

FIRST ACCESS

1. The first thing to do after purchasing your developer subscription, if you are not already a MyWakes user, is to register on MyWakes Platform: www.mywakes.com/Login.aspx.
2. Then click on “New User” link that you find on that page.

FILL THE FORM

1. You will be redirected to the “NEW USER” form; here you have to enter some data like **username**, **password**, a valid **email address** and choose a **security q/a** in case you lose your password and have to reset it.
2. Then you must enter the **same IMEI code** you registered on MyWakes e-Shop.
3. Last, but not least, accept our **privacy policy**.
4. By clicking **Create User** button you will receive an “welcome email”: please remember to confirm your email address by clicking the link you will find in the email, in the next 24 hours, otherwise you will not be able to login.
5. Now, you will be able to login into MyWakes simply surfing to www.mywakes.com/Login.aspx.

NEW USER

After completing the below wizard, you will be sent an email to the address entered here. You cannot login until you receive the email and follow the instructions.
If you don't receive our email, please check your antispam filter and make sure you can receive emails from mywakes.com.

User Name:

Password (min 7 char):

Confirm Password:


E-Mail:

This will enable you to change your own password even if you have forgotten the original one. Choose a security answer that's easy for you to remember.

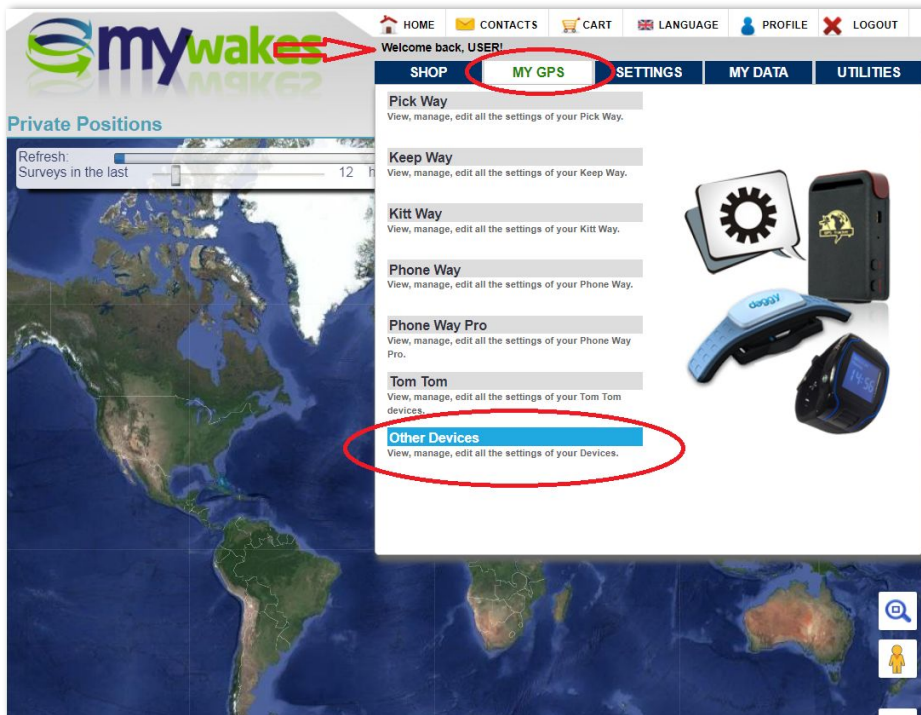
Security Question:

Security Answer:

Enter the IMEI code indicated on your device.

IMEI code: 

I have read and agree to the [personal data processing conditions](#)
 I give my consent for commercial information initiatives and / or advertising
 I have read and agree to the [terms and conditions for sales and service supply](#)
 I have read and agree to the [ex art. 1341 e 1342 C.C. clauses](#)
 I have read and agree to the [use terms and conditions](#)
 I have read and agree to the [ex art. 1341 e 1342 C.C. clauses](#)

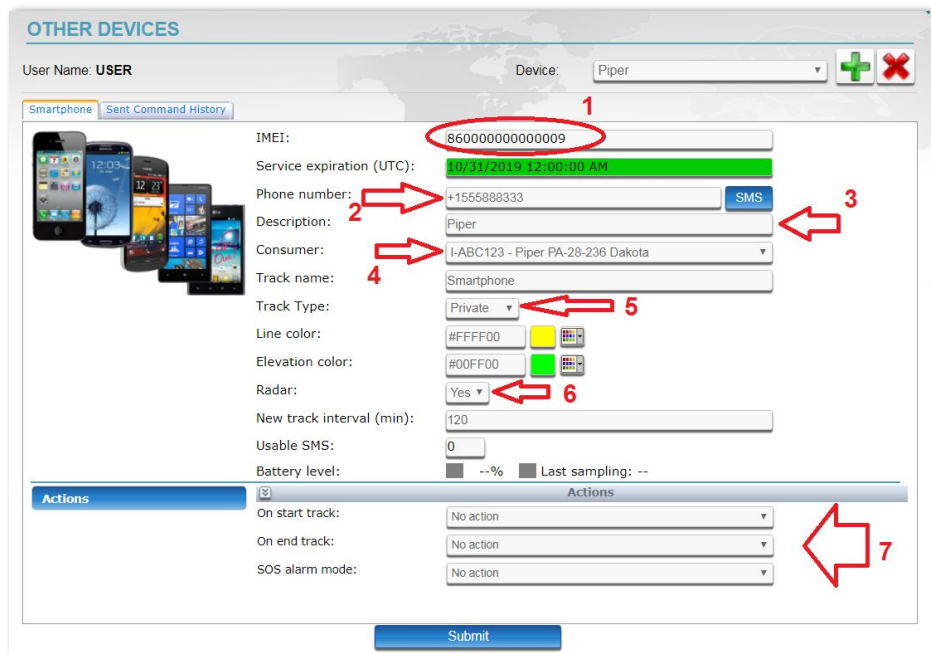


FIRST LOGIN

1. At you first login you will see your **username** on the top and a **World Map** in the middle: this map will show you a quick look of your tracked devices and its appearance can be customized in **Profile** menu.
2. The first thing to do is to setup your device setting so please go to **My GPS** menu and then click on **Other Devices**.

GPS FIRST SETUP

1. On the top you see the **IMEI (1)** of your device - this code will be used by MyWakes Platform to uniquely recognize your device.
2. On **Phone number (2)** field please write the phone number of the SIM card used by your device (with international prefix).
3. **Description (3)** can be anything useful to you to recognize the device.
4. **Consumer (4)** is the person or the vehicle associated to the device. You can create as many consumers you need by calling Rest APIs Consumers endpoints or using **Settings -> Consumers** menu.
5. Track name is the default name of each track created by the device while **Track Type (5)** sets the default track privacy (can be private - only its owner can view the track data, friends - the track is visible to the owner and his friends, or public).
6. Line color and Elevation color set the default color used to render the track on map (you can set later different settings on each track); **Radar (6)** sets if you want to see or not the device real time position on the map.
7. New track interval tells MyWakes that if a position's date comes "x" minutes after the previous position, MyWakes will automatically begin a new track.
8. SMS prepaid credit can be purchased on <http://shop.cedacsistemi.com/sms-and-voice-recharge>.
9. The battery level indicator shows the device battery level.
10. Actions, related to "On start track", "On end track", "SOS Alarm" events can be created and managed in **Settings -> Actions** menu.



OTHER DEVICES

User Name: USER Device: Piper

IMEI: 860000000000009

Service expiration (UTC): 10/31/2019 12:00:00 AM

Phone number: +1555888333 SMS

Description: Piper

Consumer: I-ABC123 - Piper PA-28-236 Dakota

Track name: Smartphone

Track Type: Private

Line color: #FFFF00

Elevation color: #00FF00

Radar: Yes

New track interval (min): 120

Usable SMS: 0

Battery level: --% Last sampling: --

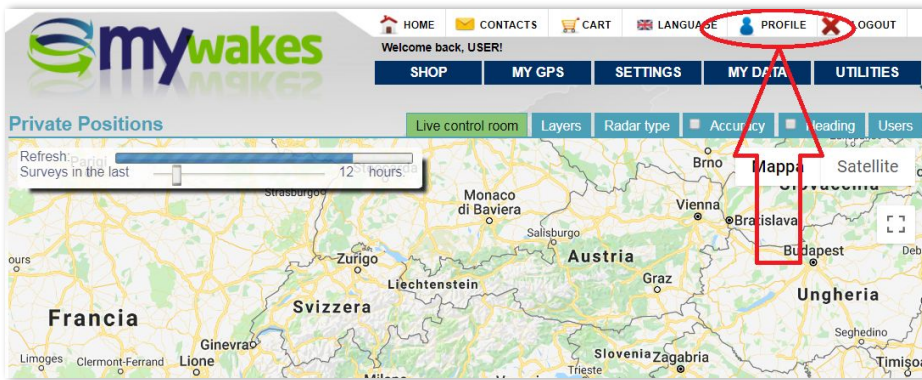
Actions

On start track: No action

On end track: No action

SOS alarm mode: No action

Submit



PROFILE SETTING

1. You can change many preferences simply by going to the **Profile Menu**.
2. Here you can find options now we will take a look at **Developer console**: the place where you can create and monitor you Apps.

DEVELOPER CONSOLE

DEVELOPER CONSOLE

From this page you can observe the Application k...

To develop your application on the MyWakes platform information, please visit the [developers website](#).

User Name: **USER**

ADD App **3**

App name: My App
Users mode: Private & MyWakes
Permissions: Tracking, Device, Positioning, Query, Consumer

Name	...	S
App Tutorial		19
IFTTT		928
TestDev		374
		2,321

Details

Description	Value
Application Id
Key
URL Rest API	https://cloud.mywakes.com/api/{version}/{controller}

1. Click on **Developer console (1)** on the left then click **Add App (2)** button.
2. The **Add App popup window (3)** will let you to give a **name** to your App, select if the **users created by your App** will be able to login into MyWakes or if they will be private and finally give some **permissions** to your App (permission will make your app able to call or not an endpoint; for the full list of endpoints (and their permissions) please check out the developer website documentation: <http://developer.mywakes.com/Documents/Rest-v10/Web-API-Rest-Introduction>).
3. By clicking the **Add** button you will see your just-created App in the **List (4)**. Now, by selecting ad App from the list (you can create as many App you want) the Developer console will show you some details in the bottom.
4. The most important attribute is the **Application Id (5)** that you will need in order to call MyWakes Rest APIs, along with the **URL Rest API** that is the base url to call.
5. Other data are statistics and calls history that you will use to debug your Apps.

Settings - Consumers

CONSUMERS

User Name: **USER** Rows per page: 10 Rows

Add consumer
 Edit consumer
 Delete consumer
 Set your device
 Show position
 QR Code

Call Sign	Description	Latitude	Longitude	GPS Time (UTC)	Antitheft
I-ABC123	Piper PA-28-236 Dakota	44.512000	10.010000	2/14/2019 4:11:04 AM	✔
I-XYZ123	Cessna 182T Skyline	42.594000	13.895000	2/14/2019 4:11:04 AM	✔

Consumers are “entities” that use GPS tracking devices. They can be vehicles, planes, persons and pets.

By adding a consumer you can set some generic properties like Name or radar description and some specific properties like length, gross weight and so on.

CONSUMER

Generic
Categories
Radar
Fuel tank

Call Sign:

Description:

Length:

Width:

Height:

Gross weight:

VIN:

Asset code:

External reference:

Submit
Cancel

CONSUMER

Generic
Categories
Radar
Fuel tank

Radar description:

Radar description color:

Background color: Renault Clio

Border color:

Antitheft radius (m):

Antitheft action:

Icon: Sports car

Submit
Cancel

Tracking and Consumer permission on MyWakes for Developer Website enable you to do the same directly from your App.

- Getting Started
- Rest v1.0 {...} </>
 - Web API REST Introduction
 - Web API REST Cloud Architecture
 - All endpoints list
 - Actions
 - Brands
 - Charts
 - Consumers
 - ConsumerTypes
 - Devices
 - Drivers
 - Geofences
 - Groups
 - Kmls

My Wakes Application Id 9 endpoints

consumers : Manage consumers

Show/Hide
List Operations
Expand Operations

GET	/api/v1.0/consumers	List of consumers	Tracking
POST	/api/v1.0/consumers	Creates a new consumer	Consumer
DELETE	/api/v1.0/consumers/{consumerid}	Deletes a consumer	Consumer
GET	/api/v1.0/consumers/{consumerid}	Returns a consumer	Consumer
PUT	/api/v1.0/consumers/{consumerid}	Updates a consumer	Consumer

Settings - Actions

ACTIONS						
User Name: USER				Rows per page: 10 Rows		
<div style="display: flex; justify-content: space-between;"> Add action Edit action Delete action </div>						
Description	!	Mail	Sms	Voice	Web	IFTTT
FALL Detection	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Track closed		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>
Engine Off - IFTTT						<input checked="" type="checkbox"/>
Engine On - IFTTT						
Low battery Alert email		<input checked="" type="checkbox"/>				
Mail		<input checked="" type="checkbox"/>				

Actions are triggered in case of an event like “Begin track” or “Fall detection” etc. A MyWakes Actions can be emails, SMSs, voice calls, webhooks and IFTTT tasks through [MyWakes IFTTT Service](#).

ACTION ITEM

Description:

Validity
 Mail
 SMS
 Voice
 Webhook
 IFTTT

Make voice calls:

Phone numbers:

Voice:

Language:

Send digits after connecting:

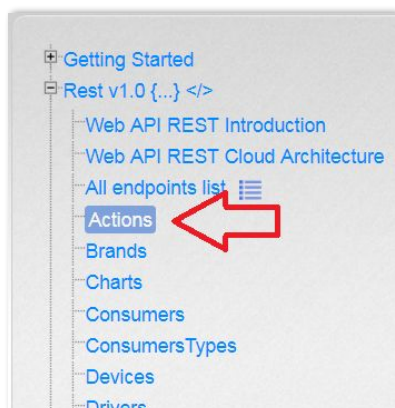
Message repeat:

Completion:

Message:

Every Action has multiple settings and every message can be enhanced with parameters that are valorised at real time when the action is executed.

All events can raise multiple actions and, as it happens for all others features, also actions can be managed with MyWakes Rest APIs thanks to [Actions permission](#).



My Wakes Application Id		(required)	8 endpoints
actions : Raise and manage custom actions			
GET	/api/v1.0/actions	List of actions	Action
POST	/api/v1.0/actions	Creates a new action	Action
DELETE	/api/v1.0/actions/{actionid}	Deletes an action	Action
GET	/api/v1.0/actions/{actionid}	Returns an action	Action
PUT	/api/v1.0/actions/{actionid}	Updates an action	Action

Settings - Geofences

GEOFENCES

User Name: **USER** Consumer filter: All consumers Rows per page: 10 Rows

Add geofence
 Edit geofence
 Delete geofence
 Send geofence

A	D	3D	Title	E	D	L	D
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Path from CEDAC Castiglione to Casalecchio			<input checked="" type="checkbox"/>	1
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Path from office to office in Casalecchio	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Bologna airspace				
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Three Dimensional Geofence				
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Work Parking				

MyWakes geofences are virtual areas like square, rectangle, circle, path, polyline even in 3D (useful for airplanes).

When one or more geofences are enabled, MyWakes checks every point coming from the GPS and, depending on each geofence rule, MyWakes will raise or not the corresponding alarm.

GEO FENCE ITEM

General | Zone | Consumers | Actions | Summary

Color	Type	Min	Max	Gap
	Route			100
	Circle			
	Circle			

Every Geofence can be activated or deactivated for each and any consumer.

Geofences have many settings and all these options are also provided along with MyWakes Rest APIs when using [Geofence Permission](#).

Because of its complexity **geofences interface is provided through our Rest APIs also as IFrame** so that the developer does not need to write a single Javascript line of code.

- All endpoints list
- Actions
- Brands
- Charts
- Consumers
- ConsumersTypes
- Devices
- Drivers
- Geofences
- Groups

My Wakes Application Id 11 endpoints

geofences : Create and handle virtual perimeters Show/Hide | List Operations | Expand Operations

GET	/api/v1.0/geofences	List of geofences Geofence
POST	/api/v1.0/geofences	Creates a new geofence Geofence
DELETE	/api/v1.0/geofences/{geofenceid}	Deletes a geofence Geofence
GET	/api/v1.0/geofences/{geofenceid}	Geofence detail Geofence
PUT	/api/v1.0/geofences/{geofenceid}	Update a geofence Geofence
DELETE	/api/v1.0/geofences/{geofenceid}/consumers/{consumerid}	Disables a consumer's geofence Geofence