



User documentation

Mobii

Geoffrey Aubert - geoffrey1.aubert@epitech.eu
Nicolas De-Thore - nicolas.de-thore@epitech.eu
Camille Gardet - camille.gardet@epitech.eu
Sebastien Guillerm - sebastien.guillerm@epitech.eu
Nicolas Laille - nicolas.laille@epitech.eu
Pierre Le - pierre.le@epitech.eu
Clement Morissard - clement.morissard@epitech.eu



Today, the smartphone market is booming, the number of model continues to grow and EVERY companies use its own platform for his product.

The user possess multiple telephone, or who have purchased a newer model but a different brand of its old model must juggle with the various softwares offered by manufacturers to manage the data in its phones.

Mobii offers these users a **single tool**. It may easily synchronize data, make backups, transfer its library from one phone to another one.

But not only! The user can also do without the phone when it is on his computer. The application *Mobii* on computer will receive and make calls, send and receive SMS via the phone.

Similar applications exist, but they are not cross platform or functionality limited, outdated or not updated since a while.

This document describes in detail the use of *Mobii* applications and their functionalities, to a neophyte user or not.



Document's description

Title	EIP 2014 - User documentation
Date	16th of January 2014 (01/16/2014)
Author	Mobii group
Manager	Nicolas Laille
E-mail	mobii_2014@labeip.epitech.eu
Subject	User documentation of Mobii project
Version	Final

Version's table

Date	Author	Version	Comments
03/21/2013	Group	1.0	Document creation
05/29/2013	Group	3.0	Modification and merge
07/15/2013	Group	4.0	Modification and merge
10/20/2013	Group	5.0	Modification and merge
12/21/2013	Group	6.0	Modification and merge
01/16/2014	Group	Final	Modification and merge



Contents

1	Mobii Client	3
1.1	Welcome to Mobii!	3
1.2	Installation	3
1.3	Home screen	3
1.4	Establish a connection to the Mobii server	4
1.5	Mobile informations tab	5
1.6	SMS tab	5
1.7	Agenda tab	6
1.8	Contacts tab	6
1.9	Configuration	7
1.9.1	General tab	7
1.9.2	Network	8
1.9.3	SMS	8
2	Mobii smartphone applications	10
2.1	Connect the app	10
2.2	Disconnect the app	11
2.3	Passcode	11
2.4	Authorizations	11
2.5	Devices information	11
2.6	Unique Identifier (UID)	12
2.7	Settings	12
2.7.1	Reset the user-defined passcode on iOS	12
2.8	Background App Refresh on iOS	13



Chapter 1

Mobii Client

1.1 Welcome to Mobii!

Congratulations for downloading Mobii. With Mobii, your phone's datas are within easy reach, anytime, anywhere.

This quick manual will explain you how to make the best of the Mobii Client Application.

1.2 Installation

The Mobii client application doesn't require any specific installation procedure. You only have to run the executable file in order to benefit all of the features offered by Mobii.



Figure 1.1: Mobii application file

1.3 Home screen

Once the application is started, the home screen will be shown.

The main window contains three main areas:

- **Status Bar**

This area displays the current connection status with the Mobii server and with your cellphone. If the bar has a red background, it usually means there is a problem with the network connection or that no connection has been established. If the bar is green, you are connected.

A “Connect” button is also available on this bar; it allows you to establish a connection with the server.

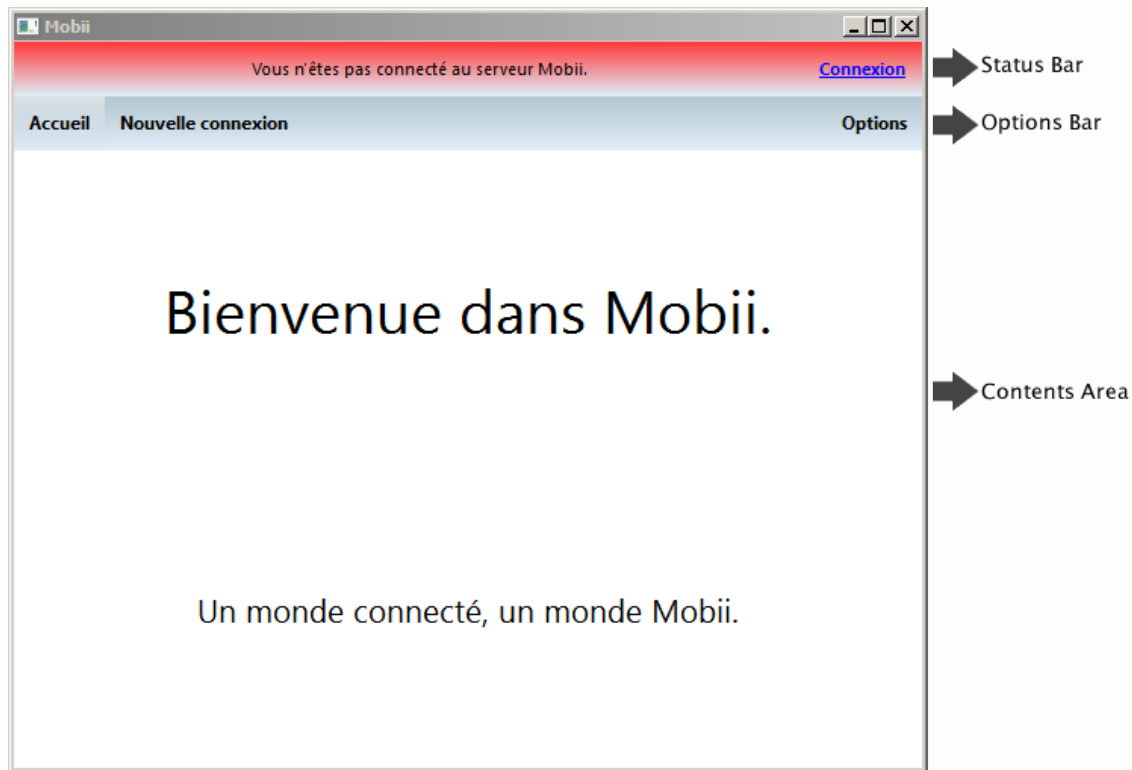


Figure 1.2: Mobii home screen

- **Options Bar**

The application's core features are shown here. They will notably help you to configure new connections or to configure the application's settings.

Once you are connected, new buttons will appear, matching the set of features supported for your very own phone.

- **Contents Area**

The Contents Area displays contents related to the feature you have selected in the Options Bar.

1.4 Establish a connection to the Mobii server

In order to connect to the Mobii server, click on the “Connect” button on top of the window, in the Status Bar.

The following window presents the contents of the Login window:

From this window, you can specify your login credentials in order to connect to the Mobii server.

Once you write your user name and your password, simply click on the “Connect” button.

If you have changed your mind and decided not to connect right now, just click on the “Cancel” button.

In case something went wrong, a dialog will briefly explain what happened. Otherwise, a dialog will notify you that the connection process was successful.

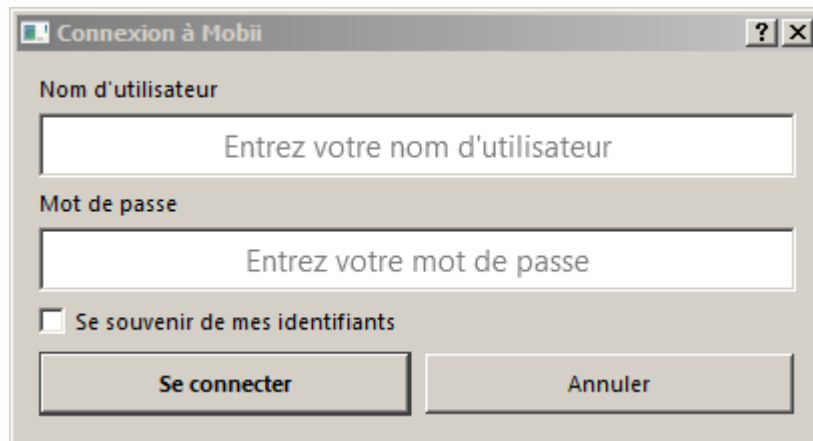


Figure 1.3: Login window

Once you are connected, a list of your cellphones will be displayed in the “New Connection” tab.

1.5 Mobile informations tab

This feature is only available once a cellphone is connected.

The mobile informations tab displays a set of datas regarding the connected smartphone.

The amount and the kind of these informations is not predetermined and can vary depending on the type or the brand of the cellphone. Some datas can usually be extracted on most platforms:

- **IMEI Number**

The IMEI number is a unique 15-digit identifier which allows unique identification of a cellphone. In theory, two cellphones cannot have the same IMEI number in the world.

- **Brand and/or model**

Name of the brand or model identifier for the connected smartphone. The format and type of the informations displayed in this category are defined by the cellphone manufacturer.

- **Operating System**

Specifies the Operating System which is currently being run on the connected smartphone. The version number is usually specified next to the name of the OS.

1.6 SMS tab

This feature is only available once a cellphone is connected.

As implied, the SMS tab allows you to get access to the SMS on your cellphone. Pressing the “Retrieve the last SMS” button will allow you to download the most recent SMS from your smartphone.



Figure 1.4: Hardware informations about a cellphone

1.7 Agenda tab

The Calendar tab allows you to manage your planning from your computer. The calendar displays all the events which will be occurring during a given time period, the default period being the current month.

The Synchronize button allows you to retrieve your agenda from your cellphone to the Mobii application. If changes have been made locally, the synchronization process will update the calendar on your phone.

To add or edit an existing event, select an item in the calendar view if needed, then click on the appropriate button on the upper actions bar on top of the tab. A window will then pop up and will allow you to edit the event's properties.

1.8 Contacts tab

The contacts tab allows you to manage your contacts list. This tab works in a similar way to the calendar view. Concretely, you only need to click on a contact in the list

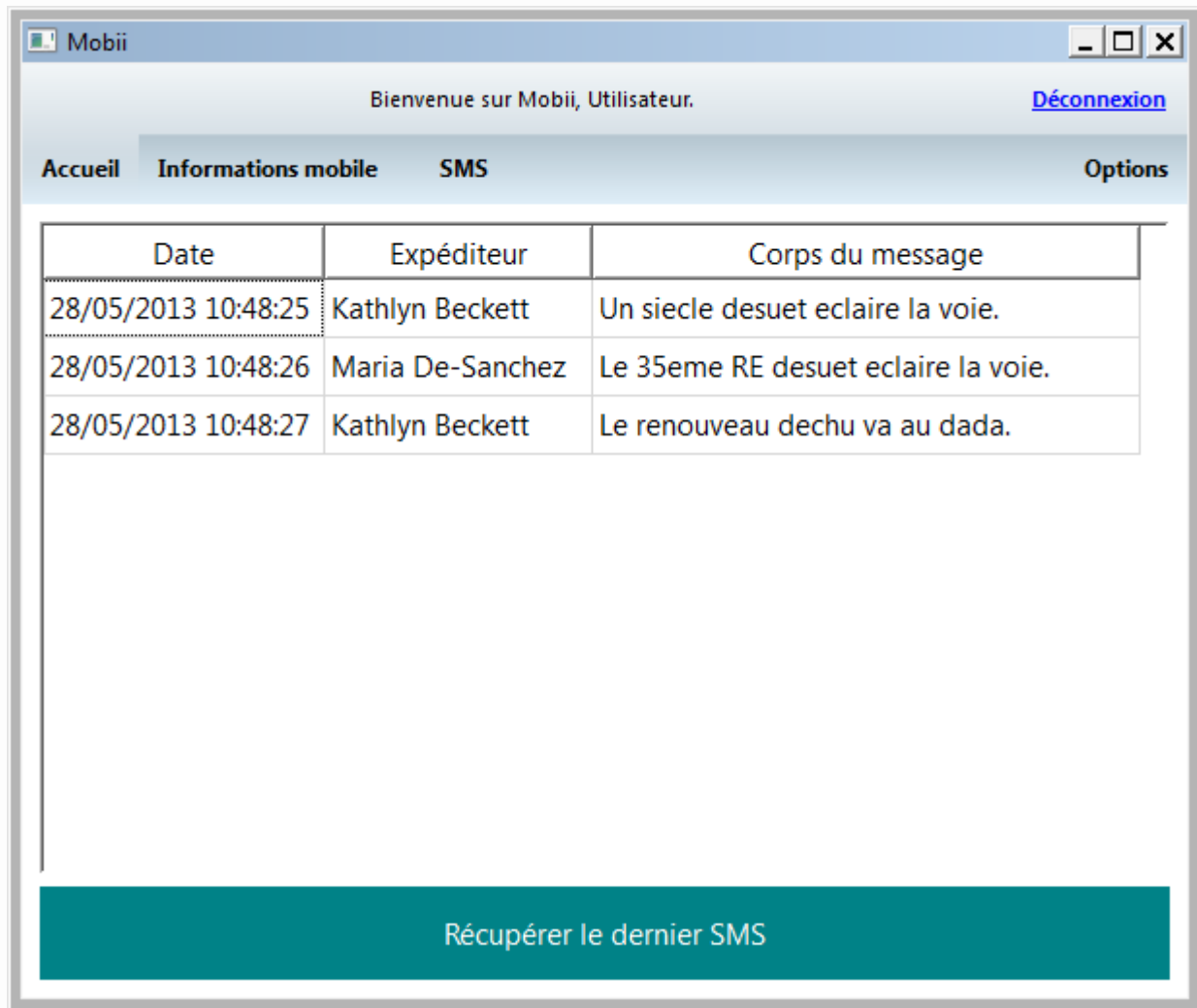


Figure 1.5: Exempla of SMS retrieved from a cellphone

to modify his or her informations. You can add new contacts by using the appropriate button in the upper actions bar.

1.9 Configuration

You may also open the Mobii configuration dialog by clicking on the “Options” button from the Options Bar. This will display a multi-tabs window.

You may accept or abort the changes you have made from any of the tabs, by clicking on the “Cancel” or “Confirm” buttons, below the tabs.

1.9.1 General tab

This tab shows general options regarding the Mobii application.

- **Language**

Allows changing the application language. Currently, the Mobii application only

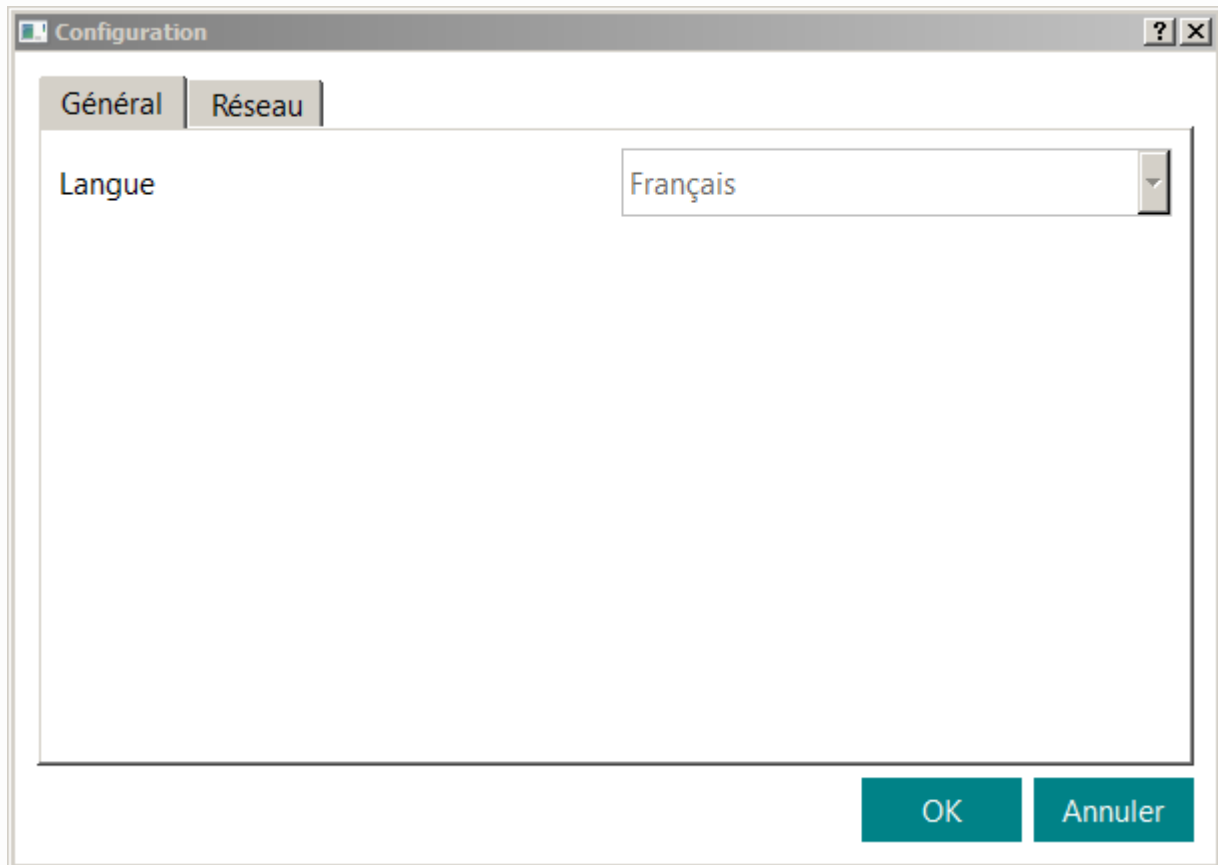


Figure 1.6: Configuration - General Tab

supports French support.

- **Unique Identifier**
Specifies the code which allows your Mobii client to be uniquely identified among all users of the Mobii service.
- **Save mobiles passwords**
Cellphones running the Mobii app require a valid password in order to allow incoming connections from a computer. This option allows to save the passwords previously entered when a connection succeeds.

1.9.2 Network

The Network tab allows you to change the connection settings to the Mobii server. You may choose to use the main Mobii server or to connect to a third-party server, through the “Address” and “Port” fields.

1.9.3 SMS

This tab presents some options which specify the behavior of the SMS panel.

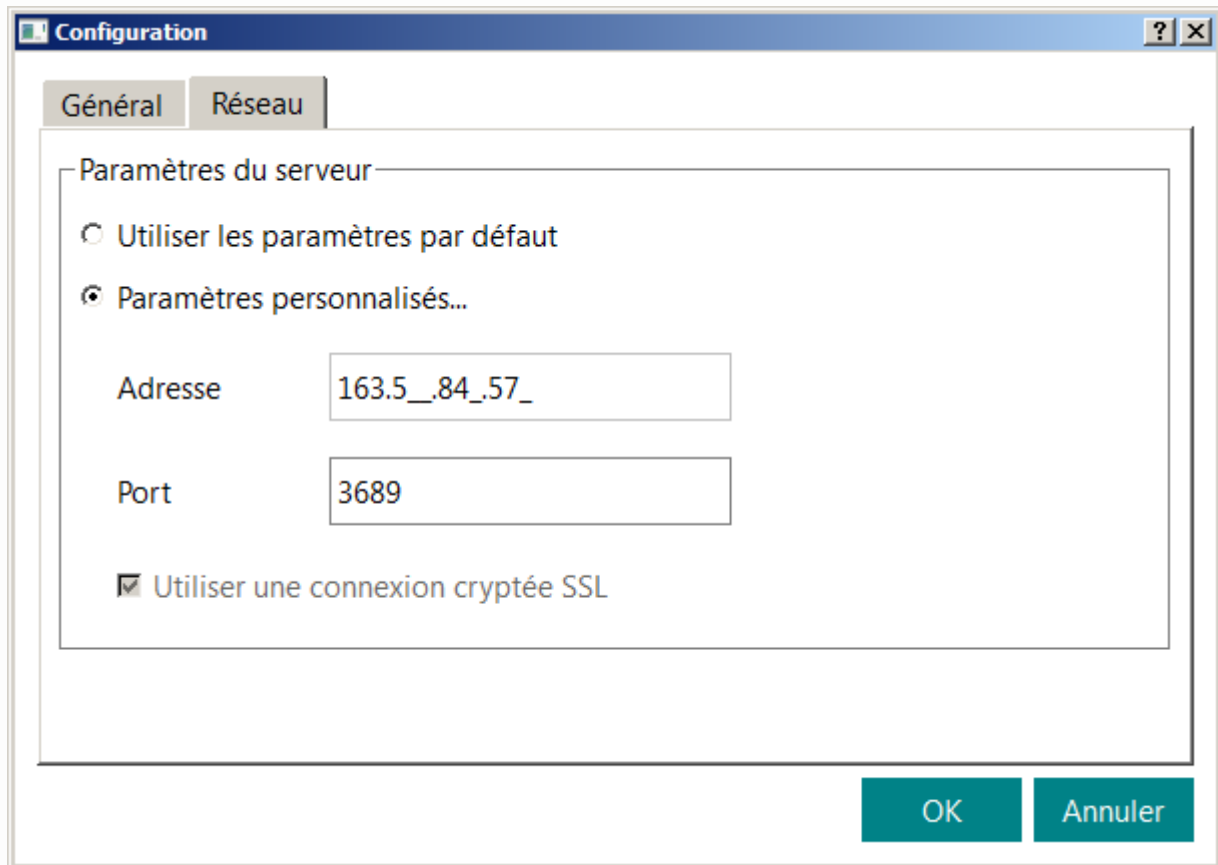


Figure 1.7: Configuration - Network Tab

- **Number of messages to display in a discussion stream**

For performance reasons, the discussion stream, located on the right of the SMS panel, does not display all messages at the same time. This option allows you to specify the number of messages that Mobii should show once a stream is loaded and each time the “Next messages” button is clicked.



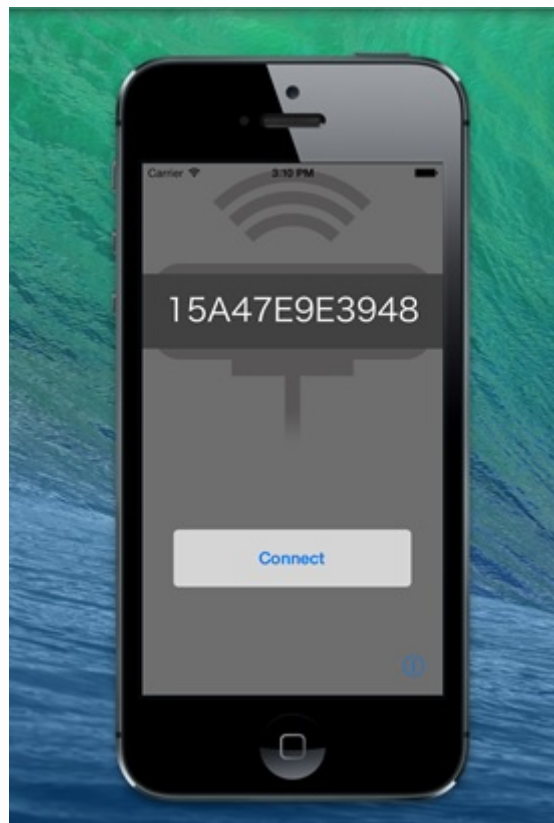
Chapter 2

Mobii smartphone applications

The illustrations below have been taken from the iOS app. The interface between different smartphone are the same.

2.1 Connect the app

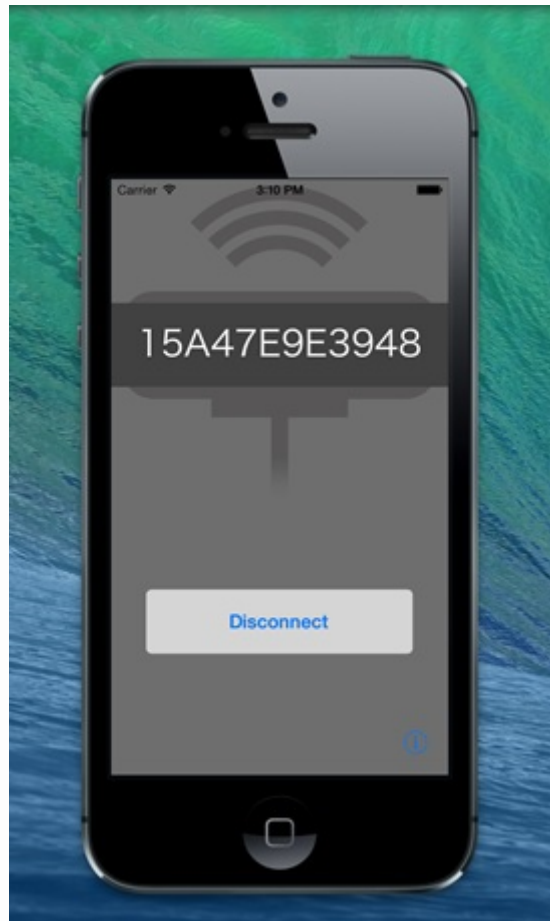
The application must be connected to the *MobiiServer* in order to accept connection from a client app. To connect the app, press the “Connect” button on screen. Once the connection is established the button label will change from “Connect” to “Disconnect”.





2.2 Disconnect the app

To disconnect the app from the *MobiiServer*, press the “Disconnect” button on screen. Once the app is disconnected, the button label will change from “Disconnect” to “Connect”.



2.3 Passcode

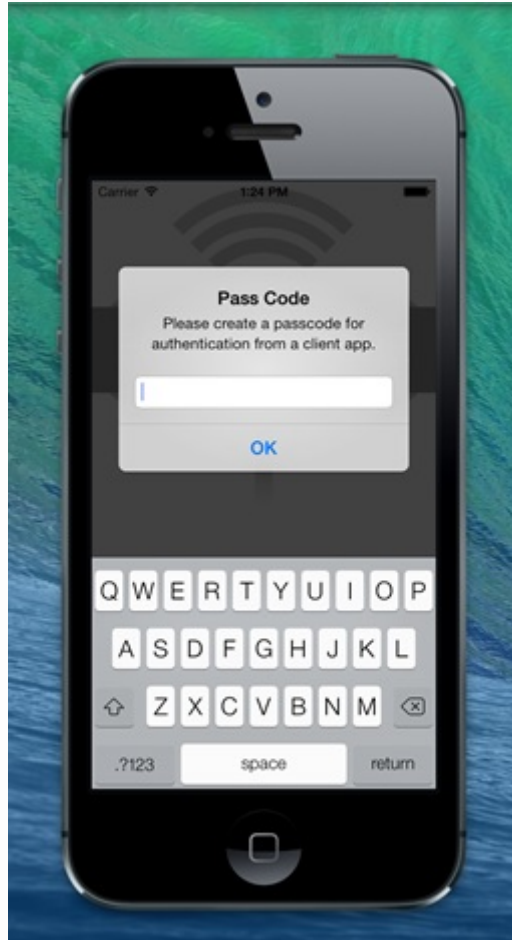
When launching the app for the first time, the user will be prompted to create a new passcode (used for authentication from client app).

2.4 Authorizations

Concerning the *iOS app*, the user will be prompted to authorize the app to access the contacts, calendar and photos. Once the access is granted, the app will automatically add, update or delete contact, events, photos and albums to the client app.

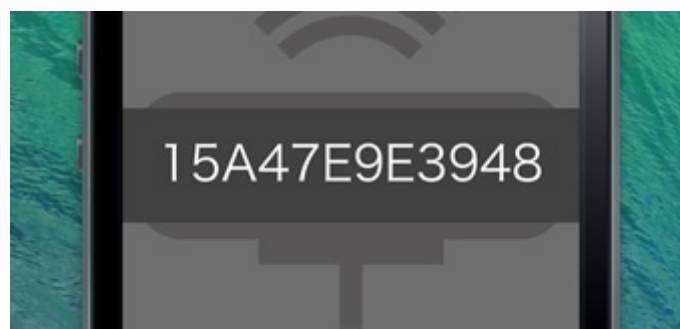
2.5 Devices information

The client app will automatically detect the device informations and send them to the client when the connection is established between the two.



2.6 Unique Identifier (UID)

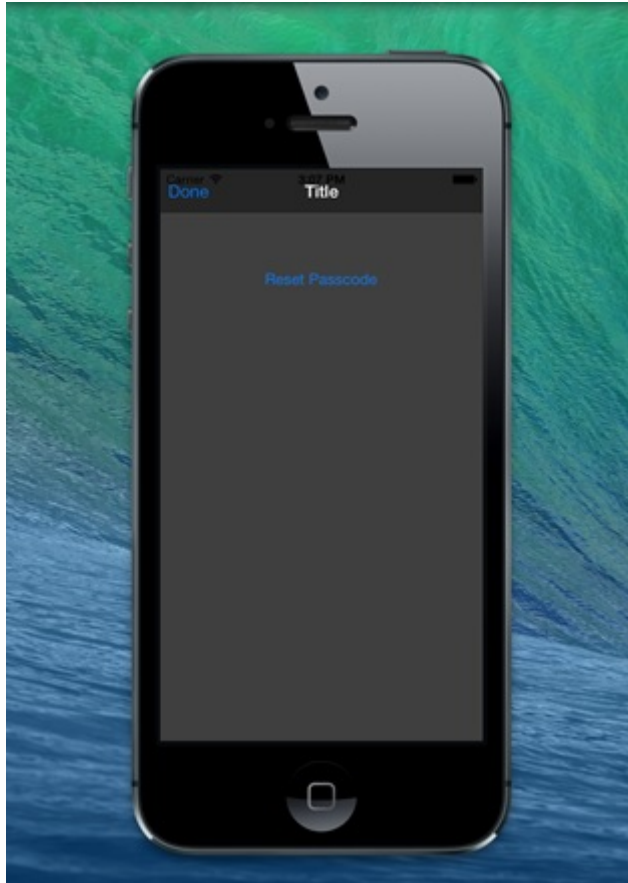
When the user connects for the first time to the MobiiServer, a UID is generated. This UID is necessary (with the previously created passcode) to connect from a client app.



2.7 Settings

2.7.1 Reset the user-defined passcode on iOS

By clicking the informations icon on the bottom right of the screen the user will be redirected to settings view of the Mobii iOS App. The settings include a “Reset the passcode” button, which the user may click to enter a new passcode.



2.8 Background App Refresh on iOS

Since iOS7, the Mobii iPhone App uses to BackgroundAppRefresh functionality to process new data every once in a while. You can turn off this functionality by going to : *Settings > General > Background App Refresh*