



Fabian4 Entries and Timing

Adrian Moir
Director
Fabian Computers Ltd

Fabian4-RaceTek Demo

November 08th, 2020

Topics

- ▶ Kit – units, tags, stakes, remote boxes, SIMs
- ▶ Event config – age classes, CPs, courses, entry import
- ▶ Registration - check
- ▶ Start – prestart & mass start
- ▶ Checkpoints – info counts, retirements, names
- ▶ Live info – comp. flow, safety, splits grid, leader board
- ▶ Data redundancy – webserver, units, tags
- ▶ Finish – Standard checkpoint or Fast Finish
- ▶ Results - prize matrix, standard results, splits
- ▶ Try it – download the App and register for an account

Kit – units, tags, stakes, remote boxes, SIMs

- ▶ Units – rugged, waterproof, 2 days battery life



Kit – units, tags, stakes, remote boxes, SIMs

- ▶ Tags – silicon wristbands with NFC 213 chips



Kit – units, tags, stakes, remote boxes, SIMs

► Stakes



Kit – units, tags, stakes, remote boxes, SIMs

- ▶ Remote boxes – for unmanned checkpoints, secured by gripple wires.



Kit – units, tags, stakes, remote boxes, SIMs

- ▶ SIMs – multi network roaming SIMs
 - ▶ EE
 - ▶ Vodafone
 - ▶ O2
 - ▶ Three

- ▶ Data charges included in unit rental charge

Event config – age classes, checkpoints, courses, entry import

▶ Age classes



Edit age class model

Please enter new age class model details

Model name*

1000m

Junior string*

12

Format: {AGE_CLASS_1}&{AGE_CLASS_2}&... (minimum 2 classes)

Veteran string*

40&50&60&70

Format: {AGE_CLASS_1}&{AGE_CLASS_2}&... (minimum 2 classes)

Use veteran classes

Use junior classes

Use age at the end of the year for all classes

U19 use age at end of year

Submit

Event config – age classes, checkpoints, courses, entry import

📍 Checkpoint List for 1000m Peak Race - DEMO

[+ New Checkpoint](#)

Checkpoint Name	Checkpoint ID	Pre-start	Start	Finish	Break	Score Points		
Prestart	001	☑					Edit	Delete
Start	111		☑				Edit	Delete
Alpha - 1 - Yr Aryg	501					0	Edit	Delete
Lima - 2 - Carnedd Llewelyn	502					0	Edit	Delete
Delta - 3 - Carnedd Dafydd	503					0	Edit	Delete
Bravo - 4 - Bryn Poeth	504					0	Edit	Delete
Foxtrot - 5 - Glyder Fawr	505					0	Edit	Delete
Papa - 6 - Pen y Pass	506					0	Edit	Delete
Uniform - 7 - Carnedd Ugain	507					0	Edit	Delete
Finish	FFF			☑			Edit	Delete

Event config – age classes, checkpoints, courses, entry import

► Courses



Courses for 1000m Peak Race - DEMO

[+ New Course](#)

Standard Courses

Course Name	Checkpoints
Long Challenge	<ul style="list-style-type: none">• Prestart• Start• Alpha - 1 - Yr Aryg• Lima - 2 - Carnedd Llewelyn• Delta - 3 - Carnedd Dafydd• Bravo - 4 - Bryn Poeth• Foxtrot - 5 - Glyder Fawr• Papa - 6 - Pen y Pass• Uniform - 7 - Carnedd Ugain• Finish

Event config – age classes, checkpoints, courses, entry import

▶ Courses

Short Challenge

- Prestart
- Start
- Foxtrot - 5 - Glyder Fawr
- Papa - 6 - Pen y Pass
- Uniform - 7 - Carnedd
Ugain
- Finish

Event config – age classes, checkpoints, courses, entry import

- ▶ **Entry import – data from Fabian4 Competitor Data Export**

➔ Import Competitors - 1000m Peak Race - DEMO

Import Entries from File

Select Entries File for Upload

No file chosen

Select Default Course for Imported Entries*

Keep competitor numbers

Keep or Generate Course

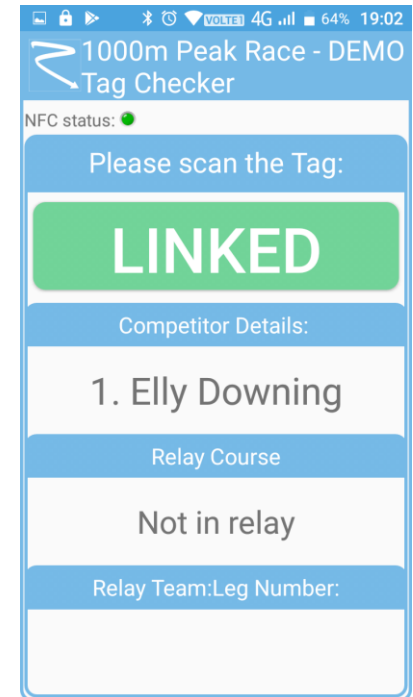
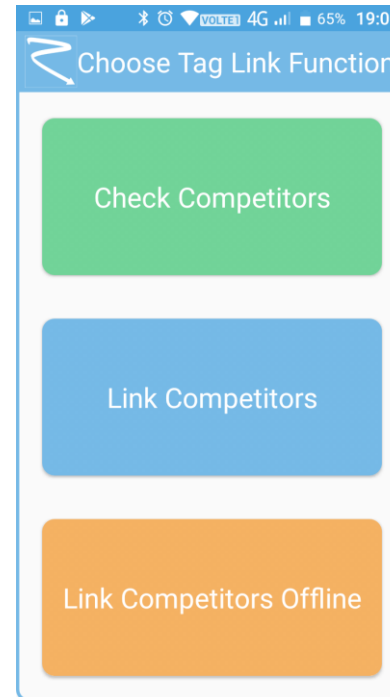
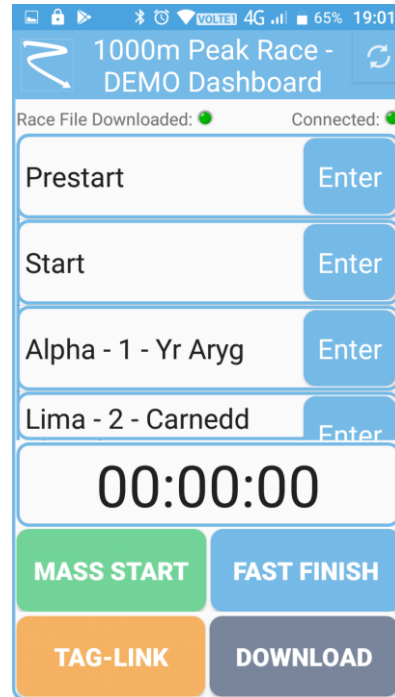
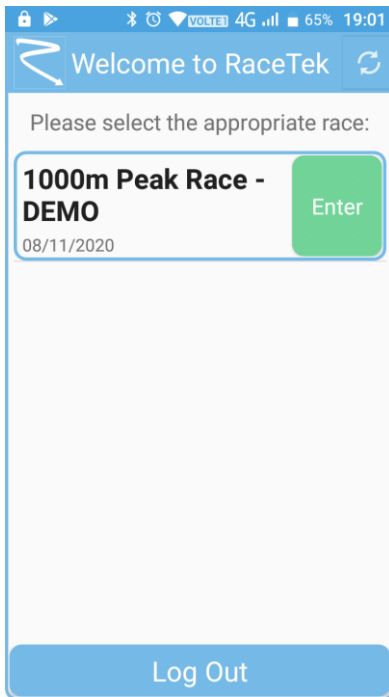
Registration - check

- ▶ Check Competitors (tag matches name)



Registration - check

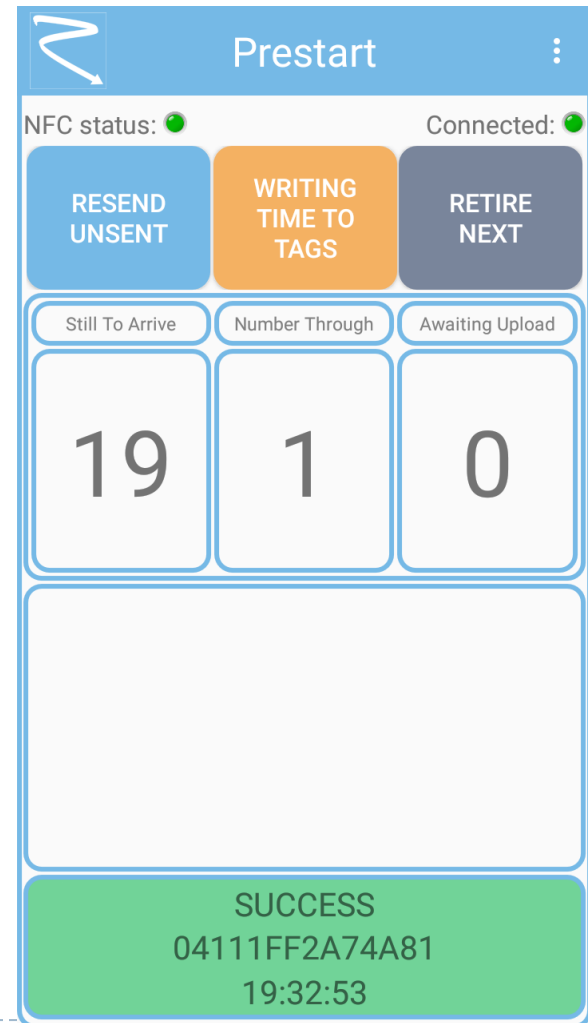
► Check Competitors (tag matches name)



Start – prestart & mass start

▶ Prestart

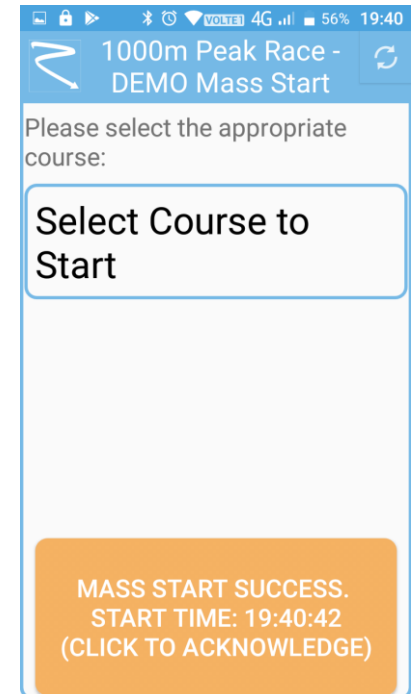
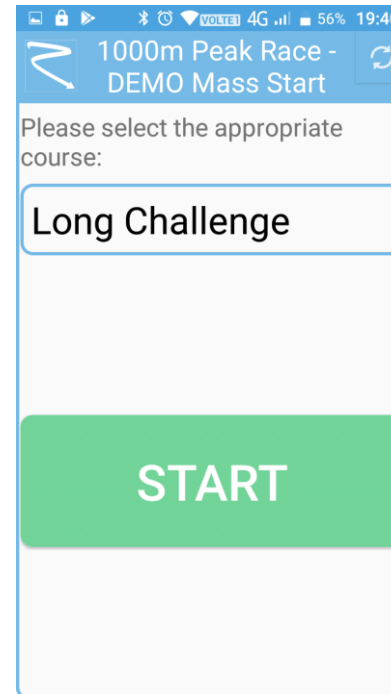
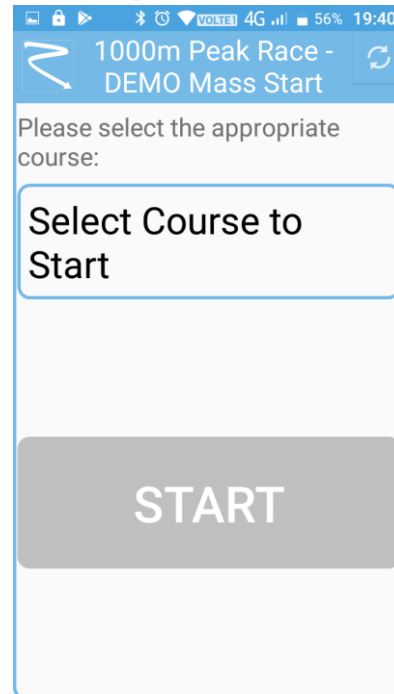
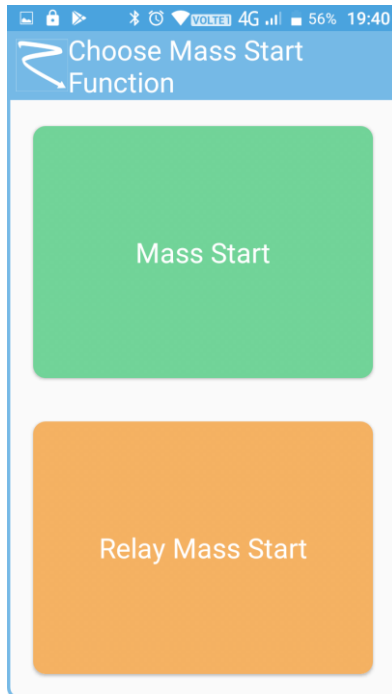
- ▶ Only required if having a mass start
- ▶ Tells the system who had turned up at the start



Start – prestart & mass start

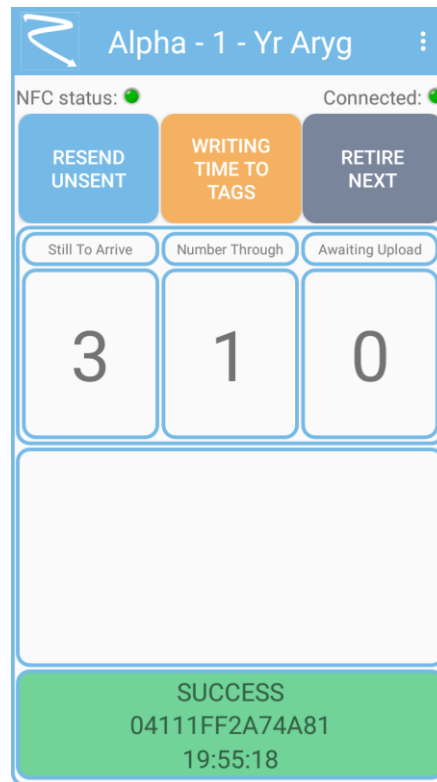
▶ Mass start

- ▶ Start 1 course or all courses
- ▶ Mass start times recorded on the unit
- ▶ Edit via Race setup => Mass start



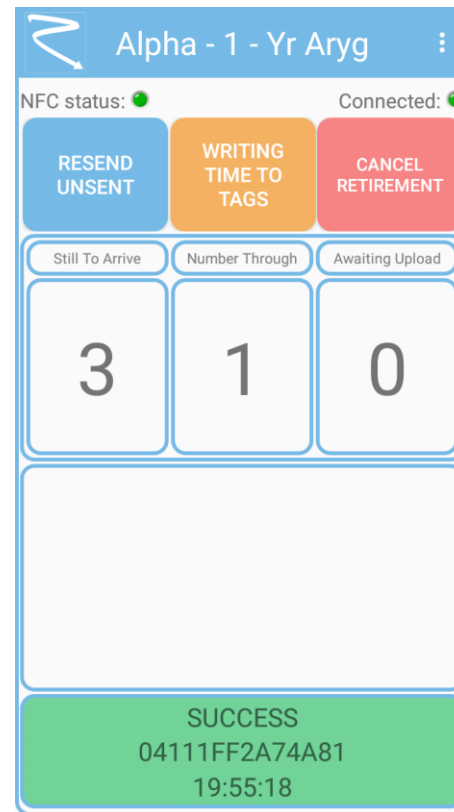
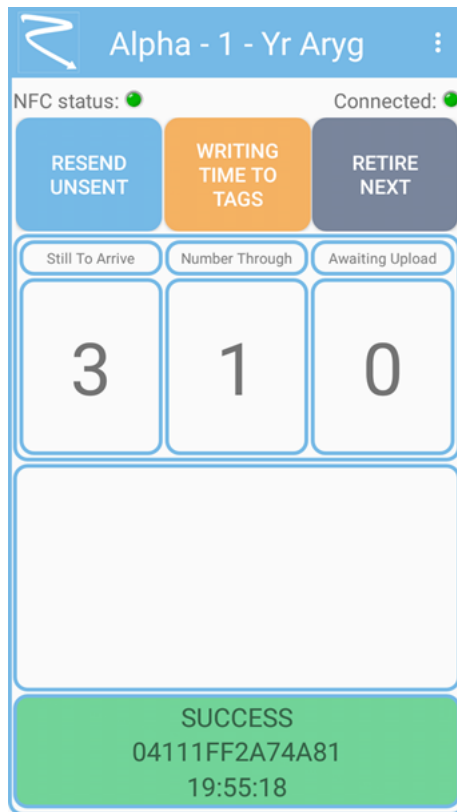
Checkpoints – info counts, retirements, names

- ▶ Info counts – Still To Arrive, Number Through & count of information Awaiting Upload to the webserver.



Checkpoints – info counts, retirements, names

- ▶ Retirements – retire the next competitor who tags the unit – press RETIRE NEXT



Checkpoints – info counts, retirements, names

▶ Names of runners

▶ Still to Arrive

Alpha - 1 - Yr Argy

NFC status: ● Connected: ●

RESEND UNSENT WRITING TIME TO TAGS RETIRE NEXT

Still To Arrive Number Through Awaiting Upload

3 1 0

2 Brendan Murphy
3 Patricia Murphy
5 Nathan Jones Aaron Haggas (Pair)

SUCCESS
04111FF2A74A81
19:55:18

Passed Through

Alpha - 1 - Yr Argy

Hard Resend All Refresh Info Numbers Connected: ●

REIRE NEXT

Awaiting Upload

0

04111FF2A74A81-19:55:18 ●

1 Elly Downing

EXIT CHECKPOINT

Live info – comp. flow, safety, splits grid, leader board

▶ Competitor flow – 6 states

- ▶ Remaining Linked competitors are those that did not Pre-Start (i.e. no shows)



Competitor Flow - 1000m Peak Race - DEMO

Unlinked **Linked** Pre-started Competing Retired Finished

Linked

Show entries

^ No.	↕ First name	↕ Surname	↕ Gender	↕ Club	↕ Class	↕ Course	↕ Linked			
4	Joshua	O'Brien	M		Open	Long Challenge	<input checked="" type="checkbox"/>	Times	Edit	Delete

Live info – comp. flow, safety, splits grid, leader board

- ▶ Location safety – shows runner ETA (minutes remaining) at next checkpoint

 Location Safety for 1000m Peak Race - DEMO

Last location filter

All

Due at filter

All

Course filter

All

All

Individual

Relay

Show entries

^ No.	⇅ Name	⇅ Club	⇅ Course	⇅ Last Recorded Location	⇅ Time	⇅ Due At	⇅ Due In
1	Elly Downing	Meirionnydd	Long Challenge	Lima - 2 - Carnedd Llewelyn	18:16:39	Delta - 3 - Carnedd Dafydd	No Data
2	Brendan Murphy	Le Cheile AC	Long Challenge	Alpha - 1 - Yr Aryg	18:01:00	Lima - 2 - Carnedd Llewelyn	2
3	Patricia Murphy	Le Cheile AC	Long Challenge	Alpha - 1 - Yr Aryg	18:12:40	Lima - 2 - Carnedd Llewelyn	27
5	Nathan Jones Aaron Haggas (Pair)		Long Challenge	Alpha - 1 - Yr Aryg	18:12:45	Lima - 2 - Carnedd Llewelyn	27

Showing 1 to 4 of 4 results

Live info – comp. flow, safety, splits grid, leader board

- ▶ Location safety – overdue runners ETA (minutes overdue) in red

 Location Safety for 1000m Peak Race - DEMO

Last location filter

Due at filter

Course filter

All

All

All

All

Individual

Relay

Show entries

^ No.	↕ Name	↕ Club	↕ Course	↕ Last Recorded Location	↕ Time	↕ Due At	↕ Due In
1	Elly Downing	Meirionnydd	Long Challenge	Lima - 2 - Carnedd Llewelyn	18:16:39	Delta - 3 - Carnedd Dafydd	No Data
2	Brendan Murphy	Le Cheile AC	Long Challenge	Alpha - 1 - Yr Aryg	18:01:00	Lima - 2 - Carnedd Llewelyn	-1
3	Patricia Murphy	Le Cheile AC	Long Challenge	Alpha - 1 - Yr Aryg	18:12:40	Lima - 2 - Carnedd Llewelyn	24
5	Nathan Jones Aaron Haggas (Pair)		Long Challenge	Alpha - 1 - Yr Aryg	18:12:45	Lima - 2 - Carnedd Llewelyn	24

Showing 1 to 4 of 4 results

Live info – comp. flow, safety, splits grid, leader board

- ▶ Splits grid – for finding runners following the wrong course

Splits Grid for 1000m Peak Race - DEMO

Course filter

All

Show All entries

Filter Results

No.	Name	Course.	Prestart (001)	Start (111)	Alpha - 1 - Yr Aryg (501)	Lima - 2 - Carnedd Llewelyn (502)	Delta - 3 - Carnedd Dafydd (503)	Bravo - 4 - Bryn Poeth (504)	Foxtrot - 5 - Glyder Fawr (505)	Papa - 6 - Pen y Pass (506)	Uniform - 7 - Carnedd Ugain (507)	Finish (FFF)
1	Elly Downing	Long Challenge	18:05:07	17:45:00	18:00:00	18:16:39	No Time	No Time	No Time	No Time	No Time	No Time
2	Brendan Murphy	Long Challenge	18:05:09	17:45:00	18:01:00	No Time	No Time	No Time	No Time	No Time	No Time	No Time
3	Patricia Murphy	Long Challenge	18:05:11	17:45:00	18:12:40	No Time	No Time	No Time	No Time	No Time	No Time	No Time
4	Joshua O'Brien	Long Challenge	No Time	17:45:00	No Time	No Time	No Time	No Time	No Time	No Time	No Time	No Time
5	Nathan Jones Aaron Haggas (Pair)	Long Challenge	18:05:15	17:45:00	18:12:45	No Time	No Time	No Time	No Time	No Time	No Time	No Time
6	Nigel Crompton	Long Fell	No Time	No Time	No Time	No Time	No Time	No Time	No Time	No Time	No Time	No Time
7	Peter Eccleston	Long Fell	No Time	No Time	No Time	No Time	No Time	No Time	No Time	No Time	No Time	No Time
8	Andrew Hallam	Long Fell	No Time	No Time	No Time	No Time	No Time	No Time	No Time	No Time	No Time	No Time
9	Mark Liptrot	Long Fell	No Time	No Time	No Time	No Time	No Time	No Time	No Time	No Time	No Time	No Time
10	Warren Renkel	Long Fell	No Time	No Time	No Time	No Time	No Time	No Time	No Time	No Time	No Time	No Time

Live info – comp. flow, safety, splits grid, leader board

- ▶ Leader board – variable update rate for display at HQ

Leaderboard for 1000m Peak Race - DEMO

Course filter: Long Challenge Age filter: All Gender filter: All Auto-cycle course:

Auto update: **No Update** (dropdown menu open showing: No Update, 30 sec, 1 min, 2 mins, 5 mins) [Update Now](#)

Show **All** entries

Position	No.	First name	Surname	Gender	Age Cat.	Course	Location	Time
1	1	Elly	Downing	F	V40	Long Challenge	Lima - 2 - Carnedd Llewelyn	18:16:39
2	2	Brendan	Murphy	M	V40	Long Challenge	Alpha - 1 - Yr Aryg	18:01:00
3	3	Patricia	Murphy	F	V40	Long Challenge	Alpha - 1 - Yr Aryg	18:12:40
4	5	Nathan Jones	Aaron Haggas (Pair)	M	Open	Long Challenge	Alpha - 1 - Yr Aryg	18:12:45

Showing 1 to 4 of 4 results [Previous](#) **1** [Next](#)

Data redundancy – webserver, units, tags

► Webserver

 Dibs for 1000m Peak Race - DEMO

+ New Dib

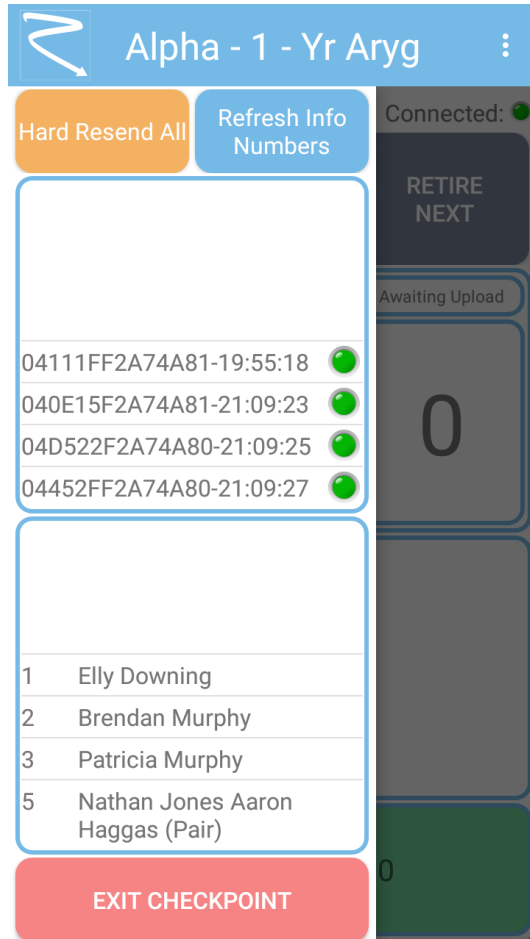
↻ Reload All

All ▾ dibs

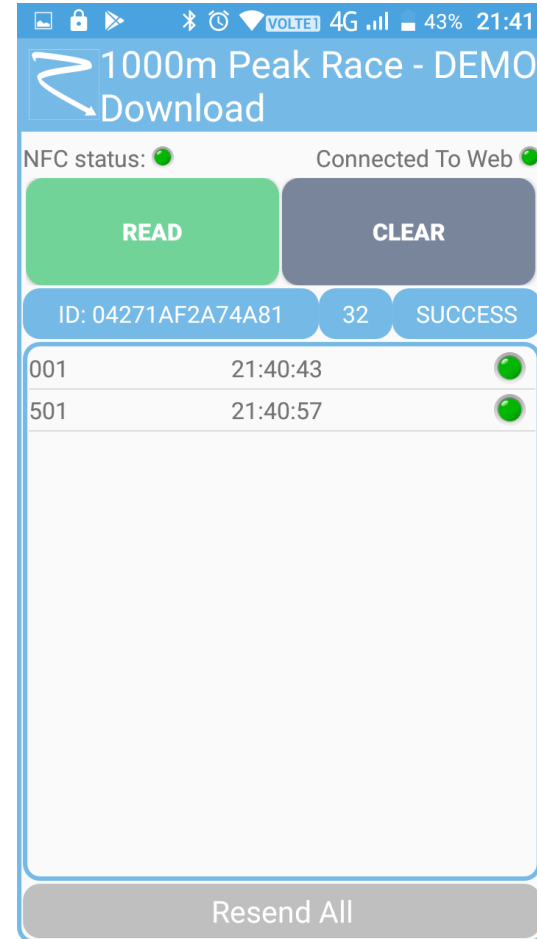
↕ Checkpoint ID	↕ Tag ID	↕ Dib Time	↕ Is Retirement		
001	04DF2FF2A74A80	17:56:35		Edit	Delete
001	049730F2A74A80	17:56:38		Edit	Delete
001	04AD28F2A74A80	17:56:40		Edit	Delete
001	042C29F2A74A81	17:56:43		Edit	Delete
001	04111FF2A74A81	18:05:07		Edit	Delete
001	040E15F2A74A81	18:05:09		Edit	Delete
001	04D522F2A74A80	18:05:11		Edit	Delete
001	04452FF2A74A80	18:05:15		Edit	Delete
501	04111FF2A74A81	18:12:27		Edit	Delete
501	040E15F2A74A81	18:12:32		Edit	Delete

Data redundancy – webserver, units, tags

► Units – Hard Resend All

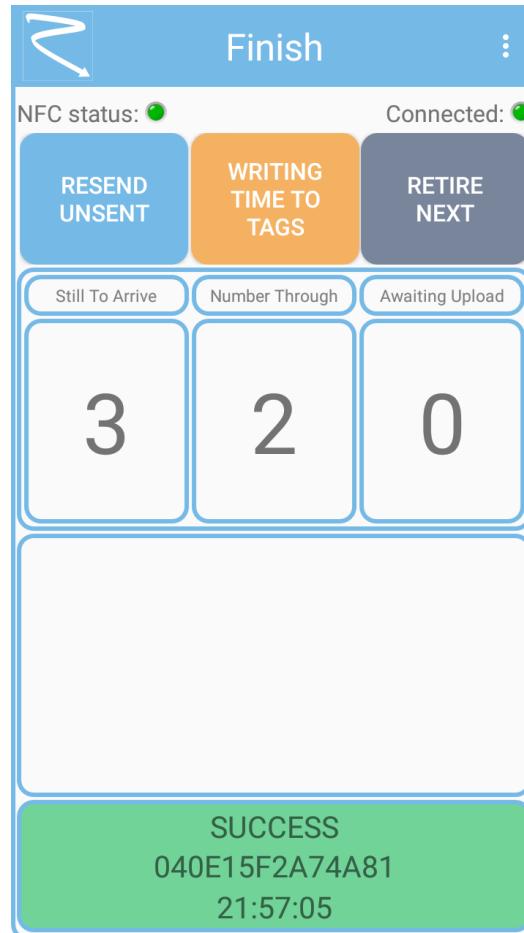


Tags – Download => Read



Finish – Standard checkpoint or Fast Finish

- ▶ Standard checkpoint finish (one unit)



Finish – Standard checkpoint or Fast Finish

- ▶ Fast finish (two units)
- ▶ On the finish line (for times) In funnel (for tags)



Finish - prize matrix, results, splits

► Prize matrix

🕒 Prizes for Llangollen Fell Race (Time Trial)

Course filter*

17 miles ▼

Open*

3

Junior*

1

Veteran*

2

All in Open category?

Award Multiple Prizes?

Show Prizes

Show All ▼ entries

[Print](#) [XLS](#) [PDF](#) [CSV](#) [Copy](#)

Position	No.	First name	Surname	Club	Time	Category
M-Open						
1	5	(M-V40)Joel	Gomes	Wrexham Amateur AC	2:01:01	M-Open
2	13	Matt	Taylor	South Cheshire Harriers	2:06:35	M-Open
3	151	Gavin	Roberts	Eryri Harriers	2:14:16	M-Open
F-Open						
1	123	Liza	Bradshaw	CLC Striders	2:27:43	F-Open
2	25	Tracy	Rogers	Buckley Runners	2:32:33	F-Open
3	127	Kate	Macfarlane	Penny Lane Striders	2:49:49	F-Open
M-V40						
1	2	Jez	Brown	Buckley Runners	2:15:48	M-V40
2	55	Darren	Bentley	Cannock Chase trail runners	2:16:33	M-V40

Finish - prize matrix, results, splits

► Results

Results for Llangollen Fell Race (Time Trial)

Age filter: All Course filter: All Gender filter: All Include DNS and DNF Auto update: No Update [Update Now](#)

Show All entries

[Print](#) [XLS](#) [PDF](#) [CSV](#) [Copy](#)

Filter Results

Position	No.	First name	Surname	Gender	Age Cat.	Course	Club	Time
1	5	Joel	Gomes	M	V40	17 miles	Wrexham Amateur AC	2:01:01
2	13	Matt	Taylor	M	Open	17 miles	South Cheshire Harriers	2:06:35
3	151	Gavin	Roberts	M	Open	17 miles	Eryri Harriers	2:14:16
4	2	Jez	Brown	M	V40	17 miles	Buckley Runners	2:15:48
5	55	Darren	Bentley	M	V40	17 miles	Cannock Chase trail runners	2:16:33
6	121	Simon	Oliver	M	V40	17 miles	Chester Triathlon Club	2:18:30
7	8	David	Morris	M	Open	17 miles	South Cheshire Harriers	2:23:17
8	1	Luke	Beresford	M	Open	17 miles	Ripley RC	2:24:32
9	9	Chris	Palmer	M	Open	17 miles	Run Free Fell Runners Llangollen	2:25:10

Finish - prize matrix, results, splits

► Splits

🕒 Splits for Llangollen Fell Race (Time Trial)

Course filter

17 miles

Age filter

All

Gender filter

All

Show Splits

Show All entries

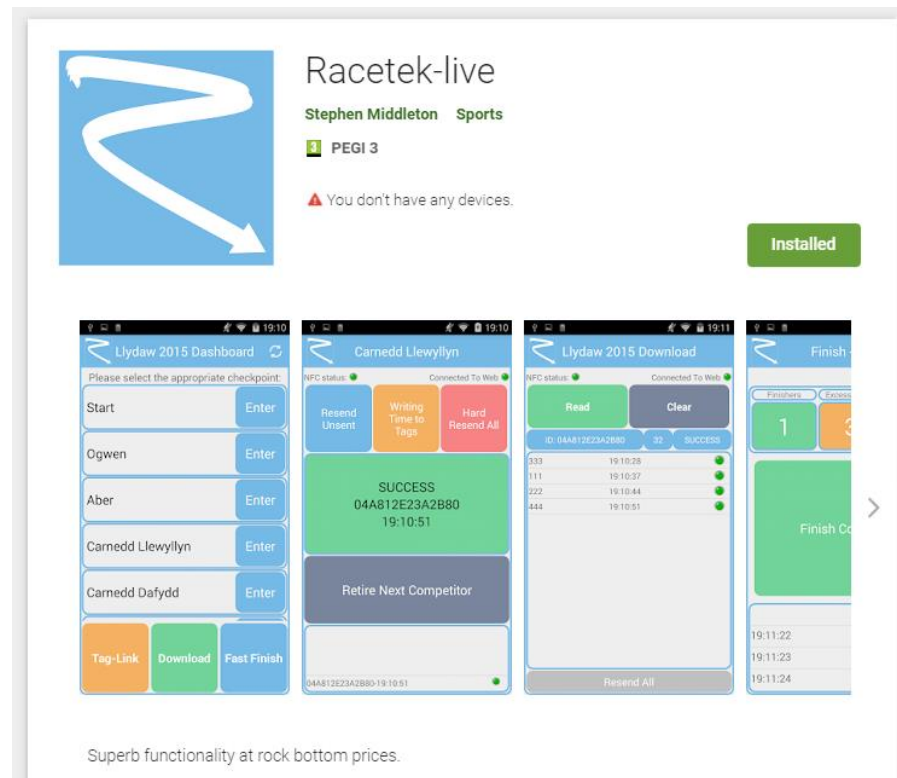


Filter Results

Position	No.	First Name	Surname	Gender	Age Cat.	Start	CP1 - Cynr y Brain	CP2 - Offas Dyke	CP3 - Rock Farm	Finish
1	5	Joel	Gomes	M	V40	0:00:00 (0:00:00)	1:03:02 (1:03:02)	1:15:59 (0:12:57)	1:42:49 (0:26:50)	2:01:01 (0:18:12)
2	13	Matt	Taylor	M	Open	0:00:00 (0:00:00)	1:06:06 (1:06:06)	1:19:37 (0:13:31)	1:47:34 (0:27:57)	2:06:35 (0:19:01)
3	151	Gavin	Roberts	M	Open	0:00:00 (0:00:00)	1:10:40 (1:10:40)	1:25:41 (0:15:01)	1:55:05 (0:29:24)	2:14:16 (0:19:11)
4	2	Jez	Brown	M	V40	0:00:00 (0:00:00)	1:09:50 (1:09:50)	1:25:05 (0:15:15)	1:55:14 (0:30:09)	2:15:48 (0:20:34)
5	55	Darren	Bentley	M	V40	0:00:00 (0:00:00)	1:12:23 (1:12:23)	1:27:02 (0:14:39)	1:56:59 (0:29:57)	2:16:33 (0:19:34)
6	121	Simon	Oliver	M	V40	0:00:00 (0:00:00)	1:13:30 (1:13:30)	1:27:38 (0:14:08)	1:57:41 (0:30:03)	2:18:30 (0:20:49)
7	8	David	Morris	M	Open	0:00:00 (0:00:00)	1:13:44 (1:13:44)	1:29:02 (0:15:18)	2:02:10 (0:33:08)	2:23:17 (0:21:07)
8	1	Luke	Beresford	M	Open	0:00:00 (0:00:00)	1:12:23 (1:12:23)	1:25:45 (0:13:22)	1:59:57 (0:34:12)	2:24:32 (0:24:35)
9	9	Chris	Palmer	M	Open	0:00:00 (0:00:00)	1:14:20 (1:14:20)	1:29:56 (0:15:36)	2:02:36 (0:32:40)	2:25:10 (0:22:34)

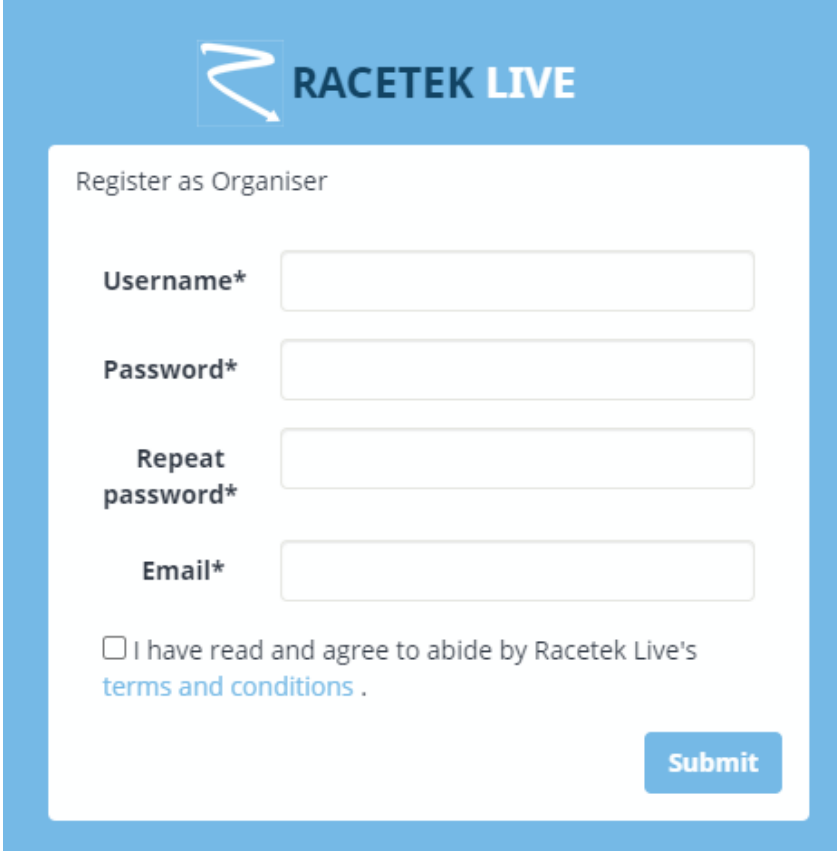
Try it – download the App and register for an account

- ▶ App
- ▶ <https://play.google.com/store/apps/details?id=com.drsjmiddleton.RaceTekInterfaceNFCTimeStamp>




Try it – download the App and register for an account

- ▶ Register for an account
- ▶ <https://www.racetek-live.co.uk/website/register/>



The screenshot shows a registration form for 'RACETEK LIVE' titled 'Register as Organiser'. The form is set against a blue background. It includes four input fields: 'Username*', 'Password*', 'Repeat password*', and 'Email*'. Below the fields is a checkbox for terms and conditions, and a blue 'Submit' button.

 **RACETEK LIVE**

Register as Organiser

Username*

Password*

Repeat password*

Email*

I have read and agree to abide by Racetek Live's [terms and conditions](#) .