



OnTrack Connect App User Manual

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VILNIUS

Table of contents

- 1 Preface..... 2
 - 1.1 Use of this document 2
 - 1.2 Legal notice 2
 - 1.3 Document change log 2
- 2 Overview 3
 - 2.1 Minimum system requirements for mobile phone..... 3
 - 2.2 Basic application functions..... 3
 - 2.3 Application installation 3
 - 2.3.1 Enable third-party app installation 3
 - 2.3.2 Install OnTrack Connect app 3
- 3 OnTrack Connect application 4
 - 3.1 Logging in..... 4
 - 3.2 Pairing devices 5
 - 3.3 Pairing smartphone with the device..... 5
 - 3.4 Connecting to the device..... 6
 - 3.5 Managing device settings 6
 - 3.5.1 Activating panic state 7
- 4 Setup in the TrustTrack system 8
 - 4.1 Preparations for the driver identification via smartphone 8
 - 4.2 How OnTrack Connect app affects a webuser..... 9

1 Preface

1.1 Use of this document

This document provides required information for proper OnTrack Connect App handling. You will find basic descriptions about various application functions and actions needed to start using the application.

The following markings are used to highlight important information:

- Notes contain important information that you need to pay attention to.

Note

Notes like this contain important information!

- Actions and various elements of the software required for configuration can be marked in **bold**.

1.2 Legal notice

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1.3 Document change log

Date	Version	Change details
2016-02-25	1.0	Initial draft.
2016-12-16	1.1	Branding and design changes; OnTrack Connect app for FM-Tco4 HCV BT, FM-Tco4 LCV BT and FM-Pro4 BT devices.
2017-01-06	1.2	Described various aspects related to the TrustTrack system.
2017-05-12	1.3	Link to Google Play Store updated.

2 Overview

2.1 Minimum system requirements for mobile phone

No.	Requirement	Version
1	Operating system	Android 5.0 Lollipop
2	Bluetooth	Bluetooth v4.0

2.2 Basic application functions

OnTrack Connect app is available for Android devices. Basic application functions are very similar to "Driver registration" functionality. In this case iButton or RFID is replaced by a smartphone app which communicates with the FM device via Bluetooth. To better understand how "Driver registration" functionality works refer to our documentation:

[FM ECO4 PRO4 TCO4 Driver registration.pdf](#)

OnTrack Connect app can be downloaded from here:

[Google Play Store](#)

In summary OnTrack Connect application allows you to:

- Connect to the FM-Tco4 HCV BT, FM-Tco4 LCV BT and FM-Pro4 BT devices via Bluetooth;
- Change device settings;
- Activate panic state.

2.3 Application installation

2.3.1 Enable third-party app installation

Most Android devices don't allow the installation of apps from what Google refers to as "unknown sources." Fortunately, it's usually very easy to enable this functionality.

1. Go to Settings menu on your phone and switch to the "General" tab, if needed.
2. Click on the "Security" option.
3. Tick the checkbox next to the "Unknown Sources" option.
4. Confirm the warning message by clicking on "OK".

2.3.2 Install OnTrack Connect app

Follow these steps to install the OnTrack Connect app:

1. Download the latest OnTrack Connect app version to your smartphone.
2. Find downloaded file and click on its icon.
3. In the new pop up window read provided information and click "Next".
4. Click "Install".
5. Once the installation process is completed, click "Done or "Open":
 - a. Choose "Done" to close the installation wizard.
 - b. Choose "Open" to launch OnTrack Connect app.

3 OnTrack Connect application

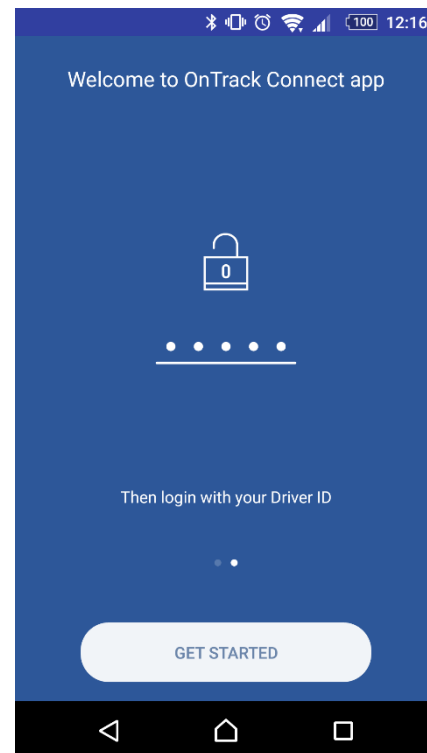
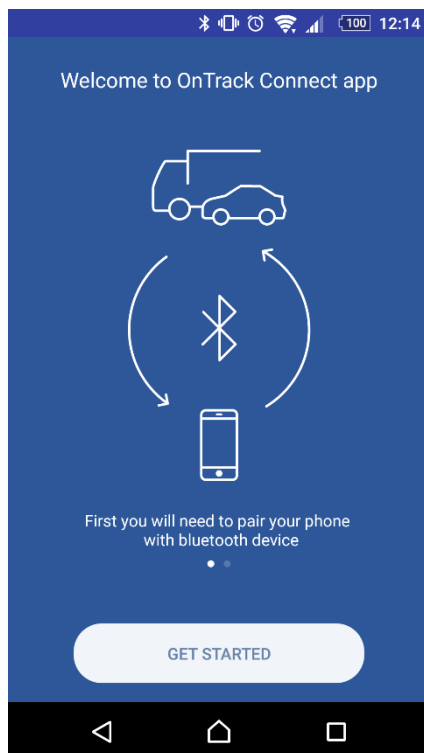
3.1 Logging in

Bluetooth connection is not necessary before running the "OnTrack Connect" application. App will ask about it later.

Tap on OnTrack Connect app icon to launch it.

First two app screens provide short introduction that will help you to get started:

- First you need to pair your phone with the Ruptela device.
- Then login with your Wireless Driver ID and Password.
- When you are ready click on the "GET STARTED" button to begin.



These screens available only the first time, when you open the app. Next time app will be redirected to the Login screen.

3.2 Pairing devices

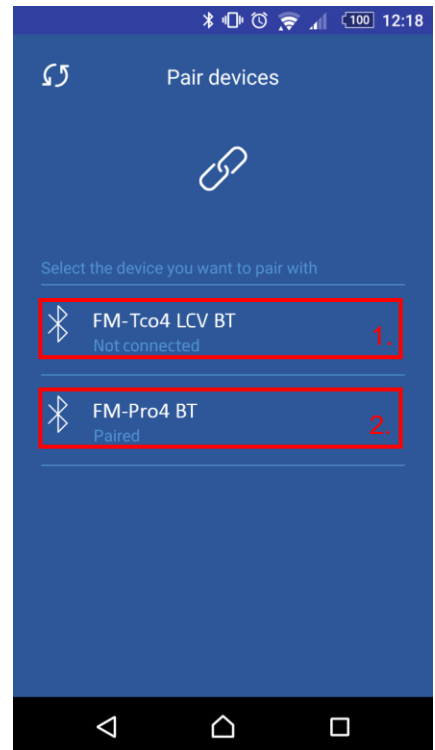
In the **Pair devices** window you will find a list of all currently accessible Bluetooth devices. Choose and connect to Ruptela BT device.

Some basic information, like device name and current state is shown. Device name can be changed in its configuration. To do that, launch FM4 Configurator, connect to the device and edit its wireless settings.

In the application device can have one of these two states:

1. Not connected – smartphone is not paired and not connected to this device.
2. Paired – smartphone is currently paired with this device.

Pairing is a one time job, when you done it, you don't need to pair the same device again.



3.3 Pairing smartphone with the device

1. In the device list click on the device without a state (not connected).
2. New window will be displayed. In the active field (a) enter PIN code for the device.

Note

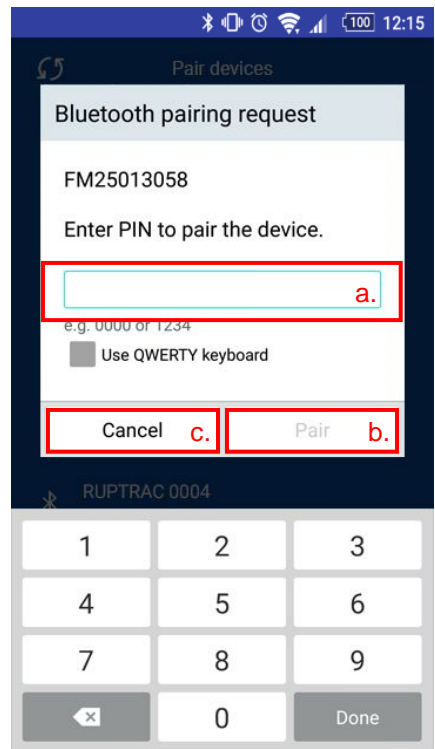
PIN code can be obtained from the FM device configuration. It is also possible to change it there.

3. Click button "Pair", if you want to pair this device with your smartphone (b). This action will take you to the connection to the device window.

Note

If provided PIN code is incorrect, the app will prompt you to enter it again. However, after each unsuccessful attempt pairing process will be slightly extended.

4. Click button "Cancel" if you want get back to the device list (c).



3.4 Connecting to the device

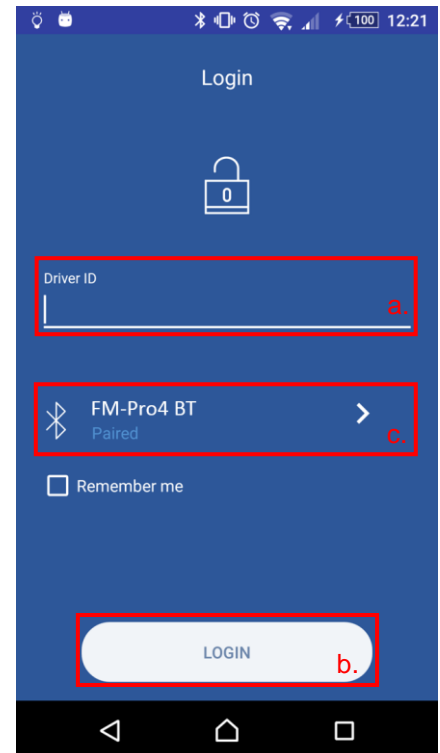
Connection to the device window will be displayed right after you pair your smartphone with it. Also, this screen will be the first you see, if you have previously paired your device or you have already signed in to the device.

1. In this window you have to provide the following information:
 - Driver ID – enter a value for the “Wireless Driver ID” I/O parameter (a). Anything you enter will be included in FM device’s records and sent to the server.
 - If Blocking is configured in the FM device, then this ID has to match entries in the Authorized IDs list.
 - If Mandatory registration or is configured, then you can type anything you like. However, it is not allowed to leave it blank.
 - Password* – in future it will have to match “Admin Password” saved in FM device configuration. It will be used for extensive FM device configuration. For now this step is omitted.
2. Click button "LOGIN" (b). If provided information is correct, device settings window will be shown.

Note

If blocking/unblocking feature with an Authorised ID’s list is used, Ruptela FM device with Bluetooth module allows up to 10 login attempts with incorrect Driver ID. After that the device blocks all connection attempts for 1 hour.

3. To select a different device click on the device name field (c).



3.5 Managing device settings

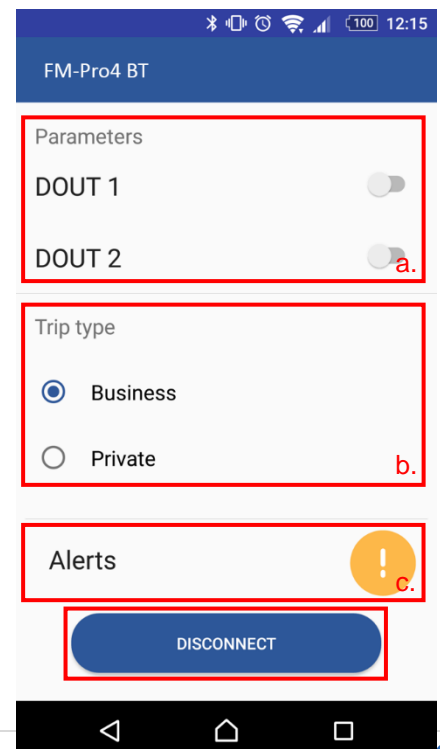
Device settings window allows you to control device parameters, select trip type, view alerts and activate panic state. There are two ways to reach device settings window:

- In the device list click on not paired device, then pair your device and connect your device with OnTrack Connect app;
- In the device list click on a device with state "Paired" and connect your device with OnTrack Connect app;

Two types of device settings can be found in device settings window:

- a. "Parameters" – This section allows you to change device DOUT1 and DOUT2 states;
- b. "Trip type" - This section allows you to choose a trip type (Business or Private).


Click “DISCONNECT” button to log out from the Ruptela FM device. It will also disconnect automatically, once the distance between the devices exceeds allowed range. You will be notified about this via pop-up message.

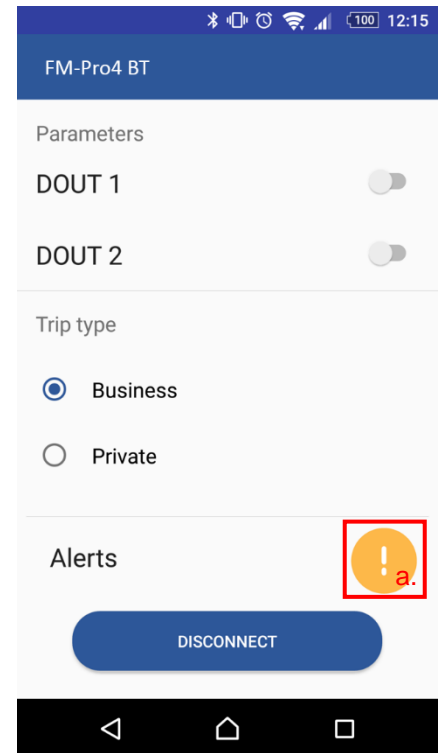


3.5.1 Activating panic state

To activate panic state" complete the following steps:

- a. Tap panic button in the bottom right corner of the device settings window. New pop up window will be displayed. Confirm panic state activation by choosing "Yes". If you do not want to do so, click "No".

If panic state was successfully activated "Panic" button will change its color to red: 



4 Setup in the TrustTrack system

4.1 Preparations for the driver identification via smartphone

Administrator panel

Go to TrustTrack's Administrator panel. In the "Objects" section choose your FM device and click on the "View/Edit" button.

The screenshot shows the TrustTrack Administrator panel. The top navigation bar includes 'TrustTrack', 'LOCATOR CONTROL MANAGER', and 'ADMIN HELP'. Below the navigation bar, there are tabs for 'Create new object' and 'Change attributes'. A table lists objects, with the first row containing 'FM Bluetooth device'. The 'View / Edit' button for this object is highlighted with a red box.

Locate the "Driver detection" section and tick the "Wireless" check box.

The screenshot shows the 'Driver detection' section. It contains several radio buttons: 'Only manual', 'Tachograph', 'iButton', 'iButton lock', and 'Wireless'. The 'Wireless' option is selected and highlighted with a red box. To the right of the 'Wireless' option, there is a dropdown menu for 'Time to wait engines start' set to '0 min'.

Webuser settings

Login to your TrustTrack webuser. Click on the "Catalogue" button and choose "Drivers".

The screenshot shows the TrustTrack webuser interface. The top navigation bar includes 'TrustTrack', 'Status', 'History', 'Reports', 'Events', and 'Catalogue'. The 'Catalogue' button is highlighted with a red box. Below the navigation bar, there are tabs for 'Vehicle properties', 'Drivers', 'Drivers groups', and 'Drivers assignments'. The 'Drivers' tab is selected and highlighted with a red box.

1. Click the "Create new driver" button.
2. Add "Name" and "Surname".
3. In the "Identifier (iButton Id,..)" field enter your Driver ID – the same ID you have previously used to login to the OnTrack Connect app.
4. In the drop down list on the right select "Wireless".
5. Click "Create" to save changes.

The screenshot shows the 'Create new driver' form in the TrustTrack webuser interface. The 'Create new driver' button is highlighted with a red box. The form contains several fields: 'Name*' (Test), 'Surname*' (Test), 'Identifier (iButton Id,..)' (ABC), and a dropdown menu for 'Wireless'. The 'Create' button is highlighted with a red box.

4.2 How OnTrack Connect app affects a webuser

Finish configuration in the TrustTrack's administration panel and webuser, login to the app. Driver's name should be displayed in the Status, History, Repots windows etc.

No.	Date/Time	Driver 1	Panic	Business / Private	Digital output 2	Digital output 1	Ignition
1	2016-12-21 14:39:01	Test	OFF	Business	ON	ON	ON
2	2016-12-21 14:39:06	Test	OFF	Business	ON	ON	ON
3	2016-12-21 14:44:01	Test	OFF	Private	OFF	OFF	OFF
4	2016-12-21 14:45:01	Test	OFF	Private	OFF	OFF	OFF
5	2016-12-21 14:46:01	Test	OFF	Private	OFF	OFF	OFF
6	2016-12-21 14:47:01	Test	OFF	Private	OFF	OFF	OFF
7	2016-12-21 15:03:16	Test	OFF	Private	OFF	ON	ON
8	2016-12-21 15:04:01	Test	OFF	Private	OFF	ON	ON
9	2016-12-21 15:05:01	Test	OFF	Private	OFF	ON	ON
10	2016-12-21 15:06:01	Test	OFF	Private	OFF	ON	ON
11	2016-12-21 15:07:01	Test	OFF	Private	OFF	ON	ON
12	2016-12-21 15:08:01	Test	OFF	Private	OFF	ON	ON
13	2016-12-21 15:09:01	Test	ONI	Private	OFF	ON	ON
14	2016-12-21 15:10:01	Test	ONI	Private	OFF	ON	ON
15	2016-12-21 15:11:01	Test	ONI	Private	OFF	ON	ON
16	2016-12-21 15:12:01	Test	OFF	Private	OFF	ON	ON

Other actions made via OnTrack Connect app will be visible as well. Several examples are displayed below.

Changing Panic state:

No.	Date/Time	Driver 1	Panic	Business / Private	Digital output 2	Digital output 1	Ignition
1	2016-12-21 14:39:01	Test	OFF	Business	ON	ON	ON
2	2016-12-21 14:39:06	Test	OFF	Business	ON	ON	ON
3	2016-12-21 14:44:01	Test	OFF	Private	OFF	OFF	OFF
4	2016-12-21 14:45:01	Test	OFF	Private	OFF	OFF	OFF
5	2016-12-21 14:46:01	Test	OFF	Private	OFF	OFF	OFF
6	2016-12-21 14:47:01	Test	OFF	Private	OFF	OFF	OFF
7	2016-12-21 15:03:16	Test	OFF	Private	OFF	ON	ON
8	2016-12-21 15:04:01	Test	OFF	Private	OFF	ON	ON
9	2016-12-21 15:05:01	Test	OFF	Private	OFF	ON	ON
10	2016-12-21 15:06:01	Test	OFF	Private	OFF	ON	ON
11	2016-12-21 15:07:01	Test	OFF	Private	OFF	ON	ON
12	2016-12-21 15:08:01	Test	OFF	Private	OFF	ON	ON
13	2016-12-21 15:09:01	Test	ONI	Private	OFF	ON	ON
14	2016-12-21 15:10:01	Test	ONI	Private	OFF	ON	ON
15	2016-12-21 15:11:01	Test	ONI	Private	OFF	ON	ON
16	2016-12-21 15:12:01	Test	OFF	Private	OFF	ON	ON

Selecting Trip type:

No.	Date/Time	Driver 1	Panic	Business / Private	Digital output 2	Digital output 1	Ignition
1	2016-12-21 14:39:01	Test	OFF	Business	ON	ON	ON
2	2016-12-21 14:39:06	Test	OFF	Business	ON	ON	ON
3	2016-12-21 14:44:01	Test	OFF	Private	OFF	OFF	OFF
4	2016-12-21 14:45:01	Test	OFF	Private	OFF	OFF	OFF
5	2016-12-21 14:46:01	Test	OFF	Private	OFF	OFF	OFF
6	2016-12-21 14:47:01	Test	OFF	Private	OFF	OFF	OFF
7	2016-12-21 15:03:16	Test	OFF	Private	OFF	ON	ON
8	2016-12-21 15:04:01	Test	OFF	Private	OFF	ON	ON
9	2016-12-21 15:05:01	Test	OFF	Private	OFF	ON	ON
10	2016-12-21 15:06:01	Test	OFF	Private	OFF	ON	ON
11	2016-12-21 15:07:01	Test	OFF	Private	OFF	ON	ON
12	2016-12-21 15:08:01	Test	OFF	Private	OFF	ON	ON
13	2016-12-21 15:09:01	Test	ONI	Private	OFF	ON	ON
14	2016-12-21 15:10:01	Test	ONI	Private	OFF	ON	ON
15	2016-12-21 15:11:01	Test	ONI	Private	OFF	ON	ON
16	2016-12-21 15:12:01	Test	OFF	Private	OFF	ON	ON

Changing DOUT states:

Distance:	3.94 km						
Mileage:	0						
Work time:	08:59:07						
Stoptime:	15:00:52						
No.	Date/Time	Driver 1	Panic	Business / Private	Digital output 2	Digital output 1	Ignition
1	2016-12-21 14:39:01	Test	OFF	Business	ON	ON	
2	2016-12-21 14:39:06	Test	OFF	Business	ON	ON	
3	2016-12-21 14:44:01	Test	OFF	Private	OFF	OFF	
4	2016-12-21 14:45:01	Test	OFF	Private	OFF	OFF	
5	2016-12-21 14:46:01	Test	OFF	Private	OFF	OFF	
6	2016-12-21 14:47:01	Test	OFF	Private	OFF	OFF	
7	2016-12-21 15:03:16	Test	OFF	Private	OFF	ON	
8	2016-12-21 15:04:01	Test	OFF	Private	OFF	ON	
9	2016-12-21 15:05:01	Test	OFF	Private	OFF	ON	
10	2016-12-21 15:06:01	Test	OFF	Private	OFF	ON	
11	2016-12-21 15:07:01	Test	OFF	Private	OFF	ON	
12	2016-12-21 15:08:01	Test	OFF	Private	OFF	ON	
13	2016-12-21 15:09:01	Test	ONI	Private	OFF	ON	
14	2016-12-21 15:10:01	Test	ONI	Private	OFF	ON	
15	2016-12-21 15:11:01	Test	ONI	Private	OFF	ON	
16	2016-12-21 15:12:01	Test	OFF	Private	OFF	ON	

