



Timing System User Manual V1.1

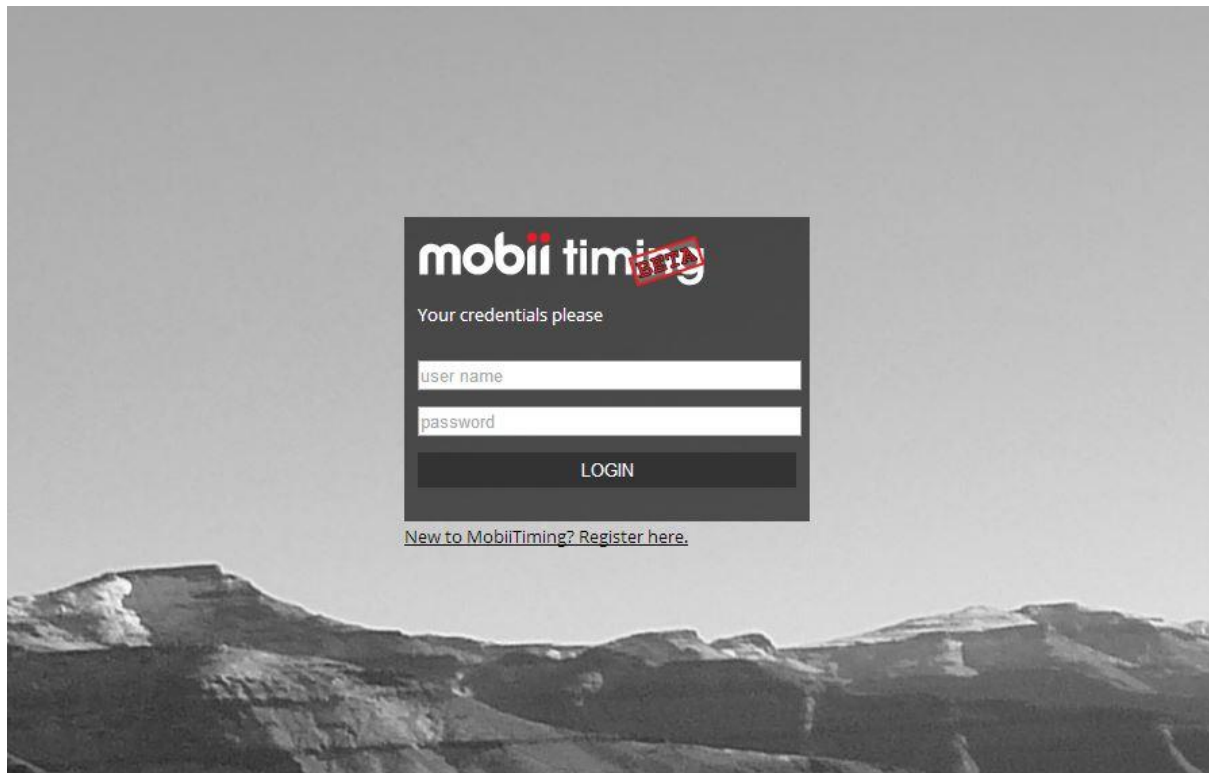
30th March 2014

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Getting Started:

Log into your profile at <http://live.mobii.com> or via your local host if you are working offline.



Dashboard:

Once you have successfully logged in, the first landing page will be the Dashboard. This page displays an overview of your system profile, including:

- the most recent new registrations
- future races
- past races
- participant numbers at recent events
- a calendar of upcoming events

The screenshot shows the Mobii Timing Dashboard for user Roderick Barrett. The interface includes a sidebar with navigation links: Dashboard, Races, Displays, Reports, Utilities, Templates, Online Entries, Wallet, Timing Credits, Readers, and System. The main content area is titled 'Dashboard' and features three primary sections: Recent Registrations, Future Races, and Past Races. The Recent Registrations section displays a table of participants, while the Future Races section shows upcoming events. The Past Races section is currently empty. A 'Quick info' sidebar on the right provides summary statistics for recent and future races, wallet balance, credit balance, readers, and users.

First Name	Last Name	Race	Course	State	
Roderick	Barrett	Stage 1 - Tour de Philadelphia	Cat 3	Registered	View
Brendan	Barrett	Stage 1 - Tour de Philadelphia	Cat 2	Registered	View
Brendan	Barrett	Stage 1 - Tour de Philadelphia	Cat 2	Registered	View
Tracy	Barrett	Stage 1 - Tour de Philadelphia	Cat 1	Registered	View
Tracy	Barrett	Stage 1 - Tour de Philadelphia	Cat 3	Registered	View

Event	Race	Start	End	
Cape MTB	Cape Epic 2014	6 days from now	14 days from now	View

Event	Race	Start	End
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Quick info

- Recent Races: 3
- Future Races: 1
- In progress Races: 0
- Wallet Balance: 337.72
- Credit Balance: 0
- Readers: 4
- Users: 5

Understanding the Hierarchical Race Structure:

When working with the Mobii Timing System, there is a hierarchical structure to race data in the following order (from highest level to lowest level):

- Event (eg: the Summer Road Running Series which spans a season)
- Race (eg: race 1 of the series)
- Course (eg: 42km, 21km and 10km courses)
- Course Leg (eg: Course Leg 1 could be from start to first checkpoint 5km into the race)

In order to begin working with the data in the registration system, you need to select (or create) an Event from the Event Selection Filter at the top left of the panel.

By selecting the Race menu option from the side menu you can see a list of all Races assigned to the event which you are working with. At the top right of the screen, there are options to

- Edit the currently loaded Event
- Create a template based on the currently loaded Event
- Add a new Race to the currently loaded Event

Adding a new Race:

When you add a new Race to the currently loaded Event the following page is presented:

Name	Name of the race
Closed	When this is enabled, the race is closed and no editing of race results can occur. (Unless a participants data is modified)
Start Date	For reporting purposes only, the start date of the race
End Date	For reporting purposes only, the end date of the race
Time Rounding	The time rounding of results <ul style="list-style-type: none">- To the next second- To the 10th of a second- To the 100th of a second- To the 1000th of a second
Is Multi Stage?	If the race contains courses which are linked in a multi-stage manner and results are calculated over these stages, then enable this checkbox. For example Mountain Biking, where a Race will contain a Race Course for each day of the Multi-stage race.
City	For reporting purposes, the city where the Race takes place
Coordinates	For reporting purposes, the GPS coordinates of where the Race takes place
Country	For reporting purposes, the Country where the Race takes place
Group	If you need to allocate participants to a group, this is the highest level Group
Sub Group	If you need to allocate participants to a group, this is the lowest level Group
Photo Finish Overlay	When viewing web based photo finish results, this is the template overlay used on each photo. This can be changed at any time and will update photos automatically.
Copy Race contents from	If you would like to copy the race content from a previously created race

Grouping:

This is a means to group participants along criteria that you specify. This is not to be confused with race category and race sub-category.

For example: If you wanted to Group your participants by Union and Club, you would create a Group called “Union” and then create another Group called “Club”. When this is created, you can then Group your participants by both “Union” and “Club” and filter your results accordingly.

You can use the Group feature to create variations of this depending on your needs.

Race Overview:

Once you have selected a race, the following page is displayed:

The screenshot shows the Mobii Timing web application interface. The top navigation bar includes 'Event: Cape MTB' and 'Race: Cape MTB 2014'. A sidebar on the left contains various menu items like Dashboard, Races, Displays, Reports, Utilities, Templates, Online Entries, Wallet, Timing Credits, Readers, and System. The main content area displays race settings and course details. The 'Race Settings' section includes a table with columns for Type, Required, Name/Value, and Second Value. The 'Race Courses' section includes a table with columns for Group, Name, Distance, Start date, Closed, Participants, Teams, and Batches. The 'Course Participant Categories' section includes a table with columns for Name, Abbreviation, Course, Rule, From, To, Gender, and Participants. The 'Team Categories' section includes a table with columns for Name, Abbreviation, Course, Rule type, From, To, Gender group, Teams, and Option.

At the top of this page you will see:

Participants	Participants currently assigned to this race
Teams	Teams currently assigned to this race
Text Messages	SMS text messages that have been sent
Emails	Emails that have been sent

Each list item contains quick links to View/Manage that particular section. For example, if you want to quickly view all the current race participants, simply click on the “View/Manage” hyperlink next to Participants.

Race Settings:

The Race Settings section allows you to create registration data entry fields unique to this race for each participant.

New Race Setting

Type
Registration Select List ▼

Name
T-Shirt

Options (Comma separated)
S,M,L,XL

Required ☐

Add race setting

For example: We want to capture the T-Shirt Size of each participant. We can create a race setting by selecting the “Add new race setting” button and select “Registration Select List” from the Type dropdown. In the Name field you can enter “T-Shirt Size” and then in the Options field you can enter the various T-Shirt Sizes separated by a comma “S,M,L,XL”.

You can then also specify whether this field is required by checking the “Required” box.

This will create a new capture field called “T-Shirt Size” which can be used at registration to enter the T-Shirt size of a participant, or when CSV data is imported, you can map to this newly created field.

Race settings could include any participant data that you would like to capture, for example:

- Medical conditions
- Food preferences
- Emergency contact information
- Organisational Number (CSA number, etc)

There are various entry options available in the Type dropdown selection box:

Registration Select List	Creates a dropdown selection box. To create the various options, separate the values by a comma in the “Options” entry box. Eg: T-Shirt sizes can be entered as (S,M,L,XL).
Auto race number across race	
Race Mode	
Registration Text Field	Allows the participant to enter any text. For example, the name could be “Medical Conditions” and if the Type is Registration Text Field, a blank text entry box will be displayed allowing any free text to be entered.
Registration Yes/No Field	Creates a “Yes/No” option for this data field.
Registration Email Field	Created an entry field containing email validation

Race Courses

Each Race must contain at least one Race Course.

For example in a Road Running race you may have a Race with two Race Courses (42km and 21km) and results are generated for each Race Course.

In a Multi-Stage Mountain Bike Race you would still have one Race but several Race Courses, each representing a different Stage.

You can create a new Race Course for a Race by selecting the “Add New Race Course” button.

A new page will be displayed with the following options:

Name	The name of the Race Course
Distance	When this value is entered, you can report on Average Speed
Closed	When this is enabled, the race course is closed and no editing of race results can occur. (Unless a participants data is modified)
Team Mode	This determines how team times are calculated in the results: <ul style="list-style-type: none">- All must finish; Time based on the last participant- All must finish; Time based on the first participant- No all need to finish; Time based on the first participant
Start Date	For reporting purposes only, the start date of the race course
Auto-Activate on first tag read	When enabled, if a participant’s RFID tag is read by any Mobii Pod during the race (Start, Checkpoint, Finish, etc) and that participant has not been Activated, then that participant is automatically Activated so that his result is displayed.
Auto Check-in on first tag read	When enabled, if a participant’s RFID tag is read by any Mobii Pod during the race (Start, Checkpoint, Finish, etc) and that participant has not been Checked-In, then that participant is automatically Checked-In so that his result is displayed.
Grouping	<p>Race Course Grouping:</p> <p>To prevent a participant from entering more than one course within a Race unintentionally, you can set the Race Course Group to the same number for each Race Course.</p> <p>If a participant is already registered for a Race Course and then that participant tried to enter another Race Course within that group, the system will not allow this to occur if both Race Courses have the same Group number. For example, you may be hosting a Trail Run that contains both a Long and Short course. To prevent a participant from being registered to both</p>

	<p>However, in situations where you do want to allow a participant to register for multiple Race Courses within a Race, you can simply enter a different numerical value for each Race Course. For example a Multi-Stage MTB Race would have Race Courses spread over several days all belonging to one Race. In this scenario you can set each Race Course to a different number to allow the same participant to register for the different Race Courses representative for each stage.</p>
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Once a Race Course has been created, you will see this entry displayed in the Race Course section of the Race page.

To edit the Race Course, you can click on the edit icon at which point you will see all the Race Course options as before including two additional fields:

Timing Start	<p>This is the actual Start Time of the Race Course.</p> <p>If want to start a race course in real time, you can press the “Now” button at the start of the race. Alternatively you enter in a race course start time before or after the race.</p> <p>This is a required field before results can be displayed for a Race Course.</p> <p>Note, even if batches are assigned to a Race Course containing their own Start Times, or Individual Starts are used (for example in a Time Trial), you still need to assign a Start Time for the Race Course which is earlier than any batch or individual start time.</p>
Timing End	<p>This is the actual End Time of the Race Course and creates a filter window based on the start time, by which results can be generated.</p> <p>This is a required field before results can be displayed for a Race Course. In a normal scenario you would set a race start time and then set the end time to a point at which all participants should have completed the Race Course.</p> <p>You can re-configure the end time of a race at any time.</p>

Race Course Legs

A Race Course Leg allows you to configure legs within your Course.

You can, for example add a Course Leg that can be set as a Checkpoint and configure the Reader that will be used to time participants at this point.

Course legs

Name	Distance	Order	Reader	Mode	Mode count	Second Mode count	Threshold seconds
Checkpoint	5	1	POD2	Checkpoint	0	0	120
				Check In			
				Start Independantly			
				Start Batch			
				Start Course			
				Checkpoint			
				Time in			
				Time out			
				Lap			
				Finish			

You can further configure a Course Leg to time the finish of your Race Course:

Course legs

Name	Distance	Order	Reader	Mode	Mode count	Second Mode count	Threshold seconds
Checkpoint	5	1	POD2	Checkpoint	0	0	120
Finish	100	2	POD1	Finish	0	0	120
				Check In			
				Start Independantly			
				Start Batch			
				Start Course			
				Checkpoint			
				Time in			
				Time out			
				Lap			
				Finish			

There are many options available for how you setup your Race Course. Remember that each Course Leg needs to have an incremented “Order” number. In the above example, “Checkpoint” has an order of 0 and “Finish” and order of 1 as the “Checkpoint” will occur before the “Finish”.

In another example, you could set the Course Leg to “Start Independantly”, which means that you could set a Pod at the start and allow participants to start their race at any time by passing the Pod and that will calculate their race time from the point at which they passed the pod.

When Lap Mode is configured, be sure to set the Threshold Seconds. This will prevent the participant from being lapped twice when they pass a timing pod.

Course Participant Categories:

This is where you can create the various categories associated with a Race. The following options are displayed when creating a new Course Category:

Name	The category name (eg: Veteran)
Abbreviation	Abbreviation used on results pages (eg: VET)
Rule Type	Currently there are two options: <ul style="list-style-type: none">- None (Manual) – you manually set the participant category- Age Group – when selected, you can automatically assign the participant to a category based on date of birth.
From	When an Age Group Rule is applied to this category, this is the age from which the rule will be applied
To	When an Age Group Rule is applied to this category, this is the age to which the rule will be applied
Limit Gender	Allows you to set the category to: <ul style="list-style-type: none">- Mixed Gender (Male and Female)- Male Only- Female Only
Limit Course	When applied, this can restrict the category to a specific Race Course only.
First Place Points	Points which are automatically assigned to first place
Points Change Per Position	The points allocation for each successive finisher

Team Categories

This section allows you to enter Team Categories and follows the exact same logic as entering normal Participant Categories.

View/Manage Participants assigned to a Race:

To View/Manage participants, you can navigate to:

RACES > (SELECT RACE) > PARTICIPANTS VIEW/MANAGE

There is a text entry field which will allow you to quickly filter and find participants based on:

- Name
- Surname
- ID Number
- Race Number

As you start typing the search box will begin returning matching results.

If you need to enter new participant registration data to this Race, there are several options available.

Import Participants	Use this option if you want to import participants from a CSV file
Add Participants	Use this option to manually capture a new participant directly
Add Existing Participant	If the participant has entered into any of your previous races, this option will allow you to find that person and assign them to the current race

Import Participants:

The process of importing data from CSV involves:

- First create all the Race Setting Data Fields relevant to your race prior to importing data from CSV (Please see race settings above)
- Load the CSV in the import screen
- Map the data fields of the CSV to the Race Setting Data Fields of your Race
- Initiate the data import

On the import screen, the following options are available:

First row contains header names	If the first row of your import contains header names for each column, then you can specify that here
Use delimiter: Comma, Semi-Colon	Select the type of delimiter used in the CSV file
Choose File	Select the file on your computer
Upload	Press to upload, note that this will not actually import any data until you have mapped the fields in the next steps

Mapping the CSV to your Race Setting Data Fields:

Once you have successfully loaded your CSV file, the mapping screen is displayed. On this screen, you will see each Column name of your CSV on the left, followed by a column showing the first data row of your CSV as example data.

You are then able to specify which fields of your CSV are mapped to your Race Setting Data Fields.

For example, if your CSV column represents “First Name”, then you can map this to the “First Name” Race Setting Data Field by selecting “First Name” from the dropdown selection box. You continue this for all the data which you would like to import.

Event: Cape MTB / Race: Cape MTB 2014 / Import Participants

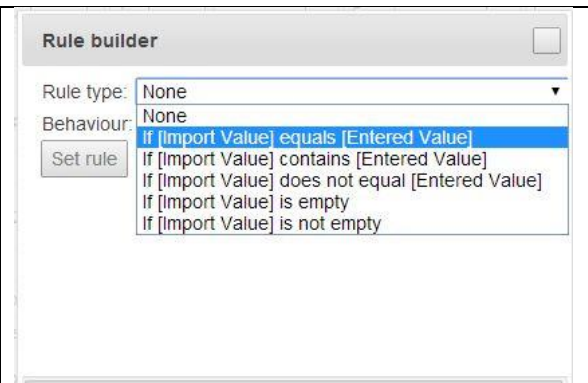
Import layout

Records found: 903

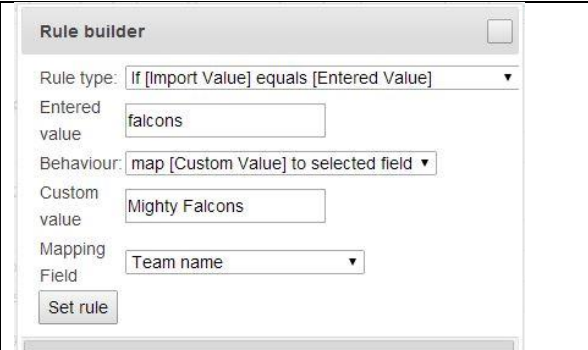
Column Name	Example	Mapping	Rule
Registration Date	477	Race number	Build rule
Category	28/11/2013 17:35:00	Ignore	Build rule
Forename	Open	Course category name	Build rule
Surname	Barrett	First name	Build rule
ID number (SA only)	Roderick	Last name	Build rule
Gender	8002065019083	Identity number	Build rule
Date of Birth	Male	Gender	Build rule
Age	1980-02-06	Date of birth (yyyy-mm-dd)	Build rule
Province	34	Ignore	Build rule
Address Line 1	Western Province	Ignore	Build rule
Address Line 2	123 Avenue	Ignore	Build rule
postal_Code	Durbanville	Ignore	Build rule
Email	7530	Ignore	Build rule
CellPhone	rod@mobii.com	Ignore	Build rule
Emergency Contact Name	0741110436	Ignore	Build rule
Emergency Contact Telephone	Anna Barrett	Ignore	Build rule
Registration Type	0715572337	Ignore	Build rule
Course	Short Course	Ignore	Build rule
Last Payment Method	Short	Ignore	Build rule
Registration Status	Not Applicable	Ignore	Build rule
	Confirmed	Ignore	Build rule

There is also a custom Rule Builder, which allows you to perform more advanced import options by selecting a Rule Type and a Rule Behaviour:

Rule Types:

If [import value] equals [entered value]	
If [import value] contains [entered value]	
If [import value] does not equal [entered value]	
If [import value] is empty	
If [import value] is not empty	

Rule Behaviours:

Map [import value] to selected field	
Map [custom value] to selected fields	

For example: In your CSV there is a team name called “falcons”, you may want to import this as “Mighty Falcons” instead and so use the Rule Builder to apply this to the import process.

Once you have finished mapping the data fields of the CSV to your Race Setting Data Fields, you can save this mapping set as a template that can be used for future import where the structure of the CSV file remains the same. This means that in the future you can upload a CSV file and then “Apply saved import template” that automatically create the mapping and import rules.

Once you are ready, you can click the Import button to initiate the import process. This may take some depending on the size of your file.

Add Participant:

If you need to manually add a new participant, you can click on the “Add participant” button. The Add Participant screen contains four tabs:

Participant Info	Personal Information regarding each participant Custom Race Setting Data Fields they you have created are displayed below the default entry fields. Required Fields are marked with an *																								
Course	<p>This section allows you to specify the</p> <ul style="list-style-type: none"> - Race Category - Race Sub-Category (if created) - Race Number - Team - Group (in the example above, this could be “Union”) - Sub-Group (in the example above, this could be “Club”) <p>You will need to add the participant to one, or a number of courses, by selecting the “Add Course” button.</p> <p>Here you can specify the:</p> <table border="1"> <tr> <td>Course</td><td>Specify a Race Course to assign to the participant</td></tr> <tr> <td>Batch</td><td>Allocate the participant to a Course Batch</td></tr> <tr> <td>Penalty Type</td><td>(No Awards, Time Penalty or Lap Penalty)</td></tr> <tr> <td>Penalty Description</td><td>Notes on the penalty (eg: reason)</td></tr> <tr> <td>Penalty Value</td><td>Penalty Value (Time is represented in seconds)</td></tr> <tr> <td>Category</td><td>Race Category</td></tr> <tr> <td>Sub Category</td><td>Race Sub Category</td></tr> <tr> <td>Race Number</td><td>Race Number</td></tr> <tr> <td>Start Order</td><td>If using Individual Starts, this is the start position</td></tr> <tr> <td>Points</td><td>Manual adding of points</td></tr> <tr> <td>State</td><td>Registered: Registered for the race Checked-In: Checked-in and actually racing DNS: Did not start DNF: Did not finish Disqualified: Disqualified Out of Race: MTB Team Stage racing specific</td></tr> <tr> <td>Activated</td><td>This will consume a timing credit and generate results for this participant. The participant will need to be checked-in” and “activated” for results to be displayed for this person.</td></tr> </table> <p>Note that whenever you make changes to a course, the fields are highlighted in Green which mean that they are now editable. You will need to save the course changes first by clicking on the save icon located at the right of each course.</p>	Course	Specify a Race Course to assign to the participant	Batch	Allocate the participant to a Course Batch	Penalty Type	(No Awards, Time Penalty or Lap Penalty)	Penalty Description	Notes on the penalty (eg: reason)	Penalty Value	Penalty Value (Time is represented in seconds)	Category	Race Category	Sub Category	Race Sub Category	Race Number	Race Number	Start Order	If using Individual Starts, this is the start position	Points	Manual adding of points	State	Registered: Registered for the race Checked-In: Checked-in and actually racing DNS: Did not start DNF: Did not finish Disqualified: Disqualified Out of Race: MTB Team Stage racing specific	Activated	This will consume a timing credit and generate results for this participant. The participant will need to be checked-in” and “activated” for results to be displayed for this person.
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Activated	This will consume a timing credit and generate results for this participant. The participant will need to be checked-in” and “activated” for results to be displayed for this person.																								
Vehicles	If the user has multiple vehicles with different RFID Tags, then this section is used purely for reporting purposes.																								

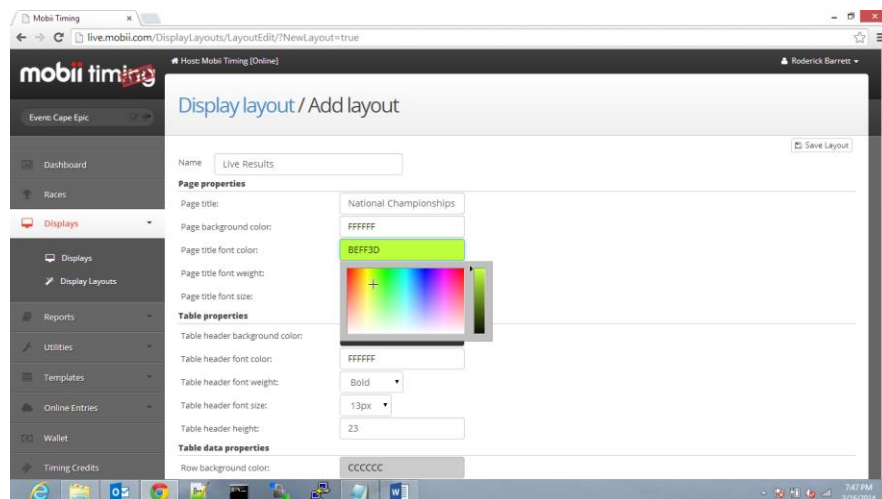
Tags	<p>These are the RFID tags assigned to the user. You can add multiple tags to a participant. You can also set the state on tags that are not in use by marking their state to</p> <ul style="list-style-type: none"> - Broken - Missing - Moved <p>You can also specify which vehicle the tag is allocated to, for reporting purposes.</p> <p>If you add a tag that has a pre-assigned race number, this race number will display automatically in the course information for the participant.</p>
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Displaying Results:

First create one or more individual Display Layouts and then link these Display Layouts to a Display.

Display Layout:

You are able to completely customise the styling of the display layout.



Configuring result display fields:

Select the data fields from the “Available Columns” that you would like to display on the results display layout. When you select a data field, a pop-up box will ask you to set the text for the Column Description, eg: “Course Position” could be abbreviated to “Course.Pos”. You can shift each column left or right, by clicking on the blue arrow next to each newly added data column.

AVAILABLE COLUMNS

Course Position	Cat. Position	Name	No.	Category	Time	Diff.	Gen.	Team	Team #	Surname	Cat. Diff	Sub Cat. Pos	Sub Category
Sub Cat. Diff	Course Name	Laps	Ave Speed	Time of day	Group Item	Lap Breakdown							

Course Position	Cat. Position	Name	Surname	Category	Time	Diff.
19	502	Sample data	Sample data	Sample data	06:23:44.4865	06:23:44.4866
302	603	Sample data	Sample data	Sample data	06:23:44.4865	06:23:44.4866
839	11	Sample data	Sample data	Sample data	06:23:44.4865	06:23:44.4866
229	468	Sample data	Sample data	Sample data	06:23:44.4865	06:23:44.4866
130	595	Sample data	Sample data	Sample data	06:23:44.4865	06:23:44.4866
505	670	Sample data	Sample data	Sample data	06:23:44.4865	06:23:44.4866
749	747	Sample data	Sample data	Sample data	06:23:44.4865	06:23:44.4866
907	662	Sample data	Sample data	Sample data	06:23:44.4865	06:23:44.4866
479	331	Sample data	Sample data	Sample data	06:23:44.4865	06:23:44.4866
381	287	Sample data	Sample data	Sample data	06:23:44.4865	06:23:44.4866
284	877	Sample data	Sample data	Sample data	06:23:44.4865	06:23:44.4866
606	619	Sample data	Sample data	Sample data	06:23:44.4865	06:23:44.4866
506	444	Sample data	Sample data	Sample data	06:23:44.4865	06:23:44.4866
186	295	Sample data	Sample data	Sample data	06:23:44.4865	06:23:44.4866
189	67	Sample data	Sample data	Sample data	06:23:44.4865	06:23:44.4866
197	645	Sample data	Sample data	Sample data	06:23:44.4865	06:23:44.4866
103	319	Sample data	Sample data	Sample data	06:23:44.4865	06:23:44.4866
362	408	Sample data	Sample data	Sample data	06:23:44.4865	06:23:44.4866

If you intend paging the results, you can specify the default number of rows applicable to this layout. By default this is set to “Display All”.

Display:

Once you have created a Display Layout, you can now assign one or more layouts to a new Display.

Name	The name of this Display
Mode	Single – Displays one layout only Split Screen – Allows you to select more than one Display Layout on the same Display in a split screen format Rotating – Allows you to display multiple display layouts and set the rotation time between each display layout.
Layout	When adding a new Display Layout to a Display, select from this dropdown

Each Display allows you to select filter options for each Display Layout.

Display details

Name: Live Results TV1

Mode: Single

Add Layout: Default Live Display Add

Default Live Display

Settings

Refresh interval: 10

Records per page: 10

Show filter options ☒

☐ Race

☒ Course

☐ Course Leg

☐ View Type

☒ Category

☐ Sub Category

☒ Gender

☐ State

☐ Group Set

☐ Bib number

☐ Show alternative overall

Default filters

Race: October 2013

Course: 25km

Default sort orders

Course Position: Asc

Filter Options: When enabled, you can select the data fields by which users can filter the results by.

Default Filters: This will be the first set of data displayed in the results when displayed. Usually you can set this to a specific Race Course relevant to the day.

Default Sort Orders: This allows you to customise how the results are displayed. Eg: Overall results may display by Course Position (Ascending), while live results may display by Time-of-Day (Descending) to each participant's time at the top of the results as they come over the finish line.

Once you have created your display, you can choose to either “Save and Preview Display” or “Save and Close Display”. If you want to create an iFrame on your website that displays these results, then you can opt to “Save and Preview Display”.

When this is selected, you can specify the display properties as well as whether the display should link to photo finish images of each participant and whether the results should auto-refresh to update in real time.

At the bottom of this Preview page there are two buttons:

Generate Quick Link: Creates a hyperlink to the results stored on your cloud service.

Generate iFrame Link: Creates an iFrame link to the results stored on your cloud service which can be display directly in a web page that you create on your website. You can provide this to your web developer in order to seamlessly load results on your web page.

System Administration

The System Administration section allows you to control the Access Rights and Roles of Users.

This allows you to control the structure of Users. Eg: You can have dedicated Data Capturers at registration and have their access rights set strictly for this purpose and at the same time have a select number of advanced Users that can create and edit race profile information by providing those users with more rights to the system.

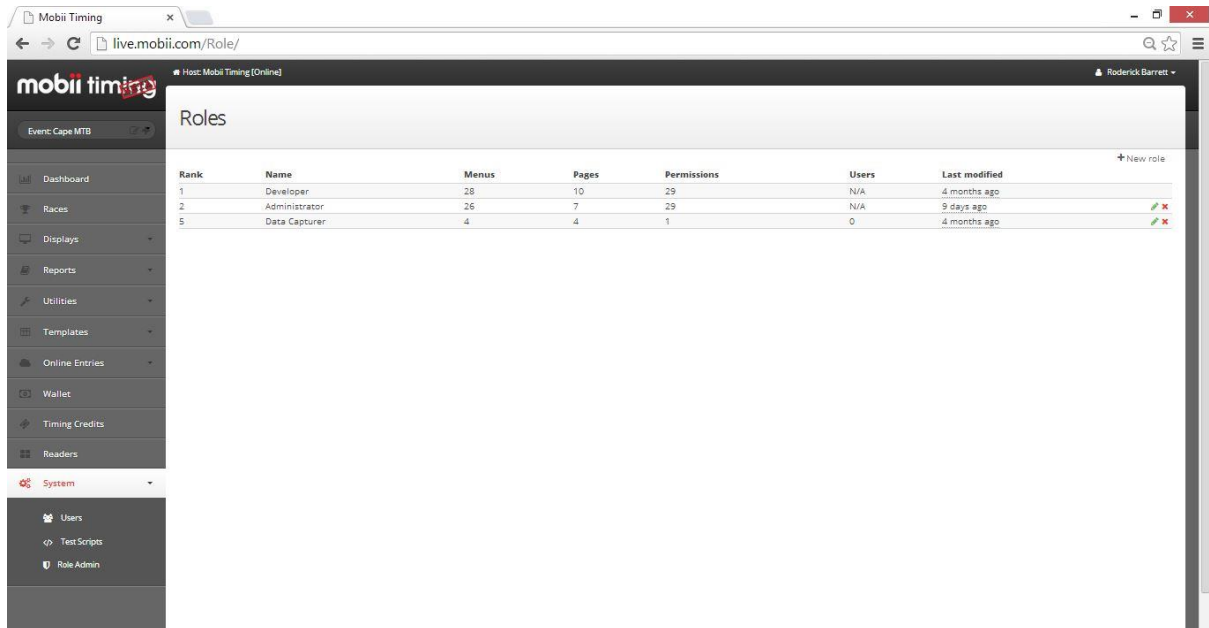
In the Role Admin section, you will see an overview of the Roles in the system which displays a summary of the Access Rights to Menu's, Pages and Permissions available to each User Role as well as the actual number of Users assigned to each Role.

When creating a new Role, you are presented with four tabs representing the following configurable permissions for this User Role:

Details	The name and rank of this Role
Menu Items	<p>You can select which menu Items the User will be able to see when they log into the system</p> <p>Eg: You can prevent a Data Capturer from viewing your wallet and financial transactions by deselecting the Wallet and Timing Credit menu items from their User Role</p>

Pages	You can select the pages that the User will be able to see when they log into the system
Permissions	You can specify the permissions available to the User. Eg: You can prevent a User from making any changes to the Race profile by deselecting the permissions under the “Races” submenu option.

You can now create a new User and assign a Role to this User. Remember that you can edit the Role of a User at any time.



Readers

Physical Readers include the Mobii Timing Pods which you have available and Virtual Readers include the Visual Coding Software.

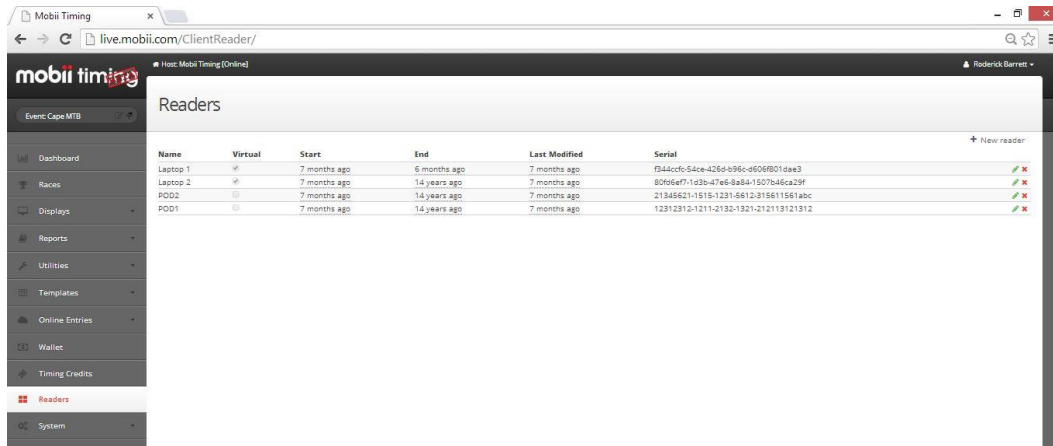
The Reader section allows you to list available physical and virtual readers employed in your timing profile. This becomes important when setting up your Course Legs in a Race Course, where you can specify the role of each Mobii Timing Pod or Visual Coder used in your Race.

When setting up a Race Course, you may have several Mobii Timing Pods used on course, by defining the Readers in this section you are able to then specify how the timing pods will act when each participant passes by the Pod.

For example, you may have a Mobii Timing Pod called “Mobii 1” in the Reader section. In the Race Course settings, you could add a Course Leg and set the Course Leg as a Checkpoint and include “Mobii 1” as the reader. This means that when the participants pass the “Mobii 1” timing pod during the race, it will create checkpoint data from their RFID tag reads.

Similarly, by naming your timing pods you can specify which Pods would be used at the finish line.

Note, that you can also name Virtual Readers (Visual Coder Software) and use these in exactly the same way as the timing pods. Please see the Course Leg section for more information.



Name	Virtual	Start	End	Last Modified	Serial	
Laptop 1	✓	7 months ago	6 months ago	7 months ago	f344ccdf-54ce-426a-b96c-d606b01dae3	✓ X
Laptop 2	✗	7 months ago	14 years ago	7 months ago	80f66e7f1a3b-47e6-8a8a-1507b4dca29f	✓ X
PDD2	✗	7 months ago	14 years ago	7 months ago	21346621-1515-1231-6612-315611561abc	✓ X
PDD1	✗	7 months ago	14 years ago	7 months ago	12312312-1211-2132-1321-212113121312	✓ X

Wallet

The screenshot shows the Mobii Timing Wallet interface. On the left is a sidebar menu with options: Dashboard, Races, Displays, Reports, Utilities, Templates, Online Entries, Wallet (selected), Timing Credits, Readers, and System. The main content area is titled 'Wallet' and displays a 'TRANSACTIONS' table. The table has columns for Date, Description, User, Status, and Value. The transactions list includes various 'Online entry service fee' and 'Mobii Timing Wallet TopUp' entries. To the right of the table, there is a 'Your balance' section showing 'R 337.72' and a 'Last balance update' section showing '2014-03-13 13:28:49'.

Date	Description	User	Status	Value
4 days ago	Online entry service fee [Order: 14]	Payment Gateway	Authorized	R -2.28
4 days ago	Online entry [Order: 14]	Payment Gateway	Authorized	R 2.00
9 days ago	Online entry [Order: 12]	Payment Gateway	Authorized	R 2.00
9 days ago	Online entry service fee [Order: 12]	Payment Gateway	Authorized	R -2.00
9 days ago	Online entry [Order: 11]	Payment Gateway	Authorized	R 2.00
9 days ago	Online entry service fee [Order: 11]	Payment Gateway	Authorized	R -2.00
9 days ago	Online entry [Order: 9]	Payment Gateway	Authorized	R 4.00
9 days ago	Online entry service fee [Order: 9]	Payment Gateway	Authorized	R -2.00
9 days ago	Online entry [Order: 8]	Payment Gateway	Authorized	R 3.00
9 days ago	Online entry service fee [Order: 8]	Payment Gateway	Authorized	R -2.00
9 days ago	Online entry [Order: 4]	Payment Gateway	Authorized	R 3.00
9 days ago	Online entry service fee [Order: 4]	Payment Gateway	Authorized	R -2.00
9 days ago	Online entry service fee [Order: 3]	Payment Gateway	Authorized	R -2.00
9 days ago	Online entry [Order: 3]	Payment Gateway	Authorized	R 6.00
2 months ago	Mobii Timing Wallet TopUp	Michael Thacker	Declined	R 45.00
2 months ago	Mobii Timing Wallet TopUp	Michael Thacker	Declined	R 100.00
3 months ago	Mobii Timing Wallet TopUp	Brendan Hayden	Authorized	R 50.00
3 months ago	Mobii Timing Wallet TopUp	Brendan Hayden	Authorized	R 10.00
3 months ago	Mobii Timing Wallet TopUp	Brendan Hayden	Authorized	R 10.00
3 months ago	Mobii Timing Wallet TopUp	Brendan Hayden	Authorized	R 10.00
3 months ago	Mobii Timing Wallet TopUp	Brendan Hayden	Authorized	R 100.00
3 months ago	Mobii Timing Wallet TopUp	Brendan Hayden	Authorized	R 50.00
3 months ago	Mobii Timing Wallet TopUp	Brendan Hayden	Authorized	R 100.00

The Wallet is used to purchase Timing and SMS credits. If you are using the online entry system to process credit card transactions, then these payments will be added to your Wallet.

The Wallet will show your available balance as well as a list of your transaction history.

You can top up your wallet by clicking on the Top-up button and entering the amount with which you would like to top-up from a credit card. Once the transaction has been approved, the amount will reflect immediately in your Wallet.

At any time you can transfer funds from the Wallet into your bank account.

The screenshot shows the Mobii Timing Wallet / TopUp interface. The sidebar menu is the same as in the previous screenshot. The main content area is titled 'Wallet / TopUp' and displays the 'Your current balance' as 'R 337.72'. Below this, there is a 'Credit Card Number' field with a dropdown menu set to 'New card'. There is also a 'TopUp Amount' input field and a 'Purchase' button. At the bottom, there are logos for MasterCard, Maestro, and VISA Virtual.

Timing Credits

The Timing Credits menu option will display the amount of available Timing Credits. It is important to keep track of this balance as if you run out of credits you will not be able to display race results.

The screenshot shows the 'Timing Credits' page in the Mobii Timing web application. The left sidebar contains a menu with options: Dashboard, Races, Displays, Reports, Utilities, Templates, Online Entries, Wallet, Timing Credits (highlighted), Readers, and System. The main content area is titled 'Timing Credits' and includes a 'Host: Mobii Timing [Online]' header. Below the header, there are two tables: 'RESERVED ALLOCATIONS' and 'TRANSACTIONS'. The 'RESERVED ALLOCATIONS' table has columns for Date, Race, Token, and Value. The 'TRANSACTIONS' table has columns for Date, Description, and Value. To the right of the tables, there is a 'Your balance' section showing '0 Credits' and a 'Last balance update' section showing the date '2013-12-30' and time '2013-12-30 09:29:05'.

You can Top-Up with Timing Credits with two options:

- From your wallet
- From a pre-purchased token (in case your wallet has no funds and you do not have access to the internet, you can call our support line to receive a token)

The screenshot shows the 'Timing Credits / TopUp' page in the Mobii Timing web application. The left sidebar is the same as the previous screenshot. The main content area is titled 'Timing Credits / TopUp' and includes a 'Host: Mobii Timing [Online]' header. Below the header, there is a 'Your balance' section showing '0 Credits'. Below this, there are two radio buttons: 'Redeem pre-purchased token' and 'Purchase from wallet' (selected). Below the radio buttons, there is a text input field for 'TopUp Credits' with the value '50'. Below the input field, there is a 'Purchase' button. The text '(Current timing credit price: R 5.00)' is displayed below the input field.

Templates:

To communicate with your participants, you can use both SMS messaging (at a cost per SMS), or Email (Free).

SMS Templates:

Name	In certain countries and with mobile operators that support this feature, a custom alphanumeric name can be entered which will be displayed on the participants phone as the sender of the message
From Number	In certain countries and with mobile operators that support this feature, a custom number can be displayed on the participants phone as the sender of the message
Template	Specify the message content and click on the “Fields” below to enter information derived from the Race
Fields	These are the auto-populated fields which can be added to the message template
Warn when merges SMS greater than 1 SMS	When enabled, this will alert you to when a message length of one SMS is exceeded. Even if your message template is within 160 characters, when sending it will calculate the length of the actual SMS based on the populated Fields and determine which messages will require more than one SMS credit. At this point you can then deselect certain messages, or continue to send those specific messages with two SMS credits.

You can create and save SMS templates for quick future use.

The screenshot shows the 'Edit SMS Template' page in the Mobii Timing web application. The browser address bar shows the URL: `live.mobii.com/SMS/TemplateEdit?SMSTemplateId=22979718-4054-4734-98b2-a8cf945daabf`. The page has a dark sidebar on the left with navigation links: Dashboard, Races, Displays, Reports, Utilities, Templates (selected), SMS Templates, Email Templates, Groups, Online Entries, Wallet, Timing Credits, and Readers. The main content area is titled 'Edit SMS Template' and includes the following fields:

- Name ***: A text input field containing 'Entry welcome'.
- From number**: A text input field with a placeholder text: 'Leave blank to come from a 'generic' number'.
- Template**: A large text area containing the message: 'Hi [FirstName] [LastName], you entered [RaceName], we look forward to seeing you on [RaceStart]. Any queries, contact the office on [ClientContactNumber]'.
- Fields**: A section showing 'Available Template Fields' as a row of buttons: [FirstName], [LastName], [RaceName], [RaceStart], [EventName], [ClientName], [ClientContactNumber], and [ClientEmail].
- Warn when merged SMS is greater than 1 SMS**: A checkbox that is currently checked.
- Save sms template**: A button at the bottom.

A status bar at the bottom of the template area indicates '7 characters remaining [1 message]'.

Email Templates:

You can also create and send free bulk emails to participants.

Name	The sender name of the email
From Address	From Address of sender
HTML Template	<p>You can construct an HTML version of an email and include auto-populated fields to your message.</p> <p>Note that if images are added to an email, the need to be hosted online before they are linked to your email template. Mobii currently does not support image uploads for email use.</p>
Plain Text Template	If you want to send a plain text version of the email, then you can create the template in this section and include auto-populated fields to your message.

The screenshot shows the 'Edit Template' page in the Mobii Timing web application. The browser address bar shows the URL: `live.mobii.com/Email/TemplateEdit?EmailTemplateId=9ab44caf-3f54-470b-9235-045ec2496592`. The page has a dark sidebar on the left with navigation links: Dashboard, Races, Displays, Reports, Utilities, Templates (selected), SMS Templates, Email Templates, Groups, Online Entries, Wallet, Timing Credits, and Readers. The main content area is titled 'Edit Template' and includes the following sections:

- * Required fields**
 - Name ***: A text input field containing 'Entry template'.
 - From address ***: A text input field containing 'bhayden@mobii.com'.
- HTML Template**: A rich text editor with a menu bar (File, Edit, Insert, View, Format, Table, Tools) and a toolbar. The editor contains the following text:

File Edit Insert View Format Table Tools

Formats B I [List Icons]

[FirstName] [LastName] [RaceName] [RaceStart] [EventName] [ClientName] [ClientContactNumber] [ClientEmail]

Hello [FirstName] [LastName],

You have successfully entered [RaceName] that will start on [RaceStart].

If you have any queries, please contact our office on [ClientContactNumber] or email us at [ClientEmail].

Kind regards,
Wild Timing
- h2**: A text input field at the bottom of the editor.

Utilities: This section will be expanded with new functionality over time and currently supports the following functionality:

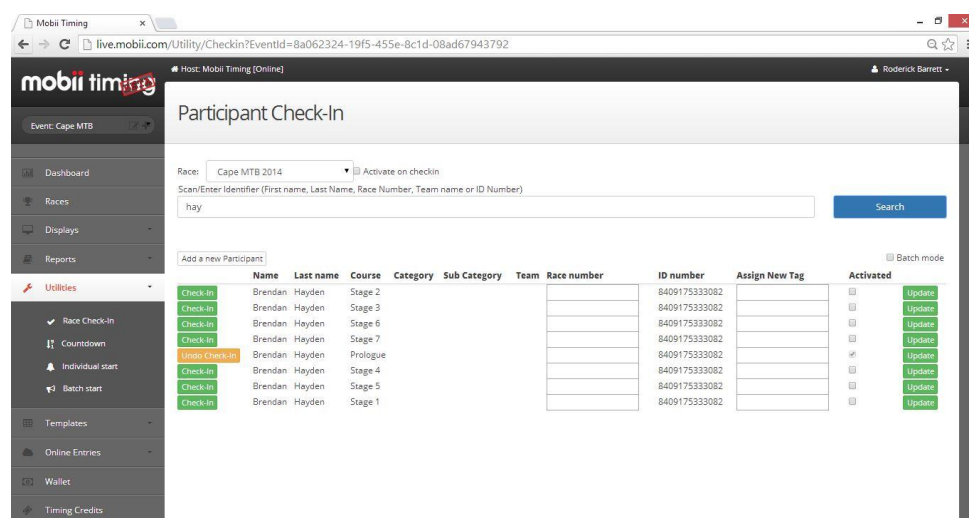
Race Check-In

This is used for Quick Check-In at an event. You can search for a participant by typing in partial characters of:

- First Name
- Last Name
- Race Number
- Team Name
- ID Number

This will locate the person and you can quickly Check the person in and activate them. If you are using the Mobii Timing Pod and issuing RFID tags, then you can quickly assign a new tag to the person using a barcode scanner.

There is also an option to quickly add a new participant.



Countdown

This screen allows you to:

- ## Countdown Starts

Race:

Cape MTB 2014

Course:

Prologue

Interval:

30

Category Interval:

30

Start type:

☒ Individuals

☐ Teams

Refresh starting list

Start

Current:

Start Now

Skip

Next up:

Order	Name	Category	Sub Category	Start time
-------	------	----------	--------------	------------

Individual
Start

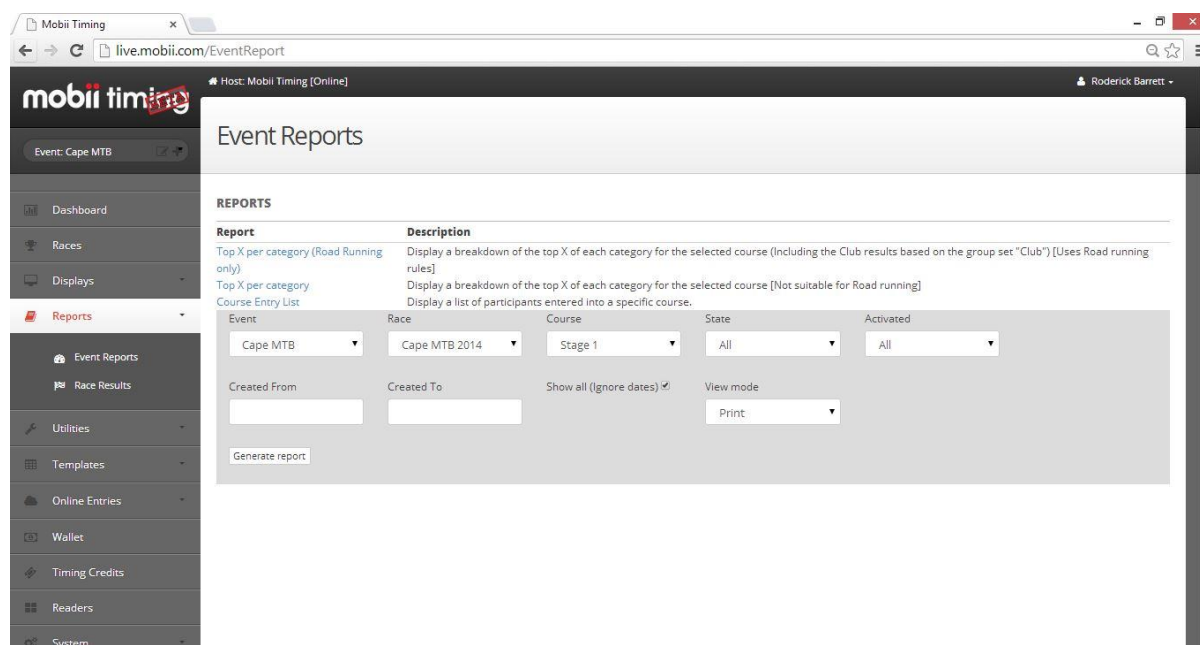
The screenshot shows the Mobit Timing web application. The browser's address bar displays the URL: live.mobit.com/Utility/IndividualStart?EventId=8a062324-19f5-458e-dc1d-08ad67943792. The page title is "Participant Start". A sidebar on the left contains navigation links: Dashboard, Races, Displays, Reports, Utilities, Race Check-in, Countdown, Individual start, Batch start, Templates, Online Entries, Wallet, and Timing Credits. The main content area includes a "Race:" dropdown menu set to "Cape MTB 2014", a label "Scan/Enter Identifier (First name, Last Name, Race Number, Team name or ID Number)", an input field containing "hayden", and a blue "Search" button. Below this is a table listing participants.

Start time	Name	Last name	Course	Category	Sub Category	Team	Race number	ID number
1970-01-01 02:00:00.0f	Brendan	Hayden	Stage 2					8409175330082
1970-01-01 02:00:00.0f	Brendan	Hayden	Stage 3					84091753330082
1970-01-01 02:00:00.0f	Brendan	Hayden	Stage 6					84091753330082
1970-01-01 02:00:00.0f	Brendan	Hayden	Stage 7					84091753330082
1970-01-01 02:00:00.0f	Brendan	Hayden	Prologue					84091753330082
1970-01-01 02:00:00.0f	Brendan	Hayden	Stage 4					84091753330082
1970-01-01 02:00:00.0f	Brendan	Hayden	Stage 5					84091753330082
1970-01-01 02:00:00.0f	Brendan	Hayden	Stage 1					84091753330082

Reports

The reporting section will be expanded significantly over time. Currently there are three dynamic reports which can be generated:

Top X per category (Road Running only)	Display a breakdown of the top X per category for the selected course. This has been modified specifically for Road Running
Top X per Category	Display a breakdown of the top X per category for the selected course
Course Entry List	You can display a detailed list of participants entered into a specific course. You can apply various filters to this search.



Mobii Timing Software Installation

The Mobii Timing install packages are online and available for download.

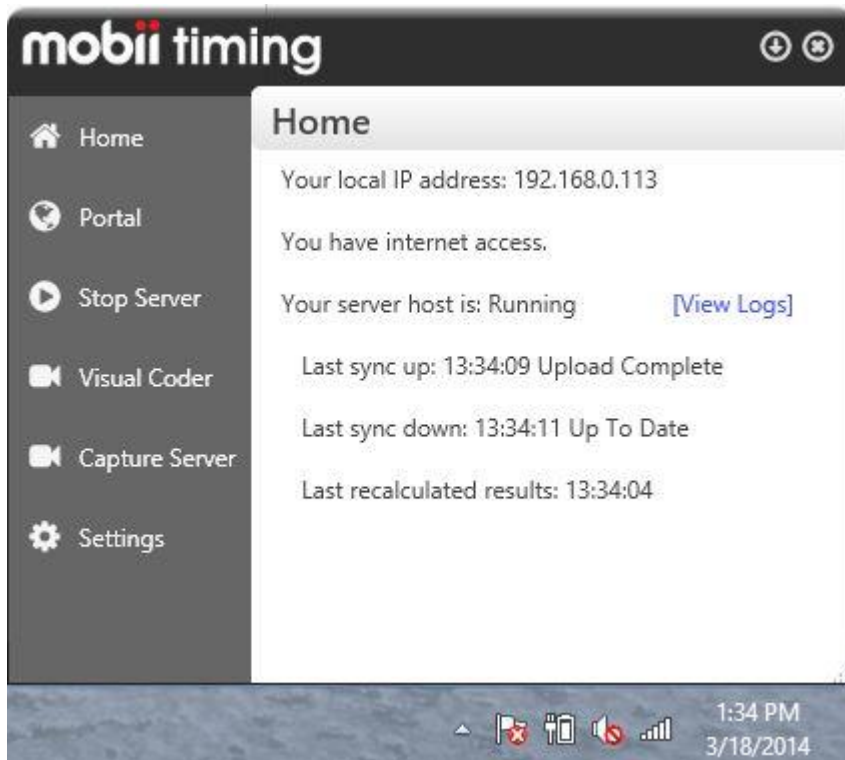
First time installation of the Mobii Timing Software

- <http://www.mobii.com/files/timing/MobiiTimingNewInstall.exe>
 - This one is a 'fresh' install for a machine that has never had Mobii Timing installed on it (This install package contains all the dependencies, etc. required to run Mobii Timing)
 - Steps to install:
 - Download the install package
 - Run the install package, leave all settings as defaulted and follow the prompts
 - Once it has finished, it will try to run the Mobii Timing Control Centre
 - If it fails to run and requests that .Net 4.5 is installed, then the user will need to manually install .Net 4.5, this install is available in the C:\MobiiTiming\Dependancies folder. The file is called dotNetFx451-KB2858728-x86-x64-AllOS-ENU.exe, the user can just double click on this item and follow the prompts.
 - Once the .Net 4.5 install is complete, the user may execute the Mobii Timing Control centre by going to the C:\MobiiTiming\Control folder and double clicking on "MobiiTiming.Control.exe"
 - Once Mobii Timing Control centre is open, click on "Settings" then click on "Install Dependencies", this will ensure that all dependencies are installed that we require to run the software.

Updating your Mobii Timing Software

- <http://www.mobii.com/files/timing/MobiiTimingUpdate.exe>
 - This one is to update an existing install, this one does not contain any dependency installs (The reason why it is so much smaller in size)
 - Steps to install:
 - Download the install package
 - Ensure that Mobii Timing Control Centre is not running in the system tray, if so, double click on the Mobii icon to open it, then click on the "X" at the top right of the window to close the program.
 - Run the downloaded install package, leave all the setting as defaulted and follow the prompts.
 - Once installed, it will re-launch the Mobii Timing Control Centre

Menu Options



Home	This will display status information
Portal	<p>If your Server is running, then it will connect you to the web based control panel of the host.</p> <p>If your server is stopped, it will re-direct you to http://live.mobii.com if you have an internet connection</p>
Start/Stop Server	This will start/stop the Host Server. The Host server is the “engine” that calculates results
Visual Coder	This will run the Visual Coder Software and allow you to video code participants live or after the race
Capture Server	This will run the Video Capture Server that records video and streams this to Visual Coder clients that connect
Settings	This displays an installer button that you can use to install all the dependency files required to run either the Host Server, Capture Server or Visual Coder

Starting and Running the Mobii Timing System locally

The following steps are required in order to run the Mobii Timing System locally on your computer:



1. Start your Server (you can think of this as the race “engine” that calculates results, displays participant info, etc)
2. Click on the “Portal” button. This opens up a web browser and redirects you to your portal login page. It allows you to download data from your cloud service and begin working with this locally on your computer). Any changes made to your data while working on your local computer will synchronise with your online data automatically when there is an internet connection.

At this stage you can now make registration and event configuration changes. If you have an active internet connection, any changes made will synchronise automatically to your online profile. Likewise, any changes another user makes on the system, will update live on your side locally.

Downloading, or adding a new Race

Working locally, you can select the event you would like to work with from the event selection dropdown on the top left of your portal.

When you view the “Races” page, a list of the currently downloaded Races will be listed. If you do not see any races on this screen, you will need to download any races from your online cloud profile, or create a new race.

Event: Mobii Test / Races							
Name	Start	End	City	Closed	Coordinates	Last modified	Status
Test Race	+- 7 hours ago	14 years ago		<input type="checkbox"/>		+- an hour ago	Online  

You can “Check-Out” a Race by clicking on “Races” and selecting the “Check-in/Out” option. This will open the “Manage Races” screen and display a list of all the races linked to this event that are stored on your online cloud profile. You need to select the races that you would like to work with locally and click the “apply” button to download the Race to your local server.

Manage Races					
Event	Race	Online modified	Online status	Local modified	Local status
<input type="checkbox"/> Mobii Test	Test Race	+- an hour ago	Online	+- 3 hours ago	

This will download the selected races as well as all their participant data to your local server so that you can work offline if required.

To check the download status, you can view the “Home” screen of the Mobii Timing System Software that displays status information.

If no race has been created for the selected event, you can add a new race to your event from the “Races” screen and clicking on “Add Race”. Once the race has been configured and saved, it will automatically synchronise to your online cloud profile when you have an active internet connection.