

# CODEKS MOBILITY mobile application

INSTRUCTION MANUAL FOR USERS of the **Codeks Mobility** mobile application for Android and iOS devices



# **CONTENT**

0	INTRODUCTION	3
1	<b>DOWNLOADING AND INSTALLING THE APPLICATION</b> FOR ANDROID DEVICES	4
2	LOGIN AND SETTINGS	6
3	USER INTERFACE	7
	TIME ATTENDANCE	8
4	T&A REGISTRATION STATISTICS	. 10
5	REGISTER T&A USING YOUR MOBILE DEVICE	. 11
	REGISTERING ENTRY/EXIT EVENTS	
6	UNSYNCHRONIZED EVENTS	. 14
7	* LEAVE ANNOUNCES add-on	. 15
	ANNOUNCE ABSENCE	16
	ABSENCE REPLACEMENTSHOW PENDING ABSENCE ANNOUNCES	
8	* ePERMITS add-on	. 18
	REQUEST EXIT PERMIT	
	CHECK EXIT PERMITS STATUS	
9	* RESERVATIONS add-on	
10	* MULTIPLE EMPLOYEE REGISTRATION ON A SINGLE MOBILE DEVICE	. 22
	REGISTERING AN ENTRY OR EXIT EVENT FOR ANOTHER EMPLOYEE REGISTERING EVENTS WITH A T&A BUTTON FOR ANOTHER EMPLOYEE	23
11	TIME REGISTRATION AT LOCATIONS WITH ASSIGNED LOCATION TAGS	. 25
	REGISTERING EVENTS WITH A T&A BUTTON AT A LOCATION WITH AN ASSIGNED CARD	26
12	USING CODEKS MOBILITY TO OPEN DOORS	. 27
	OPEN DOORS USING THE MOBILE APPLICATION	28

### **0 INTRODUCTION**

This document contains instructions for users of the Codeks Mobility mobile application for Android and iOS devices.



The **Codeks Mobility** mobile application enables:

- employees to view their own time and attendance information,
- department heads to manage and edit time and attendance information of their employees,
- \* the use of Codeks add-ons and additional applications: TA Leave Announces, ePermits and Reservations.

NOTE

To use the Codeks add-ons and additional applications you need the appropriate additional license codes for each Codeks program extension.

Users who will be able to use the functionality of the Codeks program extensions must have the necessary settings and rights assigned in the main Codeks application.

 \* employees to register their time attendance using their smartphone or other mobile devices.

NOTE

Each user who will be able to register their time attendance using a mobile device must be assigned a virtual (additional) card.

To assign virtual cards to users, you need to purchase the Codeks Virtual Card license, which adds a specific number of virtual cards for employees to your Codeks system.

\* employees to open doors using their mobile app through a Wifi or Bluetooth connection.
 NOTE

The functionality of opening doors is only available to you if you are using AT LEAST the Codeks 10.4.14.13794 software version, and AT LEAST the versions of the mobile app Codeks Mobility 3.1.4 for Android or Codeks Mobility 1.8 for iOS devices.

It is only possible to open passages via Wifi through readers linked to controllers that are directly connected to the local area network (LAN). It is only possible to open passages via Bluetooth if they are equipped with the new H-line or A-line controllers (for apartments and hotels) which already contain a Bluetooth module.

The door opening functionality must first be enabled in the main Codeks application, and employees who will be able to open the door via the application must be assigned a virtual card.

To assign virtual cards to users, you need to purchase the Codeks Virtual Card license, which adds a specific number of virtual cards for employees to your Codeks system.

You can find more information about the Codeks software, its add-ons, and additional applications in the software documentation available here **jantar.si/pdf/CodeksManual-en V10.pdf**.

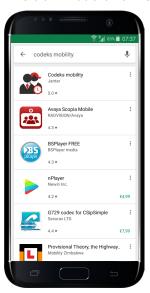
# 1 DOWNLOADING AND INSTALLING THE APPLICATION

#### FOR ANDROID DEVICES

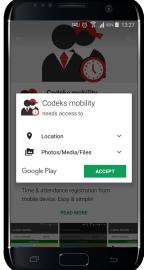


You can download the free *Codeks Mobility* application to your Android device from **Google Play**.

- 1 Find the *Codeks Mobility* application on *Google Play* and click **Install**.
- **2** Allow the application the necessary access to your data. The download and installation will take a few moments.

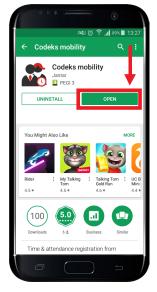








3 Click **Open**, when the installation is complete. When you launch the application for the first time, the *Settings* screen will appear, where you must enter the information needed for the application to connect to your Codeks system (more in chapter *LOGIN AND SETTINGS*).





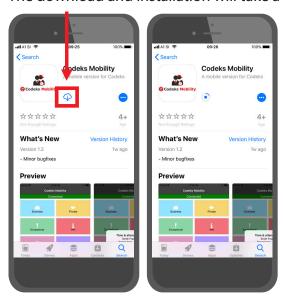


#### **FOR iOS DEVICES**

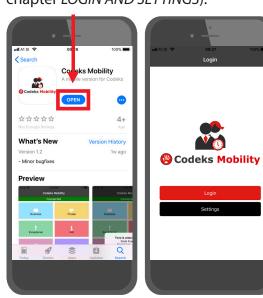
You can download the free *Codeks Mobility* application to your iOS device from **App Store**.



- 1 Find the *Codeks Mobility* application on *App Store* and click the download and install icon .
- 2 The download and installation will take a few moments.



3 Click **Open**, when the installation is complete. When you launch the application for the first time, the *Settings* screen will appear, where you must enter the information needed for the application to connect to your Codeks system (more in chapter *LOGIN AND SETTINGS*).



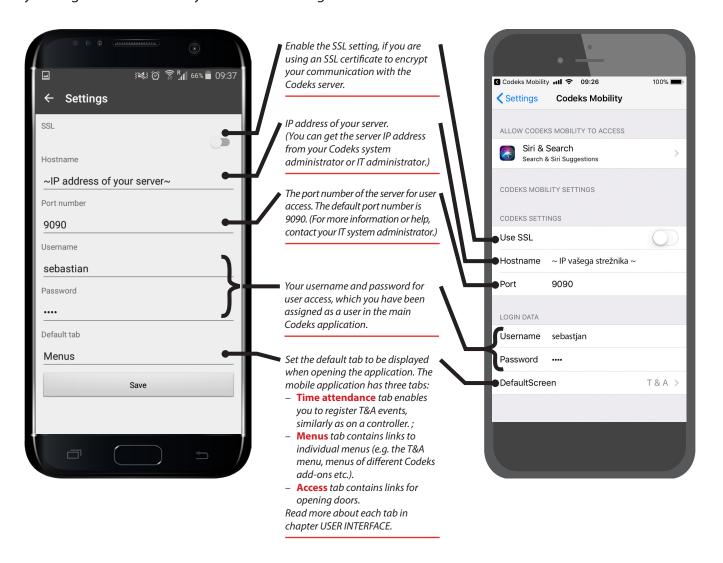


NOTE, In the following chapters, the use of the application is presented with screenshots that were captured on an Android smartphone. The application operates very similarly on all other Android mobile devices and iOS devices.

### 2 LOGIN AND SETTINGS

When you launch the application for the first time you have to enter the data needed for the application to connect to your Codeks system using your user access information.

At each subsequent launch, the login will be automatic. You can change your login information any time in the *Settings* menu.



#### NOTE,

In the following chapters, the use of the application is presented with screenshots that were captured on an Android smartphone.

The application operates very similarly on all other Android mobile devices and iOS devices.

# **3 USER INTERFACE**

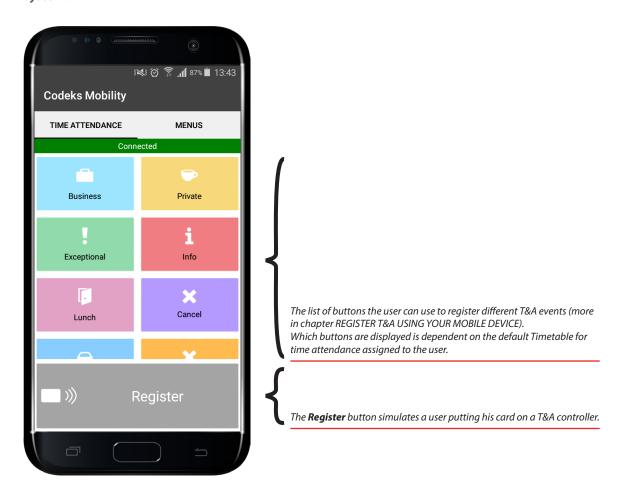
#### **TIME ATTENDANCE**

The *Time attendance* tab contains *a simulated T&A controller*, which enables users to register their time and attendance events using their mobile devices.

#### NOTE

Users will only be able to register their time attendance using a mobile device if they are assigned a virtual (additional) card.

To assign virtual cards to users, you need to purchase the Codeks Virtual Card license, which adds a specific number of virtual cards for employees to your Codeks system.

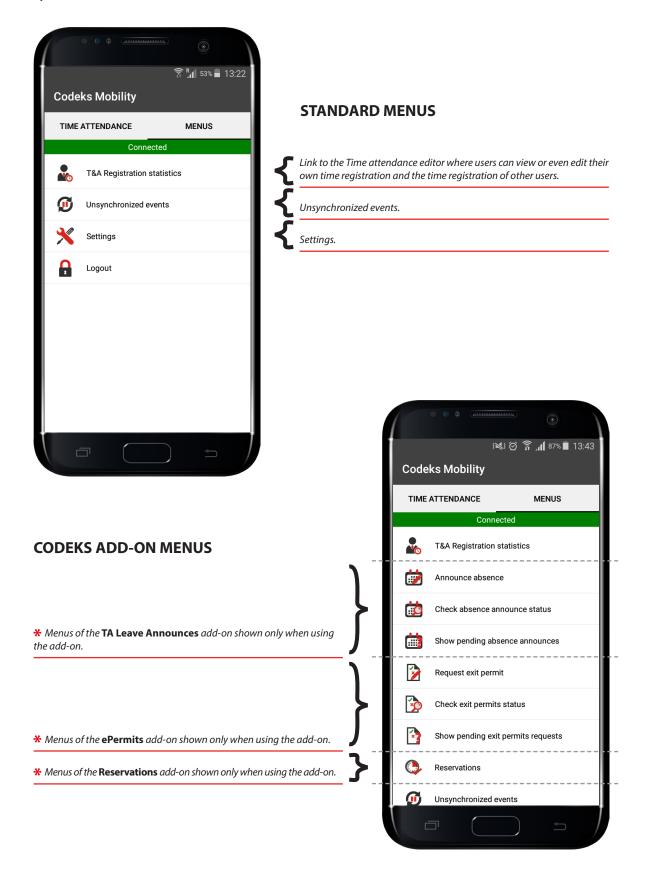


How to register a T&A event is described in chapter REGISTER T&A USING YOUR MOBILE DEVICE.

#### **MENUS**

The Menus tab contains links to different menus.

The number of displayed links differs, depending on the rights you are assigned as a user, and the Codeks add-ons that are used in your Codeks system.

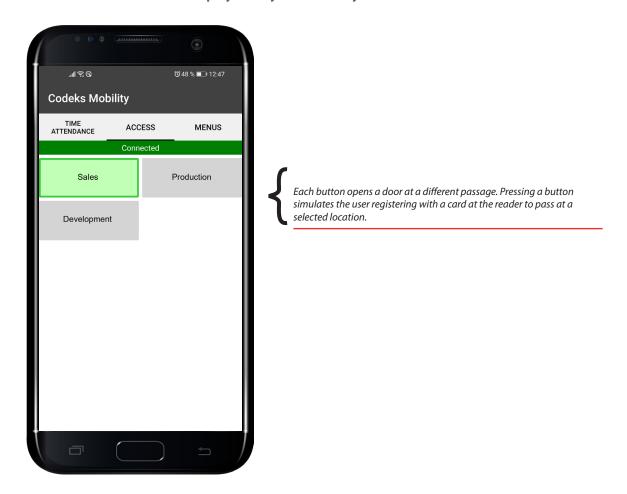


#### **ACCESS**

The Access tab contains links (buttons) that enable opening doors at locations where the user has the right to pass.

#### NOTE

Users will only be able to open doors with their mobile app if they are assigned a virtual (additional) card. To assign virtual cards to users, you need to purchase the Codeks Virtual Card license, which adds a specific number of virtual cards for employees to your Codeks system.



You can read how to open doors using the Codeks Mobility mobile app in chapter *USING CODEKS MOBILITY TO OPEN DOORS*.

# 4 T&A REGISTRATION STATISTICS

By clicking **T&A Registration statistics**, users and department heads can access the *Time attendance* editor. Here they can view or even edit the time attendance data, depending on the user rights they are assigned in the main Codeks application.





You can read more about editing the *Time attendance* in the documentation of the main Codeks application.

#### NOTE

Rights to view or edit the time attendance information are assigned to each user or department head through their user settings set in the Users editor. The users' settings can be edited by a Codeks system administrator.

### 5 REGISTER T&A USING YOUR MOBILE DEVICE

Users who are assigned a virtual (additional) card can register their time and attendance using the application with the help of the simulated T&A controller in the *Time attendance* tab.

#### NOTE

To assign virtual cards to users, you need to purchase the Codeks Virtual Card license, which adds a specific number of virtual cards for employees to your Codeks system.

A virtual card must be assigned to each user by a Codeks system administrator in the Users editor.

#### NOTE

All <u>newer Codeks systems</u> whose main Codeks license (Codeks TA Kit, Codeks TA or Codeks TA Advanced) was first activated <u>AFTER October 1, 2021</u>, WILL REQUIRE at least one Codeks Virtual Controller license to enable mobile T&A registration through the Codeks Mobility app.

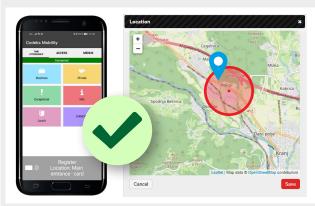
The Codeks Virtual Controller license enables mobile registration, additionally, it also enables the geographical restriction of the area around the point of the virtual controller, where employees are still allowed to register their working hours via mobile app.

All <u>older Codeks systems</u> whose main Codeks license (Codeks TA Kit, Codeks TA or Codeks TA Advanced) was first activated <u>BEFORE October 1, 2021</u>, will NOT REQUIRE for the basic operation of mobile T&A registration. Owners of such systems will be able to purchase the additional Codeks Virtual Controller license if they wish to upgrade their system with the functionality of geographically restricting mobile registration. Older systems without a Codeks Virtual Controller license will continue to operate as before.

#### NOTE

Controller license is only possible when using at least the version Codeks 10.2110.0.15840 of the main software or later.

In newer systems with a Codeks Virtual Controller license, the *Register* button will also display the name of the virtual controller where you will be registering.



The event can be registered by the user only if it is within the allowed range from the point of the virtual controller. In this case, the location of the virtual controller will also be displayed on the *Register* button.



However, if the user is outside the allowed range, the location will not be displayed on the **Register** button and he will not be able to register the time registration event. To register the event, the user will have to move closer to the point of the virtual controller or. within the permitted distance range.

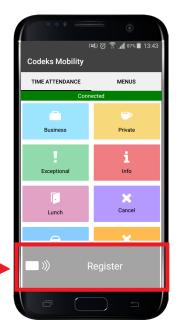
If the user is allowed both geographically unrestricted and restricted registration of working hours (e.g., registration at the administrative building is geographically limited and registration at different client locations is geographically unrestricted), the application will first try to register the event for geographically restricted location, and only if this fails will the application register the event under a geographically unrestricted location.

#### **REGISTERING ENTRY/EXIT EVENTS**

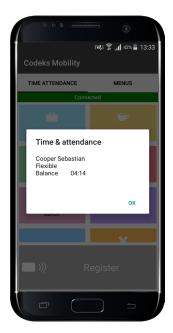
1 To register an event without an assigned button (e.g. an entry or exit) **press the** *Register* button.

#### **NOTE FOR NEWER SYSTEMS**

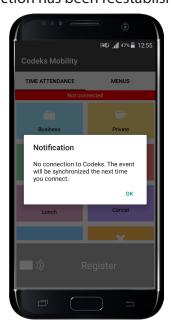
You will only be able to register the event if you are within the area of allowed distance from the virtual controller point. In this case, the location of the virtual controller will also be displayed on the *Register* button.



**2 a** – If the application can connect to the Codeks server, a message containing the servers response will be displayed.



2 b – If the application cannot connect to the Codeks server, the message on the image below will be displayed. The event will be stored as an unsynchronized event and will be sent to the server at a later time when the connection has been reestablished.

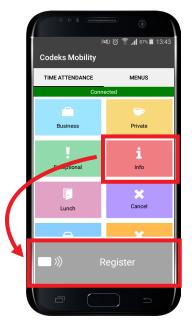


#### REGISTERING EVENTS WITH BUTTONS

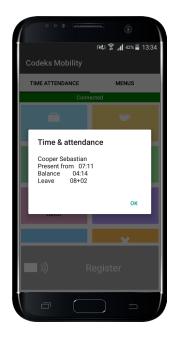
1 To register an event, for which you must press a button when registering at a controller (e.g. business exit or info), first select the appropriate button, then, click Register.

#### **NOTE FOR NEWER SYSTEMS**

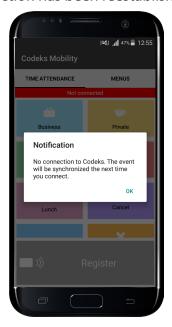
You will only be able to register the event if you are within the area of allowed distance from the virtual controller point. In this case, the location of the virtual controller will also be displayed on the *Register* button.



**2 a** – If the application can connect to the Codeks server, a message containing the servers response will be displayed.

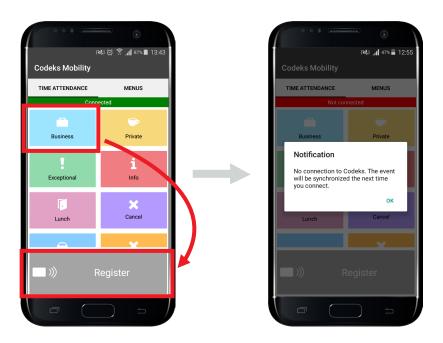


2 b – If the application cannot connect to the Codeks server, the message on the image below will be displayed. The event will be stored as an unsynchronized event and will be sent to the server at a later time when the connection has been reestablished.

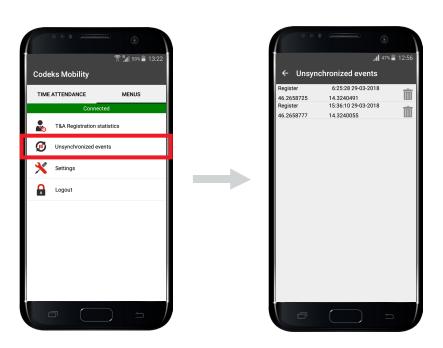


### **6 UNSYNCHRONIZED EVENTS**

When a user registers a time attendance event without having a connection to the Codeks server, the application reports that the event could not be sent to the server and that it will be synchronized as soon as the connection is available again.



Events registered when a connection was not available, are stored within the application and can be viewed in the *Unsynchronized events* menu. The event entry contains the information about the button that was pressed, the exact time of registration and the geographical coordinates.



NOTE
You must enable the
Location on your mobile
device to obtain the
geographic coordinates of
a registered event.

You can also **delete an entry of the pending time registration events** in the *Unsynchronized events* menu **by pressing on the delete icon (** $\hat{m}$ **)**.

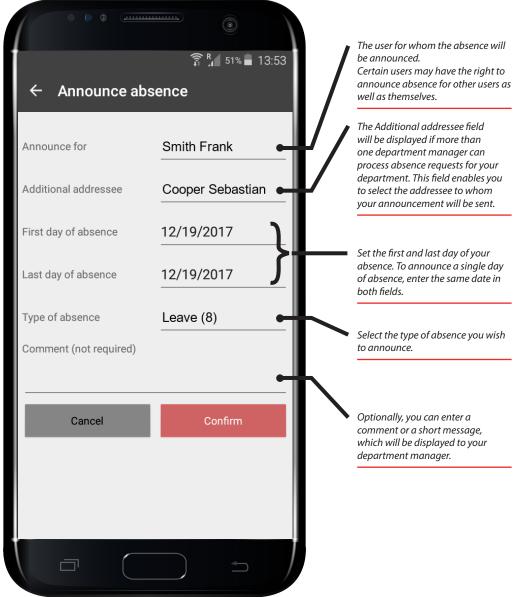
# 7 \* LEAVE ANNOUNCES add-on

The **Codeks TA Leave Announces** add-on automatizes the process of requesting and processing daily absence announces such as holidays. It is designed to be used by employees who announce their absences, as well as by the heads of departments who process the absence requests.

#### ANNOUNCE ABSENCE

- 1 To announce your absence, select *Announce absence* in the menu.
  - This will open the menu for absence announcing.
- **2** In the announcement form enter the necessary data:





**3** When you are done entering the data for the absence announcement, click **Send**.

#### **CHECK ABSENCE ANNOUNCE STATUS**

Users can monitor the status of their absence announcements in the *Check absence announce status* menu.





The icons in front of the entries indicate the status of each announcement:

- ✓ The announcement has been confirmed.
- X The announcement has been denied.
- The absence announcement is still pending. You can also **cancel** your absence announcement **by clicking the delete icon** (m).

#### **ABSENCE REPLACEMENT**

In the **Absence replacements** menu, the co-worker who has been indicated to replace an employee who announced their absence may confirm or reject the replacement. Only when it is confirmed by the employee who will replace the original employee, is the request for absence forwarded to the head of the department, who finally confirms it. The **Absence replacements** menu only appears if the Codes system is configured to require absence replacements.



- 1 The menu contains a list of replacement requests sent by your coworkers.
  - Each entry contains the name of your co-worker, the type and period of absence and the date of the announcement.
- **2** Each replacement request can be processed by clicking the appropriate icon:
  - To **confirm** the replacement request click the **confirm icon**  $\checkmark$ .
  - To **deny** the replacement request click the **deny icon** X.
- 3 When you confirm or reject the replacement request, the announcement will be removed from the waiting list. If the user who announced the absence has a valid e-mail address, he will receive a notification that you have confirmed their request for replacement. The announcement of the employee's absence will then be forwarded to the head of the department, who will finally confirm it.

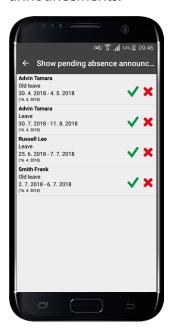


#### SHOW PENDING ABSENCE ANNOUNCES

The **Show pending absence announces** menu enables heads of departments to confirm or deny the absence announcements of their employees.



1 The menu displays the list of employees' absence announcements.



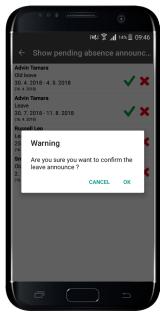
Each entry contains the name of the employee, the type and period of absence and the date of the announcement.

- **2** Each absence announcement can be processed by clicking the appropriate icon:
  - To confirm an absence announcement click the confirm icon
    ✓.
  - To deny an absence announcement click the deny icon ✗.

**3** After confirming or rejecting

an absence announcement the announcement will immediately be removed from the pending announcements list.

If the user who has announced the absence has a valid e-mail address, he will receive a notification about the change of the status of his absence announcement.





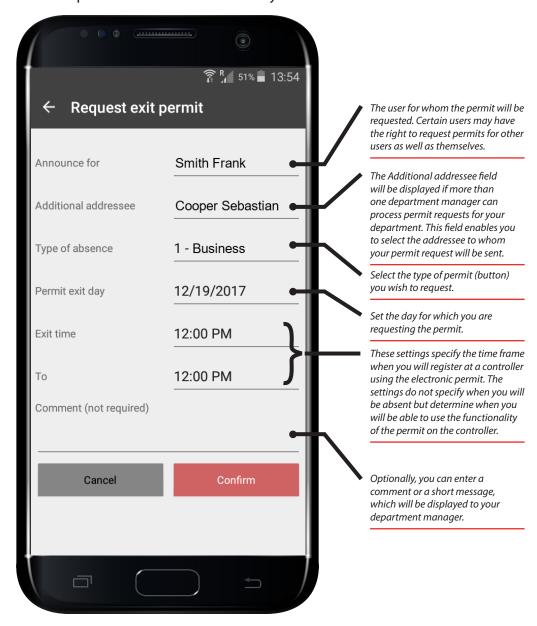
# 8 \* ePERMITS add-on

The **Codeks ePermits** add-on automatizes the process of requesting and processing electronic permits, for example, permits allowing the user to leave early or do overtime work. It is designed to be used by employees who request electronic permits, as well as by the heads of departments who process the permit requests.

#### **REQUEST EXIT PERMIT**

- 1 To request an electronic permit, select *Request permit* in the menu.
  - This will open the menu for requesting permits.
- 2 In the request form enter the necessary data:





**3** When you are done entering the data for the permit request, click **Send**.

#### **CHECK EXIT PERMITS STATUS**

Users can monitor the status of their permit requests in the *Check exit permits status* menu.





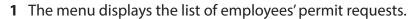
The icons in front of the entries indicate the status of each permit request:

- ✓ The permit request has been confirmed.
- ★ The permit request has been denied.
- - The permit request is still pending.

You can also **cancel** your permit request **by clicking the delete icon** ( $\hat{m}$ ).

#### **SHOW PENDING EXIT PERMITS REQUESTS**

The **Show pending exit permits requests** menu enables heads of departments to confirm or deny the permit requests of their employees.

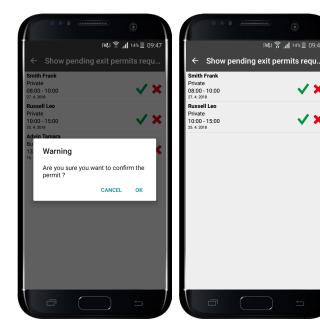




Each entry contains the name of the employee, the type of requested permit and the requested time and date of the permit.



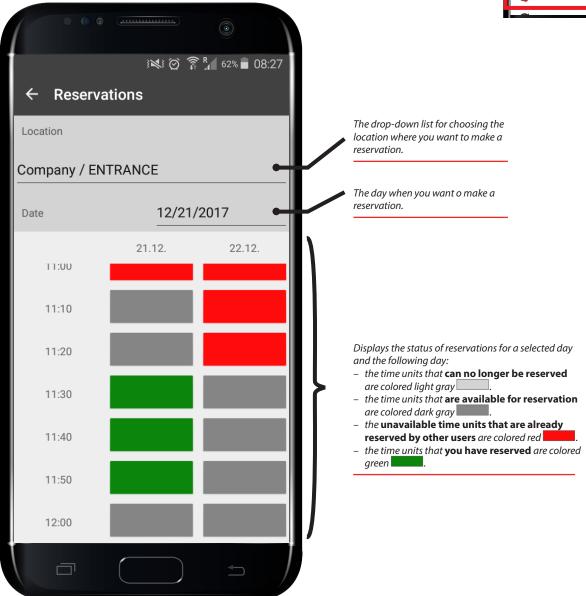
- **2** Each permit request can be processed by clicking the appropriate icon:
  - To **confirm** an absence announcement click the **confirm icon**
  - ✓.
  - To deny an absence announcement click the deny icon X.
- 3 After confirming or rejecting a permit request the entry will immediately be removed from the pending permits list.
  - If the user who has requested the permit has a valid e-mail address, he will receive a notification about the change of the status of his permit request.



# 9 \* RESERVATIONS add-on

The **Codeks Reservations** add-on enables users to make reservations for rooms, offices or keys within the company, thereby extending the functionality of the Codeks access control system.





- 1 To reserve a selected space or key, first, **select the desired location** (or key-slot) from the **Location** drop-down menu.
- **2 Select the day**, when you wish to make a reservation. The selected day will be displayed below.
- **3** Mark the selected time of the day you want to reserve by clicking on the individual time units.
- **4** Once you have marked your desired time units, the system will automatically save your reservation.
- 5 To cancel your reservation unmark the green-colored time units by clicking on them again.

#### NOTE

The users' reservations and reservation cancellations are saved automatically.
The Codeks system automatically updates the status of reservations every 10 minutes.

# 10 \* MULTIPLE EMPLOYEE REGISTRATION ON A SINGLE MOBILE DEVICE

#### **NOTE**

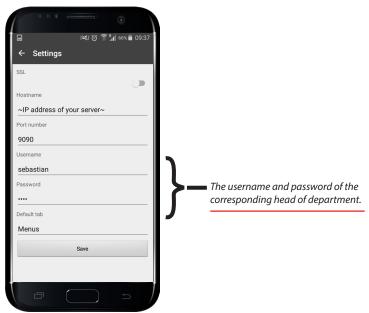
**This function is only available on Android devices.** To date, the iOS mobile devices do not allow NFC card reading.

Using the NFC technology (Near Field Communication) of mobile devices the Codeks Mobility application also allows multiple users to register on the same mobile device with their contactless cards. In this instance, only the corresponding department managers are assigned an additional Codeks Virtual Card, while all the other employees (in his department) register their hours by scanning their MIFARE cards on the manager's mobile device. Similarly to classic mobile time attendance registration, all users register using the simulated T&A controller in the *Time attendance* tab of the mobile application.

#### NOTE

To assign virtual cards to users, you need to purchase the Codeks Virtual Card license. A virtual card must be assigned to each head of department by a Codeks system administrator in the Users editor.

- 1 First, the NFC function of the mobile device must be turned on.
- **2** Before you can start registering other employees on the same mobile device, the head of department must first log in to the Codeks Mobility application using their username and password.



**3** Finally, navigate to the Time attendance tab and you can start registering other employees.

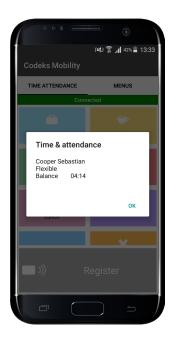
# REGISTERING AN ENTRY OR EXIT EVENT FOR ANOTHER EMPLOYEE

1 To register an event without an assigned button (e.g. an entry or exit event) for another employee just put the employee's card near the NFC reader of the mobile device.

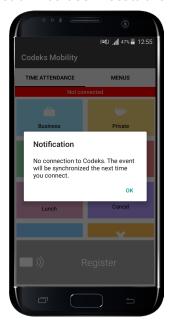
As soon as the device detects a new contactless (NFC) card it will register a new event.



**2 a** – If the application can connect to the Codeks server, a message containing the server's response will be displayed.



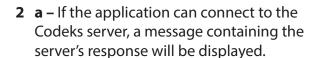
2 b – If the application cannot connect to the Codeks server, the message on the image below will be displayed. The event will be stored as an unsynchronized event and will be sent to the server at a later time when the connection has been reestablished.

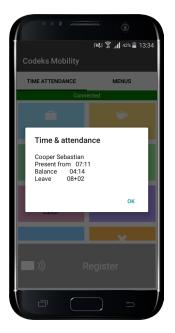


# REGISTERING EVENTS WITH A T&A BUTTON FOR ANOTHER EMPLOYEE

1 To register an event, for which you must press a button when registering at a controller (e.g. business exit or info), first select the appropriate button, then, put the employee's card near the NFC reader of the mobile device.

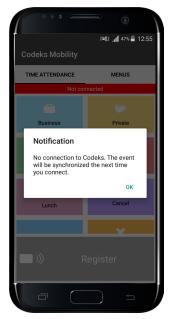
As soon as the device detects a new contactless (NFC) card it will register a new event.







2 b – If the application cannot connect to the Codeks server, the message on the image below will be displayed. The event will be stored as an unsynchronized event and will be sent to the server at a later time when the connection has been reestablished.



# 11 TIME REGISTRATION AT LOCATIONS WITH ASSIGNED LOCATION TAGS

#### **NOTE**

**This function is only available on Android devices.** To date, the iOS mobile devices do not allow NFC card reading.

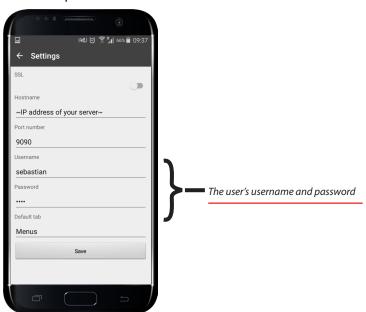
Using the NFC technology (Near Field Communication) of mobile devices the Codeks Mobility application also enables time&attendance registration at specific locations where contactless cards are installed. This functionality is particularly useful for patrols or security guards who have to do regular rounds to various locations of the company premises. For such use, the user (patrol) who will register at these locations must have a virtual card assigned. Similarly to classic mobile time attendance registration, all users register using the simulated T&A controller in the *Time attendance* tab of the mobile application.

#### **NOTE**

To assign virtual cards to users, you need to purchase the Codeks Virtual Card

A virtual card must be assigned to each head of department by a Codeks system administrator in the Users editor.

- 1 First you must turn on the NFC function of your mobile device.
- **2** Then you have to log in to the Codeks Mobility application using your username and password.

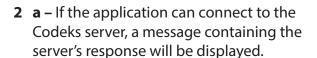


**3** Finally, move to the *Time Attendance* where you can start with employee registration.

# REGISTERING EVENTS WITH A T&A BUTTON AT A LOCATION WITH AN ASSIGNED CARD

1 To register an event, for which you must press a button when registering at a controller (e.g. business exit or info), first select the appropriate button, then, put your mobile device next to the card installed at the location.

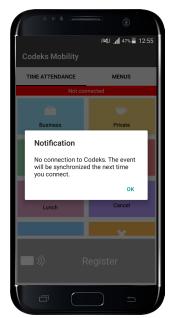
As soon as the mobile device detects the contactless card at the location it will register a new event.







2 b – If the application cannot connect to the Codeks server, the message on the image below will be displayed. The event will be stored as an unsynchronized event and will be sent to the server at a later time when the connection has been reestablished.



### 12 USING CODEKS MOBILITY TO OPEN DOORS

The Codeks Mobility mobile application, from version **Codeks Mobility 3.1.4 for Android and Codeks Mobility 1.8 for iOS devices**, now also includes tools for **opening doors via a Bluetooth or Wifi connection**.

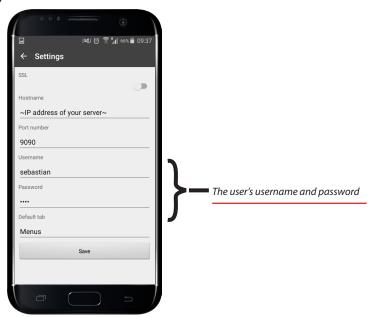
#### NOTE

The new door opening functionality in the Codeks Mobility app can only be used simultaneously with the Codeks software versions Codeks 10.4.14.13794 or newer for T&A systems and Codeks 10.2103.0.15031 or newer for access control systems. Older versions of the Codeks software do not yet support this functionality in Codeks Mobility. When using older versions of the Codeks application the new version of Codeks Mobility will work in the same way as before.



In the Codeks Mobility mobile app, the links for opening different doors can be found under the *Access* tab.

1 First login to the Codeks Mobility app using your user access username and password.



**2** Then, move to the *Access* tab where the links for opening doors are located.

#### **OPEN DOORS USING THE MOBILE APPLICATION**

#### **NOTE**

Communication lines to controllers must have the communication protocol set to V9.

Controllers on which users will be able to open doors with the mobile app must have at least the firmware version 9.8.0 or newer.

#### **NOTE**

Users can open doors with the mobile app via a Wifi connection only when they are located within the local network or if they are provided with a direct connection to the local Codeks network.

#### **NOTE**

Users can only open doors using the Codeks Mobility app via Bluetooth when they also have their location (location services) enabled on their mobile devices.

#### NOTE

Before trying to open doors using the Codeks Mobilty app make sure your Wifi or Bluetooth options on your mobile device are turned on.

- 1 To open the door at ta selected location simply click the button with the name of the location.
- When the doors have been successfully opened the button you pressed will color green.





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