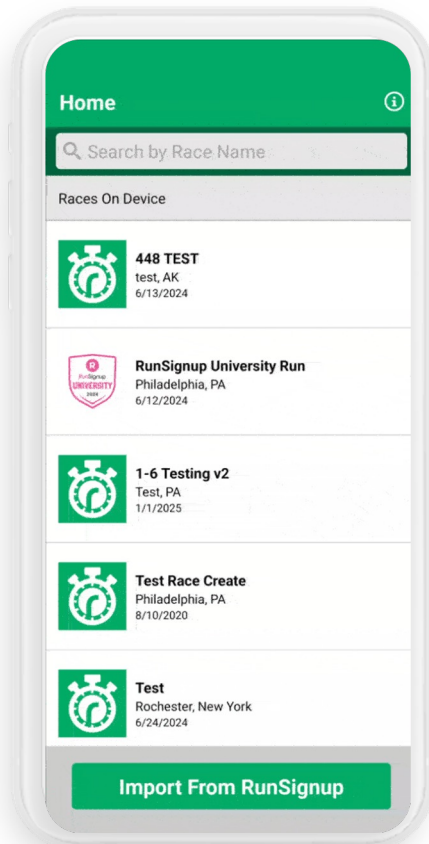
- Easy way to setup and deploy as a backup timer.
- Users can tap bib numbers as they cross the finish, or type them in.
- Dropbox integration to automatically push backup times to a file that can be ingested by scoring software like RaceDay Scoring for realtime timing data processing.

What it does not do

- No scoring is done in the app - it is just recording the time of day of each passing.
- No results can be viewed or exported in this mode.
- No Start Times are created or managed in the app.

Backup Timer - How To

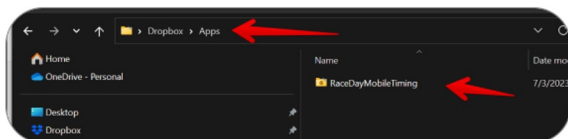
- *Import Race from RunSignup.*
- *Select Backup Timing.*
- *Select what Event bibs you want to make available.*
- *Optionally log into Dropbox.*
- *If logging into Dropbox, create a folder name to place the files within.*
- *Proceed to recording times and/or bib numbers.*
- *Change display between standard entry and Grid entry mode using button in toolbar.*
- *Once completed, use the save icon in the top right corner to complete backup recording.*



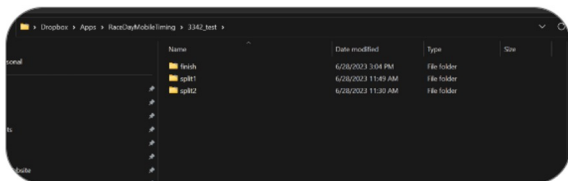
Dropbox Folder Structure

The folder structure created at Dropbox will look like this: **Dropbox\Apps\RaceDayMobileTiming\{race_name}\{location_name}**, where {race_name} and {location_name} are your actual Race and Location names, respectively.

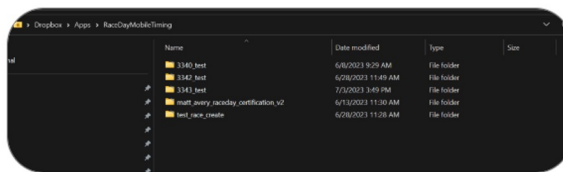
A RaceDayMobileTiming folder within an “Apps” folder will be created on your account if it does not already exist from some other integration.



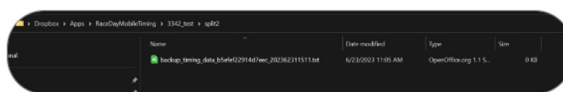
Within each Race folder, will be folders for each location you have set up devices for.



The RaceDayMobileTiming folder will contain folders for any Races that you have used Backup Timer for.



Within each location folder, we will store the actual timing data files, with a device identifier and the date/time that the file was initially created.

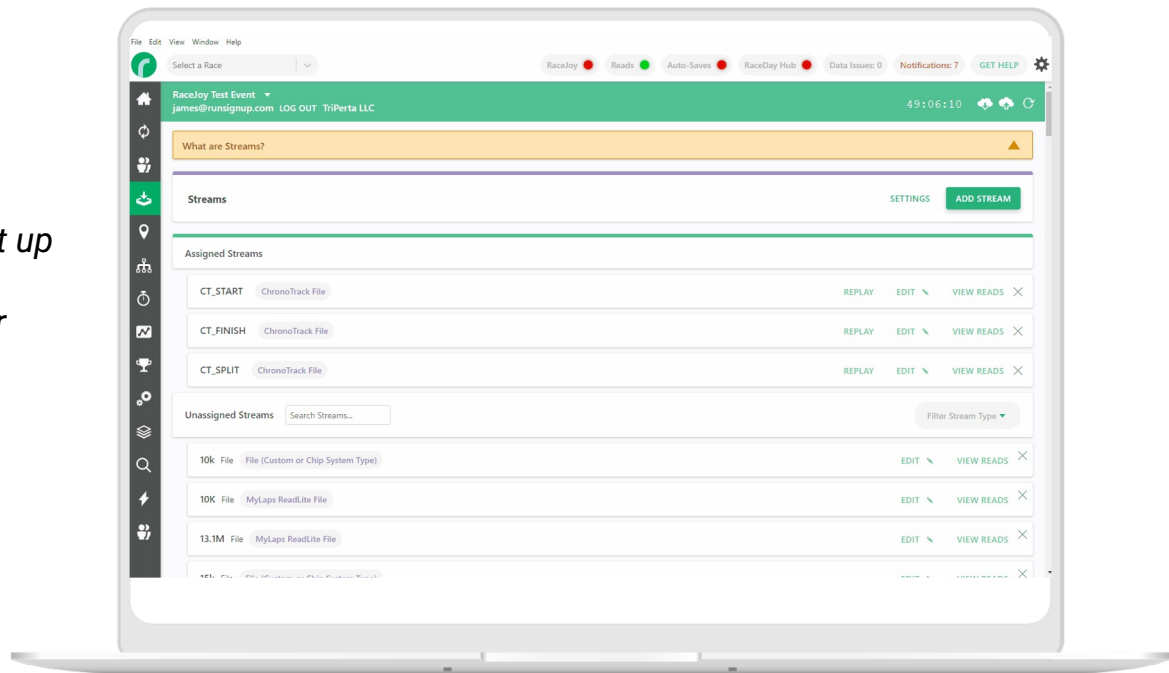


Streaming into RaceDay Scoring

- *Add Stream.*
- *Select File Type > PC Timer/Mobile Timing File Type.*
- *Point to Dropbox Folder that you set up in previous step.*
- *Begin collecting reads like any other Chip system File Stream.*

For more information on using Backup Timing, see this guide:

[Mobile Timing App - Backup Timer](#)
[Dropbox Integration - RunSignup](#)



What's Next?

- Support **periodic result publishing to RunSignup** so that you don't have to wait until all times are recorded for results to be available online.
- Provide a way for users to **identify their devices**, then be able to see information about other devices that are currently using this Race when in the Score & Publish dual mode.
- Add the ability to **push backup times again to Dropbox after making adjustments**.
- Show **currently logged in Dropbox email address** to users.
- Support the ability to **push offline/local results to an existing RunSignup Race**.
- **We do not have plans to add the ability to score more advanced races at this time**, like those with wave starts/complicated top finisher/age group bands, team scoring, etc...
 - We believe that this app should only be used for simple, low volume events for actual timing and scoring purposes, and more complicated events should be scored with actual timing software like RaceDay Scoring. We do not plan on replicating all of the scoring functionality we have in RaceDay Scoring in the Mobile Timing App.

Future Plans

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
1. Announcer Feeds over local networking
 - Tablets or phones can be used by announcer to easily move around and provide for better announcer experiences at event.



Thank You For Joining Us Today

For more information, visit us online at runsignup.com.

