

## ERS-RaceTime Barcode based Race Timing



Barcode-based race timing solution from ERS.

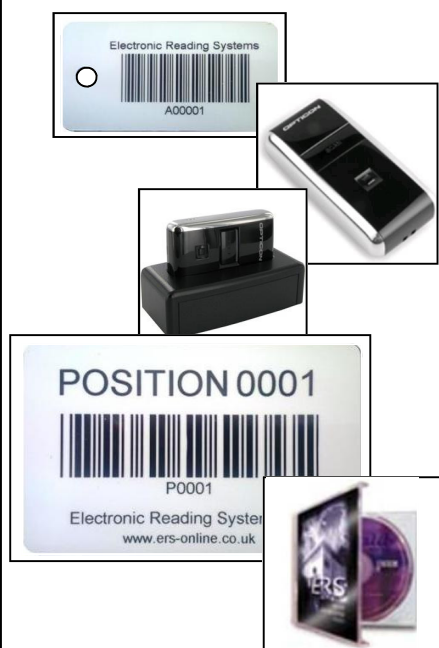
RaceTime offers a low-cost and easy to use system for capturing athlete timings from a range of events and races. The system uses low-cost barcode technology to provide a practical means for running clubs and smaller organisations to time moderate sized events.

RaceTime supports single-stage events with mass start, group start or individual starting of competitors.

Register athletes onto the RaceTime software via PC keyboard or data file import including Athlete name, ID, gender, category and up to 4 additional data fields allowing results to be generated for different groups of competitors.

Capture race timings using the **OPN2002 Race Timer** and **OPN2001 Athlete Scanner** and download to Racetime to generate results.

Results output in Excel compatible format and stored in the RaceTime database for future reference.



Main RaceTime system components:

- **Barcoded Athlete IDs.** Labels or plastic tokens. Issued to athletes on registration.
- **OPN2002 Race Timer.** Use the Timer to capture event start time and finishing times of competing athletes
- **OPN2001 Athlete Scanner.** Use the Scanner to capture IDs and positions of finishing athletes. For Individual and Group start event also use the Scanners to start the individual Athletes/ Groups
- **RaceTime System Software.** Register the competing athletes, configure the events, download the Timers and Scanners, and generate output results as Excel compatible output
- **Optional Finish Position Barcodes.** Re-usable plastic or laminated cards. Handed to athletes on completion of race. Avoids the need to scan competitors in finishing order as they complete the race.

## Typical Result Format for Mass Start Event:

Microsoft Excel - final1.csv													
File Edit View Insert Format Tools Data Window Help													
G44      fx      Reply with Changes... Egd Review...													
A	B	C	D										
1	Test-Event1 on Tuesday 14 May 2013												
2	FunRun												
3	Mass Start												
4	Position tags are being used at the finish line												
5													
6	Race Started : 14/05/2013 17:09:12												
7													
Position	Athlete	Surname	Forename	Elapsed	Time	Gender	Category	StartGroup	Contact	Club	AF-3	AF-4	Notes
1	A00002	Smith	Mike	00:10:07	17:19:19	Male	Senior			Eagles			
2	A00003	Bond	Sarah	00:10:22	17:19:34	Female	Senior			Eagles			
3	A00071	Moss	David	00:11:38	17:20:50	Male	Junior		01201 121 222	Eagles - Jnr			First time runner
4	A00005	Doe	Jane	00:11:43	17:20:55	Female	Senior			Harriers			
5	A00006	Smith	Sally	00:13:47	17:22:59	Female	Junior		1222 555 666				
6	A00201	Jones	Steve	00:14:52	17:23:04	Male	Senior			Eagles			
7	A00009	Person	Charles	00:15:56	17:24:08	Male	Junior		07976 000 001	Harriers			
8	A00008	O'Brien	Anne	00:15:18	17:24:30	Female	Senior						
17													
18	Athletes who finished without timing results												
19	9	A00028	Burroughs	Graham	?	?	Male	Senior		Eagles			
20	?	A00222	Stalker	Mike	?	?	Male	Junior					
21													

## Typical Result Format for Individual Start Event:

Microsoft Excel - final1.csv

File Edit View Insert Format Tools Data Window Help

Type a question for help

100% Arial 10 B I U

Reply with Changes... Egd Review...

A6 Race Started : 18/05/2013 17:09:12

1GetFit Event on Saturday 18 May 2013

25K Cross Country

3Individual Start

4Position tags are being used at the finish line

5

6Race Started : 18/05/2013 17:09:12

7

Position	Athlete	Surname	Forename	Elapsed	Start Time	Finish Time	Gender	Category	StartGroup	Contact	Club	AF3	AF4	Notes
1	A00003	Bond	Sarah	00:09:45	17:09:49	17:19:34	Female	Senior			Eagles			
2	A00002	Smith	Mike	00:09:49	17:09:30	17:19:19	Male	Senior			Eagles			
3	A00005	Doe	Jane	00:10:43	17:10:12	17:20:55	Female	Senior						
4	A00071	Moss	David	00:10:47	17:10:03	17:20:50	Male	Junior						
5	A00201	Jones	Steve	00:12:15	17:10:49	17:23:04	Male	Senior						
6	A00006	Smith	Sally	00:12:29	17:10:30	17:22:59	Female	Junior						
7	A00008	O'Brien	Anne	00:13:05	17:11:25	17:24:30	Female	Senior						
8	A00009	Person	Charles	00:13:56	17:11:12	17:24:08	Male	Junior		07976 000 001	Harriers			
Athletes who finished without timing results														
9	A00028	Burroughs	Graham	?		?	Male	Senior			Eagles			
?	A00222	Stalker	Mike	?		?	Male	Junior		01201 121 111				
Unused finish timings														
?				?	?	17:28:12								

1. Event Name, date and details, and selection criteria (if any) for results. Includes nominal race start time

2. Results, including individual Start and Finish times, positions and details for all finishing athletes.

3. Detected errors - eg: Competitors for whom no finish time or position was logged, etc.

## Typical Result Format for Group Start Event:

Microsoft Excel - Sample-Group.csv														
File Edit View Insert Format Tools Data Window Help														
A18 6 Reply with Changes... Egd Review...														
A	B	C	D											
1	GetFit Event on Sunday 19 May 2013													N
2	5K Cross Country													O
3	Group Start													
4	Position tags are NOT being used													
5	Gender = 'Senior'													
6														
7	Race Started : 19/05/2013 17:09:12													
8														
Position	Athlete	Surname	Forename	Elapsed	Start Time	Finish Time	Gender	Category	StartGroup	Contact	Club	AF3	AF4	Notes
1	A00002	Smith	Mike	00:09:14	17:10:05	17:19:19	Male	Senior	GP2		Eagles			
2	A00003	Bond	Sarah	00:09:45	17:09:49	17:19:34	Female	Senior	GP1		Eagles			
3	A00005	Doe	Jane	00:11:06	17:09:49	17:20:55	Female	Senior	GP1		Harriers			
4	A00201	Jones	Steve	00:13:15	17:09:49	17:23:04	Male	Senior	GP1		Eagles			
5	A00008	O'Brien	Anne	00:14:25	17:10:05	17:24:30	Female	Senior	GP2					
15														
16														
17	Athletes who finished without timing results													
18	6	A00028	Burroughs	Graham	?	17:10:05	?	Male	Senior					
19														

1. Event Name, date and details, and selection criteria (if any) for results. Includes nominal race start time

2. Results, including Start and Finish times, positions and details for all finishing athletes.

3. Detected errors - eg: Competitors for whom no finish time or position was logged, etc.

