

ERS-RaceTime

Low-cost barcode based race timing solution from ERS



RaceTime is an easy to use system which uses barcode technology to provide running clubs and organisations with a low cost way to time moderate sized events.

The system supports single-stage events with mass start or group start or individual starting of competitors and is available as a bundled 'kit'

containing everything needed to start timing races including:

PC based RaceTime Software

Race Timer

Athlete Scanner

Starter pack of 300 Athlete Barcodes

Each competitor will be issued a unique barcoded ID and will be registered onto the RaceTime software via the PC keyboard or via data file import.



Registration details include athlete name, Barcode ID, gender, category and up to 4 additional data fields, allowing separate race results to be generated for different groups of competitors (eg: by age, gender, club etc.), or for competitors running different race distances for example.

Competitor race times and finish positions are captured using the Race Timer and Athlete Scanner which are then downloaded to the RaceTime software to generate **results in Excel compatible format**.

System Options & Accessories include:



- **Re-usable Finish Position barcodes.** Competitor finishing positions may be set by simply scanning the competitors in order in the exit funnel as they finish the race; as an alternative however a re-usable Finish Position barcode can be issued to the competitors as they finish the race. This allows the competitor plus their finish position barcode to be scanned later, in any order, after they have exited the funnel. This can be especially convenient for larger events and allows multiple scanners to be used if required to minimise scan times
- **Additional Athlete Barcodes** Additional pre-printed barcode labels, or re-usable barcoded 'keyfob' tags are available as required
- **Additional Scanners or Timers**
 - Reduce Athlete Scan times for larger events
 - Allow results for early finished to be downloaded and posted before the race ends
 - Simplify operation for Group start events

EXAMPLE RESULT FORMATS FOR MASS START & GROUP START EVENTS

Examples below show typical results for All Competitors. Separate results can be generated for different groups of competitors (eg: by age, gender, club, group, running distance etc)

Output results data is split into 3 sections:

- 1** Event Name and details, and including selection criteria for results (if any selection made)
- 2** Race results, including relevant start /finish times, race time and finish positions for each competitor.
- 3** Errors - eg: Competitors for whom no finish time or position was logged etc.

TYPICAL MASS START EVENT

Mass Start Results														
Position	Athlete	Surname	Forename	Elapsed	Time	Gender	Category	StartGroup	Contact	Club	AF3	AF4	Notes	
1	Test-Event1 on Tuesday 14 May 2013													
2	FunRun													
3	Mass Start													
4	Position tags are being used at the finish line													
5	Race Started : 14/05/2013 17:09:12													
8	1 A00002	Smith	Mike	00:10:07	17:19:19	Male	Senior			Eagles				
9	2 A00003	Bond	Sarah	00:10:22	17:19:34	Female	Senior			Eagles				
10	3 A00071	Moss	David	00:11:38	17:20:50	Male	Junior			Eagles - Jnr				
11	4 A00005	Doe	Jane	00:11:43	17:20:55	Female	Senior			Harriers				First time runner
12	5 A00006	Smith	Sally	00:13:47	17:22:59	Female	Junior							
13	6 A00201	Jones	Steve	00:14:52	17:23:04	Male	Senior			Eagles				
14	7 A00009	Person	Charles	00:15:56	17:24:08	Male	Junior							
15	8 A00008	O'Brien	Anne	00:15:18	17:24:30	Female	Senior			Harriers				
17	Athletes who finished without timing results													
18	9 A00028	Burroughs	Graham	?	?	?	Male	Senior		Eagles				
19	?	A00222	Stalker	Mike	?	?	Male	Junior		01201 121 111				

TYPICAL GROUP START EVENT

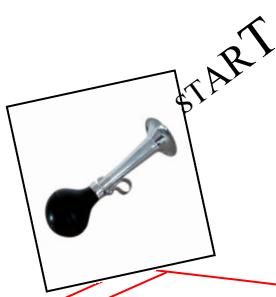
Group Start Results														
Position	Athlete	Surname	Forename	Elapsed	Start Time	Finish Time	Gender	Category	StartGroup	Contact	Club	AF3	AF4	Notes
1	GetFit Event on Sunday 19 May 2013													
2	5K Cross Country													
3	Group Start													
4	Position tags are NOT being used													
5	Gender = 'Senior'													
6	Race Started : 19/05/2013 17:10:12													
9	1 A00002	Smith	Mike	00:09:14	17:10:05	17:19:19	Male	Senior	GP2		Eagles			
10	2 A00003	Bond	Sarah	00:09:45	17:09:49	17:19:34	Female	Senior	GP1		Eagles			
11	3 A00005	Doe	Jane	00:11:06	17:09:49	17:20:55	Female	Senior	GP1		Harriers			
12	4 A00201	Jones	Steve	00:13:15	17:09:49	17:23:04	Male	Senior	GP1		Eagles			
13	5 A00008	O'Brien	Anne	00:14:25	17:10:05	17:24:30	Female	Senior	GP2					
15	Athletes who finished without timing results													
16	6 A00028	Burroughs	Graham	?	17:10:05	?	Male	Senior	GP2		Eagles			
17	?	A00222	Stalker	Mike	?	?	Male	Junior	01201 121 111					

TIMING A MASS-START EVENT WITH RACETIME



1. BEFORE THE EVENT

Competitor details added onto RaceTime and barcoded IDs issued



2. AT THE START

Race Timer used to capture the Race Start time by pressing the trigger once as the event is started. (Note: the Timer will also be used at the Finish Line as below)

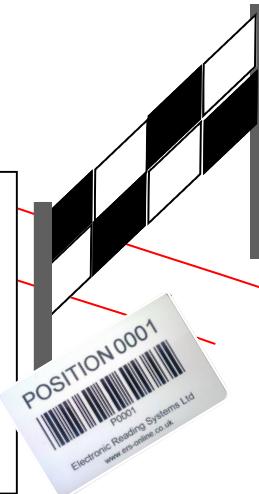


3. AT THE FINISH

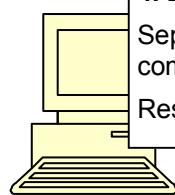
Race Timer used to log the time of each finishing Athlete by pressing the trigger each time a runner crosses the finish line.

Athlete Scanner used to capture competitor Finish Positions either by:

- Scanning the competitors in order as they finish the race
- or
- By handing out re-usable barcoded Finish Position cards which allow the competitors plus their finish position card to be scanned later in any order, after they have exited the finish line funnel.



4. DOWNLOAD TIMERS & SCANNERS INTO RACETIME & GENERATE RESULTS



Separate results for different groups of competitors (eg: by age, gender, club etc.), or for competitors running different race distances for example

Results will be generated in Excel compatible format

