

# COREN<sup>®</sup>

Tecnosicurezza IP safe lock systems management software



## User Manual

[www.tecnosicurezza.it](http://www.tecnosicurezza.it)



# Table of contents

- 1 - COREN overview ..... 4**
- 2 - Software installation ..... 5**
- 3 - First launch of Coren ..... 10**
- 4 – Software layout..... 12**
  - 4.1 – Main menu bar .....12**
    - 4.1.1 - Logout:..... 12
    - 4.1.2 - Change Password..... 12
    - 4.1.3 - Events log ..... 13
    - 4.1.4 – Settings ..... 13
      - 4.1.4.1 – Options.....14
      - 4.1.4.2 – Monitor .....15
      - 4.1.4.3 – Appearance .....17
  - 4.2 – Branches window .....18**
  - 4.3 – Operations menu bar .....19**
    - 4.3.1 – Lock Status ..... 19
    - 4.3.2 – Operate ..... 19
      - 4.3.2.1 – Change code .....20
      - 4.3.2.2 – Start time delay .....21
      - 4.3.2.3 – Stop counting .....21
      - 4.3.2.4 – Time delay override.....21
      - 4.3.2.5 – Block from remote .....22
      - 4.3.2.6 – Immediate timelock .....22
      - 4.3.2.7 – Open extension .....23
    - 4.3.3 – Special functions ..... 24
    - 4.3.4 – Audit ..... 26
    - 4.3.5 – Lock users ..... 28
      - 4.3.5.1 – Update.....28
      - 4.3.5.2 – Install .....29
      - 4.3.5.3 – Enable.....29
      - 4.3.5.4 – Disable.....29
      - 4.3.5.5 – Remove .....29
      - 4.3.5.6 - View .....30
    - 4.3.6 – Configuration ..... 31
      - 4.3.6.1 – Time & Date .....31
      - 4.3.6.2 – Timelock .....31
      - 4.3.6.3 – Time delay .....33
    - 4.3.7 – Software Operators ..... 35
    - 4.3.8 – Branches ..... 36
      - 4.3.8.1 – Add Areas .....37
      - 4.3.8.2 – Add Branches .....37
      - 4.3.8.3 – Add Safes.....38
      - 4.3.8.4 – Add Locks .....39

## 1 - COREN overview

*Coren* is a management software designed to allow a centralized control over your entire network of safes, vaults, strong room doors equipped with the Tecnosicurezza Techmaster safe-lock system.

*Coren*, developed entirely by the R&D department of Tecnosicurezza, has a user-friendly interface, and finds its ideal application in organizations with large branch networks, such as banks, post office, retail and restaurant chains.

Concluded the first configuration and specified the characteristics of the network such as IP addresses, communication ports and/or DHCP management, you can proceed immediately with the use of software, by identifying an operator and the password to access the system.

Each operator can be fully configured, so that it may or may not manage certain features/options of the locks and systems.

The twofold objective behind the software is to allow a complete real-time remote monitoring of all systems, without any limitation to their number or the number of safes belonging to them, and give the possibility to remotely change the configuration of users, Time Lock, Time Delay , etc., individually or on groups of locks.

*Coren* thus eliminates the need to travel to the plants, with a consequent reduction of costs of maintenance.

In *Coren* you can enable or disable the display of specific alarms, allowing also to modify the graphical visualization of the events. This allows you to highlight the more important information, ensuring an easy and immediate real-time monitoring of the systems.

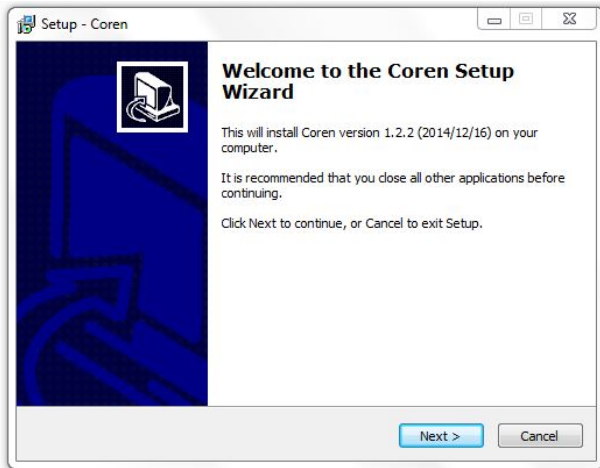
*Coren* can also be used by cashiers, as you can create one or more operators,"cashier", which have the only possibility to change their own code and start the time delay directly from their PC on the locks to which they have access. Then the SW *Coren* will inform the operator when the lock is in Open window, preventing the cashier to move in continuation to the safe/safes, thereby increasing his productivity.

Last but not least, *Coren* can be customized. Operational needs vary from company to company, which is why Tecnosicurezza believes it is the technology that has to adapt to customer needs and not the other way around.

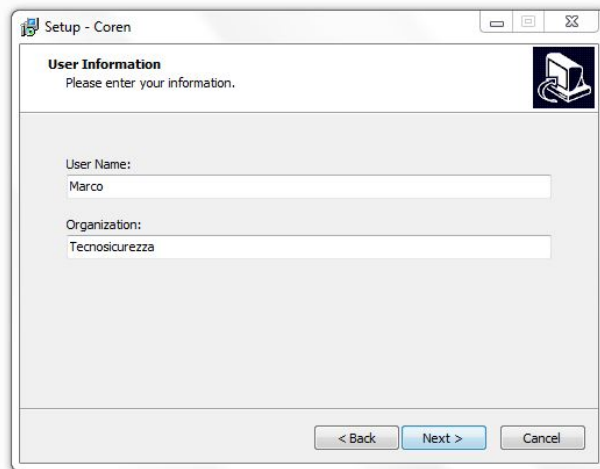
## 2 - Software installation

Complete the following steps to install the *Coren* software.

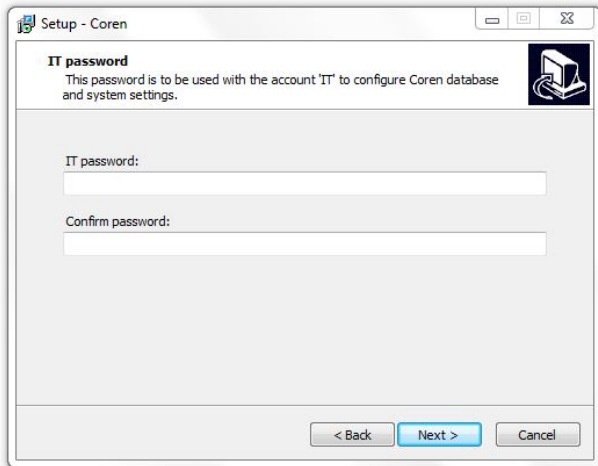
- a) Launch the product installer by double-clicking the .exe file and then click **Next**.



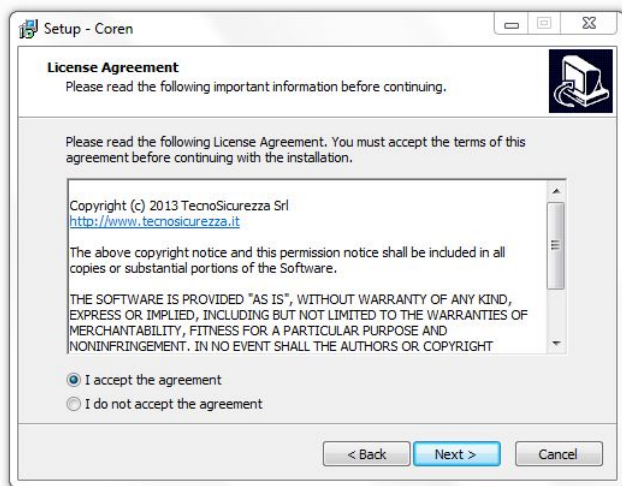
- b) Enter your name and organization and then click **Next**.



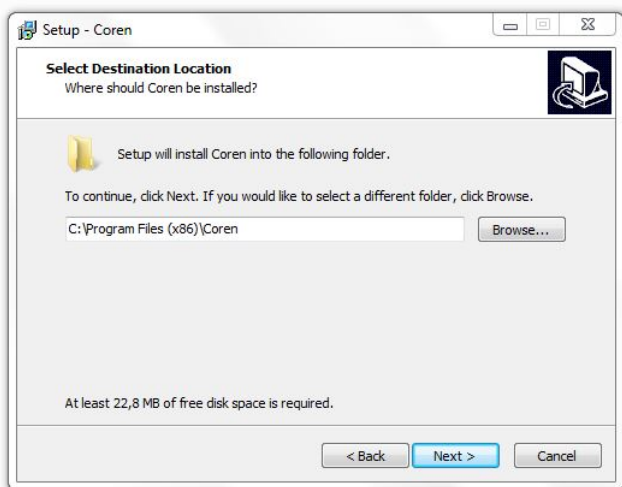
- c) During the installation, it will be created the software operator "IT", who has database management and system setup functions. You will be asked to choose a password for this operator. Once you have entered the password click **Next**.



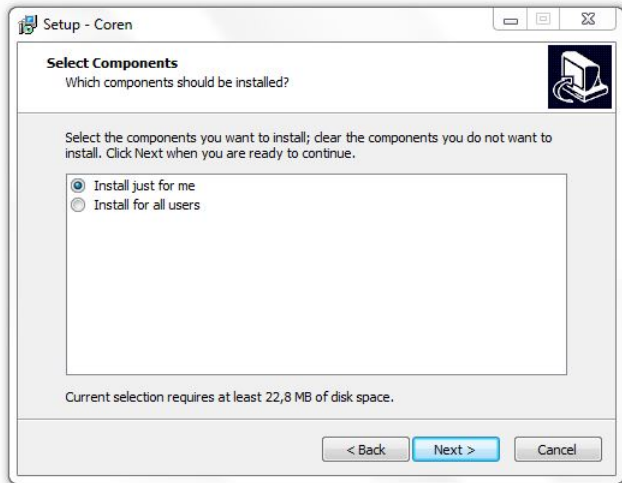
d) After reading the License Agreement, select “I accept the agreement” and click **Next**.



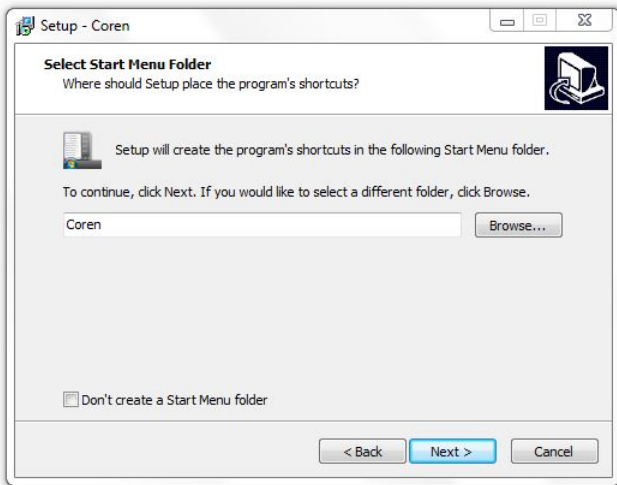
e) Select the destination location and click **Next**.



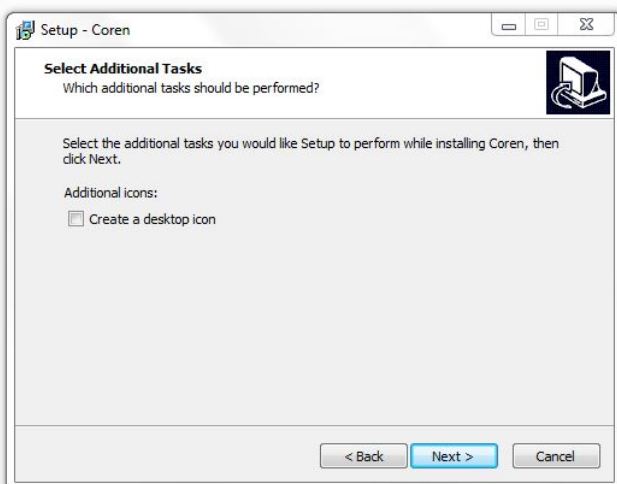
f) Choose if you want *Coren* to be used for all Windows users or only by you and click **Next**.



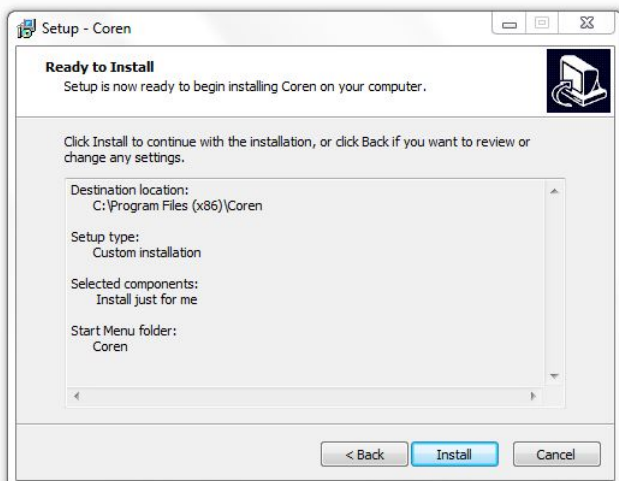
g) Select where you want the program's shortcuts and click **Next**.



h) Choose if you want to create a desktop icon and click **Next**.



i) Click **Next** to begin the installation.



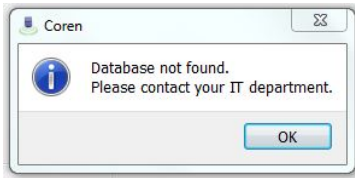


j) The installation is completed.



### 3 - First launch of Coren

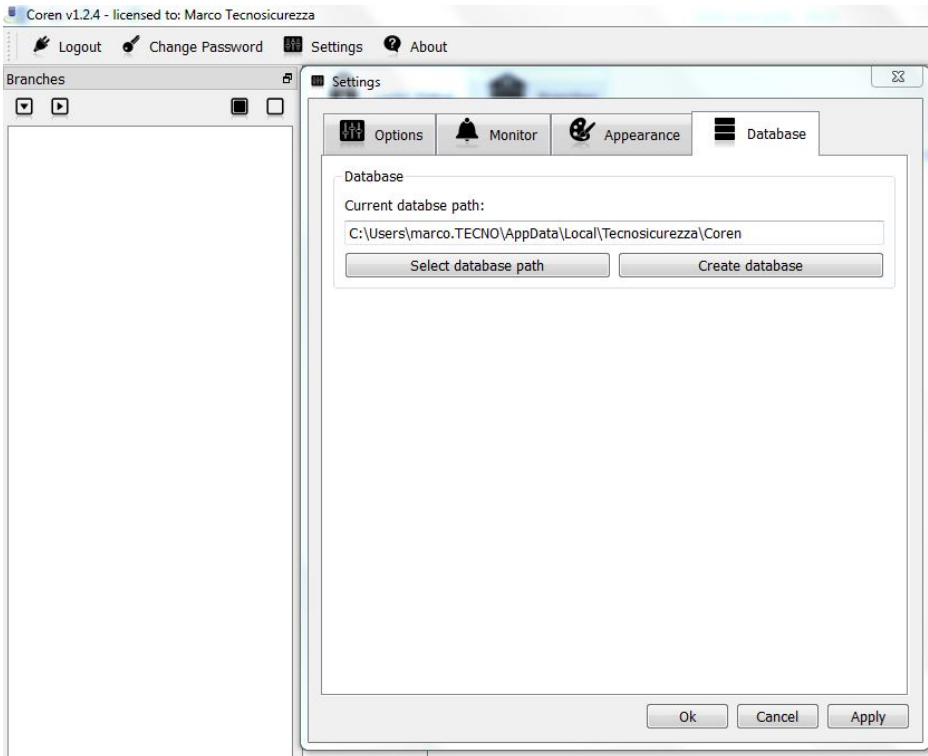
After installation, at the first launch *Coren* will display this message:



This message is displayed because *Coren* requires a database to run and the database has to be created. In order to create the database, it is necessary to log in with the IT operator. Click **OK** and log in with the IT operator using the password chosen during the installation.

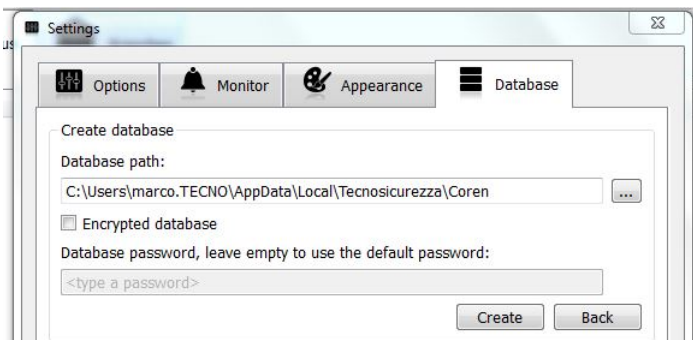


Click the button **Settings** to open the **Settings** window and then select the tab **Database**. *Coren* will suggest a database path. If you want to select a different path, click the button **Select database path** and choose the folder when you want to create the database. It is recommended to place the database in a folder backed up daily.



Click **Create database** to display the **create database** screen.

If you want to create an encrypted database, select the appropriate option and type-in a password for the database. Click the button **Create**.

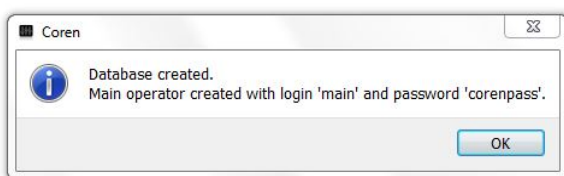


The database is created.

It will also be created a new user for access to the software with the following credentials (which can be modified later. See chapter 4.3.7):

**Software operator:** main

**Password:** corenpass



## 4 – Software layout

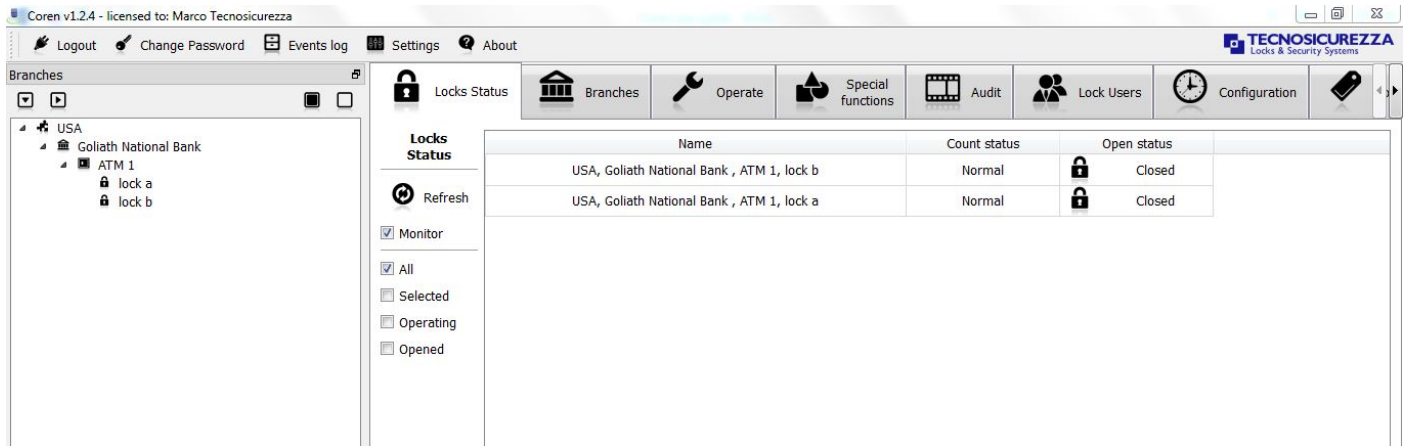
The layout of *Coren* is clean and intuitive.

Commands and information are grouped into 3 main blocks.

On the top, there is the main menu bar.

Below the main menu bar, on the left side are displayed the locks of the system, shown in a tree view (Areas, Branches, Safes, Locks).

Whereas, on the right side there is the operations menu bar, divided into 8 tabs.



### 4.1 – Main menu bar

The *Coren* main menu bar consists of 5 commands:



#### 4.1.1 - Logout:

Click **Logout** to log-out the current operator.

#### 4.1.2 - Change Password

Click **Change Password** to change the password of the current operator.

It is required to type-in the old password, the new password and then to type-in the new password a second time as confirmation.



### 4.1.3 - Events log

Click **Events log** to view the log of events.

The **Events** header contains the following information about the events:

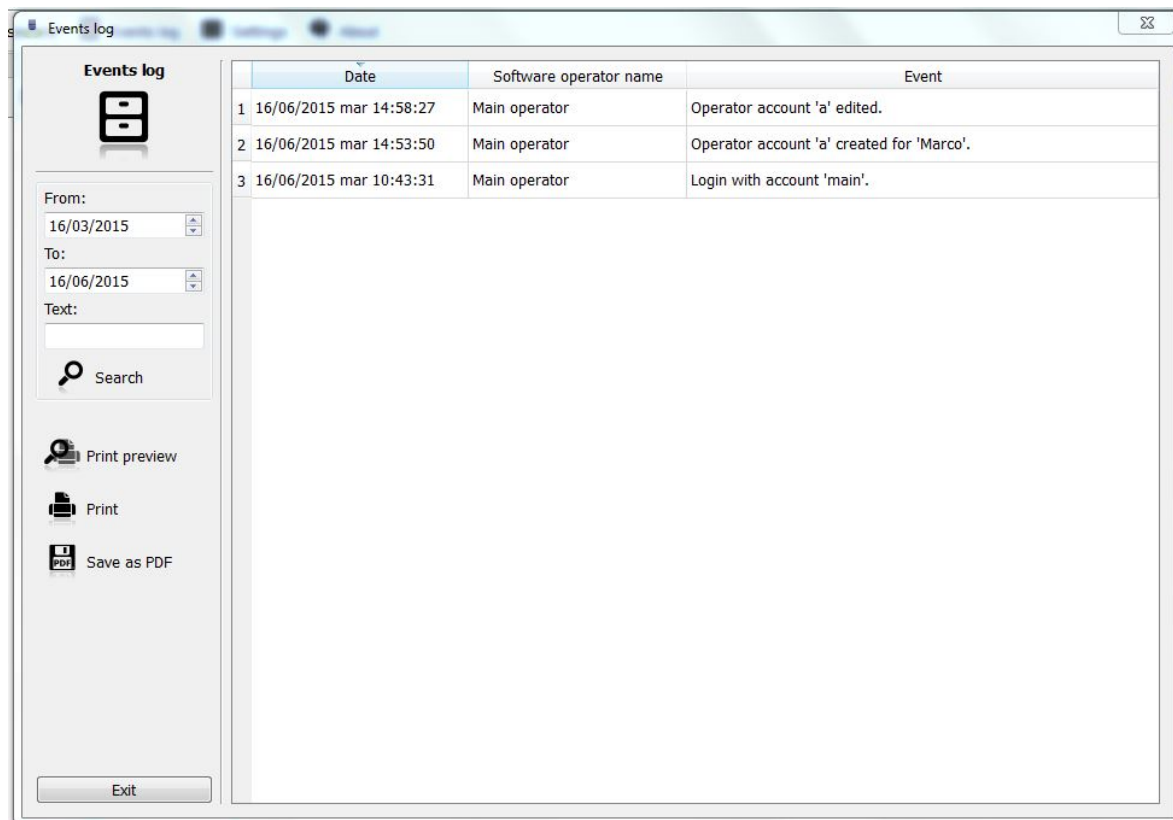
**Date:** The date and time when the event occurred.

**Software operator name:** The user name of the user that was logged-in when the event occurred.

**Event:** The description of the event.

The default view of events log is to list all its entries. If you want to find a specific event, you can search for a specific word and/or filter for a date range.

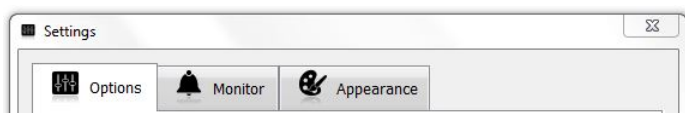
Furthermore, it is possible to print or save in PDF format the list of events.



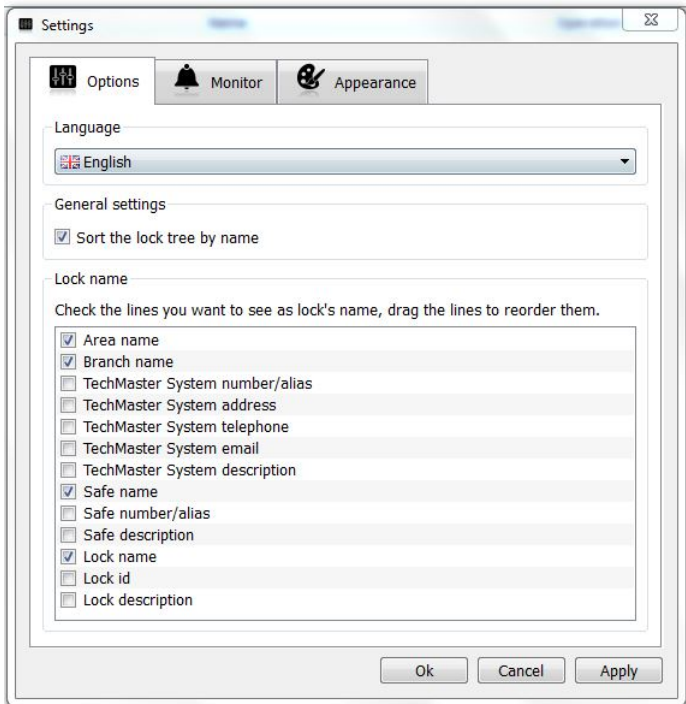
### 4.1.4 – Settings

Click **Settings** to open the **settings** windows.

In this window, there are 3 different screens that can be viewed by clicking on the relevant tab..



4.1.4.1 – Options



**Language**

Click on the drop-down list to select the language for the software. Once the language is selected, click **Apply** and then OK to close the **Settings** window.

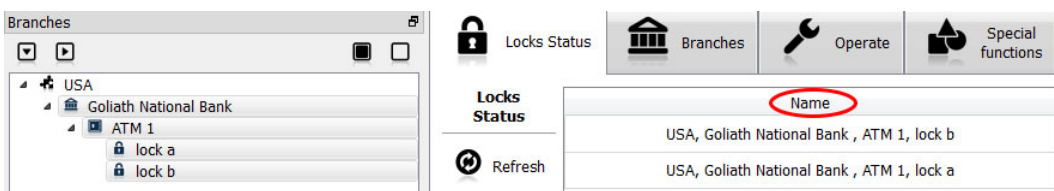
The language change will be fully active after you restart Coren.

**General settings**

Select the check-box if you want to sort the lock tree by name. When this option is deselected, locks will be shown in the order they were added.

**Lock name**

Select the check-box of the lines you want to see in the lock name header in the **Locks Status** main window



You can drag the lines to re-order them to your preference.

Lock name

Check the lines you want to see as lock's name, drag the lines to reorder them.

- Area name
- Branch name
- TechMaster System number/alias
- TechMaster System address
- TechMaster System telephone
- TechMaster System email
- TechMaster System description
- Safe name
- Safe number/alias
- Safe description
- Lock name
- Lock id
- Lock description

#### 4.1.4.2 – Monitor

The **Monitor** screen is divided into the following 3 screens that can be viewed by clicking on the relevant subtabs:

##### Triggers

Select the check-box of the events for which you want to trigger an action.

In the bottom part of the window, there are 2 options related to the triggers.

In **Second between monitor queries** you can select the polling interval, that is the frequency with which the system checks its I/O.

In **Minutes before door open alarm** you can select the time (in minutes) in which the door should remain open before the open door alarm is activated. If you select the value 0, the alarm is disabled.

Settings

Options Monitor Appearance

Triggers Actions Emails

Select the triggers:

- Time delay
- Open window
- Penalty
- Offline/Errors
- Lock open
- Lock open alarm
- Lock closed

Options

Seconds between monitor queries: 3

Minutes before door open alarm (0 to disable): 0

**⚠** You need the Monitor function enabled for the triggers to work.

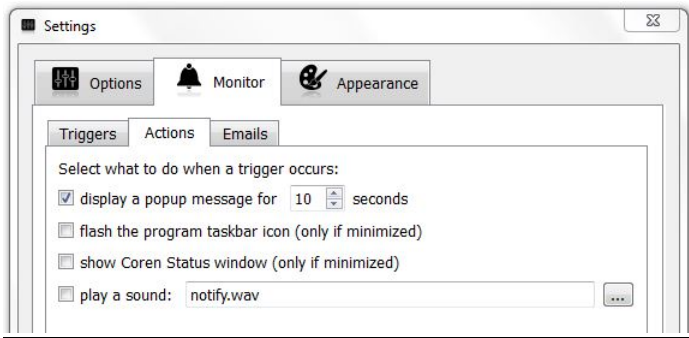
Ok Cancel Apply

##### Actions

In the **Actions** screen, you can select the actions you want to trigger when a trigger you selected in the **Triggers** subtab occurs.

Select the check-box of the actions you want to trigger.

In addition to the actions listed, you can send emails. See the **Emails** screen to set this action.





## Emails

In order to send an email when a trigger occurs you need to select the related checkbox and specify the SMTP parameters for the connection to the email server.

**Server:** enter the path to the email server.

**Port:** enter the SMTP port number.

**SSL:** Select this checkbox if the email server requires the SSL protocol in the authentication process.

**Username:** Enter the username of the email account to be used by *Coren* to send notification emails.

**Password:** Enter the password of the email account to be used by *Coren* to send notification emails.

**Repeat a same email only after (0 to disable):** Enter the minimum time between the sending of the same email

**Email recipients:** enter the email address of the recipients (one email per line).

**Subject:** Enter the subject of the notification email. You can use the tags **%N** for the lock name, **%S** for the lock status and **%D** for the date.

**Content:** Enter the content of the notification email. You can use the tags **%N** for the lock name, **%S** for the lock status and **%D** for the date.

The screenshot shows the 'Settings' window with the 'Emails' tab selected. The 'Triggers' tab is also visible. The 'Emails' section has a checkbox 'Send an email when a trigger occurs.' which is checked. Below it are fields for 'SMTP server', 'port' (set to 465), and 'SSL' (checked). There are also fields for 'Authentication' (username and password) and 'Limits' (repeat a same email only after: 0 minutes). The 'Email' section has a text area for 'recipients', a 'subject' field with the text 'Coren report', and a 'content' field with the text 'On %D: %N %S'. At the bottom are 'Ok', 'Cancel', and 'Apply' buttons.

Click **Apply** to save the changes and leave the **Settings** window open.

Click **OK** to save the changes and close the **Settings** window.

### 4.1.4.3 – Appearance

In this tab you can set some graphic options so that you can display data in the clearest way for you.

The first two options are for the font.

**Size:** Enter the desired size for the font.

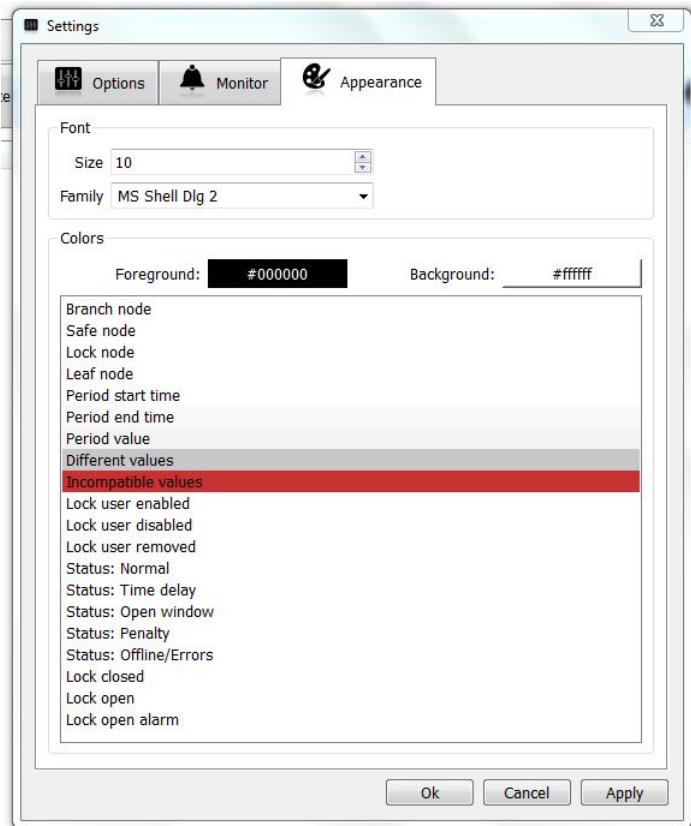
**Family:** Click on the drop-down list to select the font for the text used in *Coren*.

The other options are for the colours of the events and information displayed.

It is possible to change the colour of the text (**foreground**) and the colour of the **background** of the text.

Click the type of event/information for which you would like to change the colour and then click the rectangle at the right side of **Foreground** to select the colour of the text or click the rectangle at the right side of **Background** to select the background colour of the text.

You will make the colour selection in the **Select color** window that will open after you click the rectangles.



Click **Apply** to save the changes and leave the **Settings** window open.

Click **OK** to save the changes and close the **Settings** window.

## 4.2 – Branches window

In this window you can view all the parts of the systems managed by *Coren*.

The Lock systems are defined by 4 levels.

The first level is Area. In each **Area** you can add **Branches** (second level). For each **Branch** you can add **Safes** (third level). For each **Safe** you can add up to 5 locks.

In practice with the term safe we mean the keypad that manages the locks.

You can have an unlimited number of **Areas**, **Branches** and **Safes**.


You can add **Areas**, **Branches**, **Safes** and **Locks** in the **Branches** tab of the **Operations** menu bar.

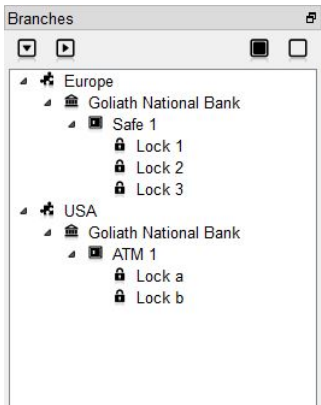
Click the **down arrow icon**  to expand all lines.

Click the **right arrow icon**  to collapse all lines.

Click the **filled square icon**  to select all lines.

Click the **blank square icon**  to deselect the selected lines.

Click the **right arrow**  at the side of each line to expand it of one level.



### 4.3 – Operations menu bar

The Operations menu bar is divided in 8 tabs.

You can change the order of these tabs by dragging them while holding down the left button of the mouse.



#### 4.3.1 – Lock Status

In the **Lock Status** screen you can view the status of the locks managed by *Coren*.

Select the check-box **Monitor** if you want *Coren* to monitor the lock status automatically.

If the **Monitor** check-box is deselected, you have to manually refresh the status of the lock by clicking the button **Refresh**.

Below the **Monitor** check-box, there are further 4 check-boxes.

With these check-boxes you can select which locks to show.

Select the check-box **All** if you want to see the status of all locks (whether they are online or offline).

Select the check-box **Selected** if you want to see only the status of the locks selected in the **Branches** window (see chapter 4.2).

Select the check-box **Operating** if you want to see the status only of the locks that are operating.

Select the check-box **Opened** if you want to see the status only of the opened locks.

The options **Operating** and **Opened** will show also the locks that are Offline.



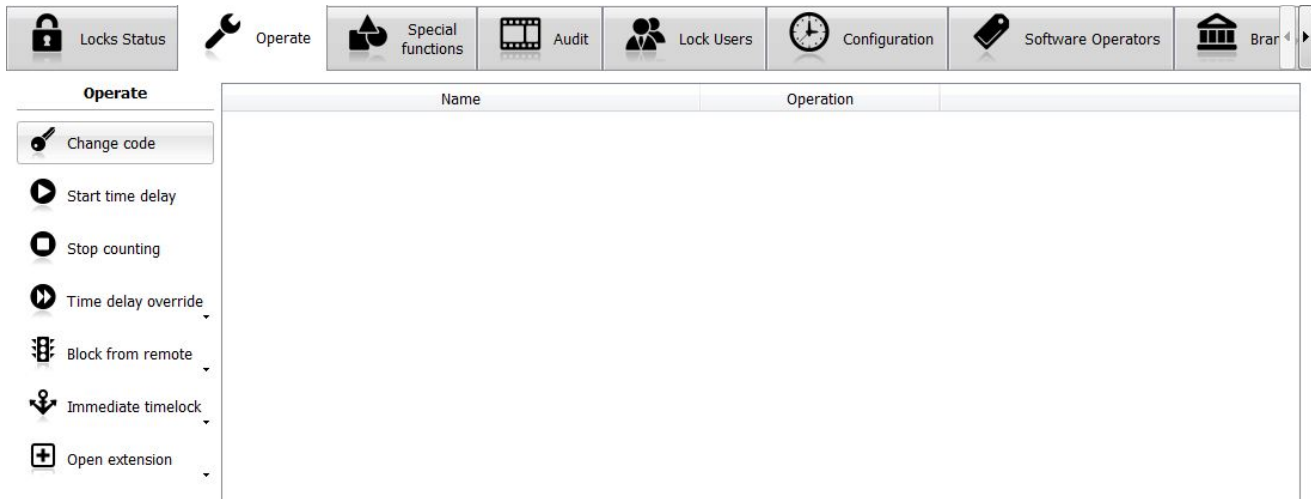
#### 4.3.2 – Operate

In the **Operate** screen, there are 7 commands.

The first 3 commands (**Change code**, **Start time delay**, **Stop counting**) will be all active if you select a lock in the **Branches** window (see chapter 4.2).

The remainder commands will be active only if you select a safe in the **Branches** window (see chapter 4.2).

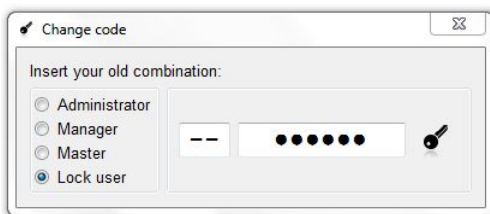
Clicking the command will open the relevant window.



#### 4.3.2.1 – Change code

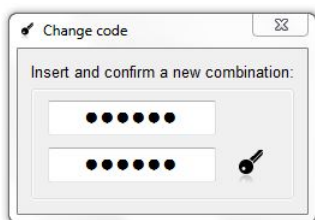
With this command you can change the users' PIN code.

Select for which type of user you want to change the PIN code (Administrator, Manager, Master, Lock user) and enter the old PIN code.

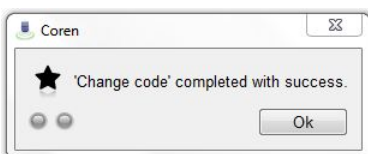


After you enter the old PIN code, a new window will open.

In this window you have to enter the new PIN code and confirm it.



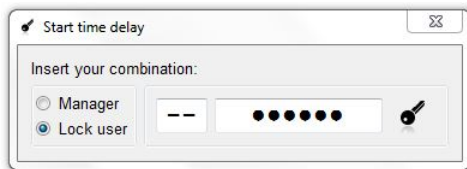
A message will confirm if the operation is completed successfully.



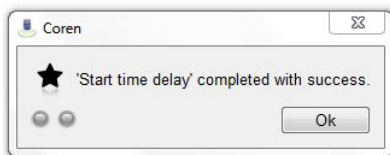
#### 4.3.2.2 – Start time delay

With this command you can start the time delay for the lock/locks you selected in the in the **Branches** window (see chapter 4.2).

Select the type of user (Manager or Lock user) with whom you want to execute the command and enter its PIN code.



A message will confirm if the operation is completed successfully.

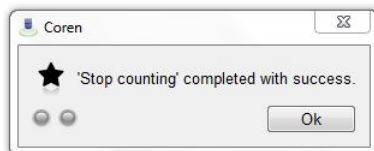


#### 4.3.2.3 – Stop counting

With this command you can stop the counting of the time delay.

Click the **Stop counting** button to stop the time delay counting.

A message will confirm if the operation is completed successfully.



#### 4.3.2.4 – Time delay override

This command is active only if you select a safe in the **Branches** window (see chapter 4.2).

With this command you can activate the **Time delay override** function that allows to all users to override the time delay.

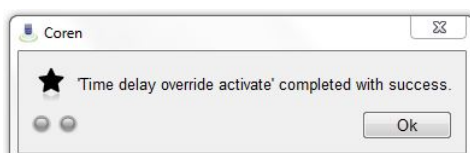
Click the **Time delay override** button to open a drop-down list.

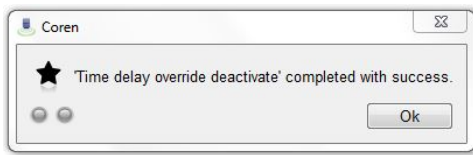
Click **Check** to check if the **Time delay override** function is activated or not.

Click **Activate** and enter the administrator code when requested, in order to activate the **Time delay override** function.

Click **Deactivate** and enter the administrator code when requested, in order to to deactivate the **Time delay override** function.

A message will confirm if the operations are completed successfully.





#### 4.3.2.5 – Block from remote

This command is active only if you select a safe in the **Branches** window (see chapter 4.2).

With this command you can activate the **Block from remote** function, that blocks all the locks connected to safe/safes selected in the **Branches** window (see chapter 4.2).

Click the **Block from remote** button to open a drop-down list.

Click **Check** to check if the **Block from remote** function is activated or not.

Click **Activate** and enter the administrator code in the window that will open, in order to activate the **Block from remote** function.

Click **Deactivate** and enter the administrator code when requested, in order to deactivate the **Block from remote** function.

A message will confirm if the operations are completed successfully.



#### 4.3.2.6 – Immediate timelock

This command is active only if you select a safe in the **Branches** window (see chapter 4.2).

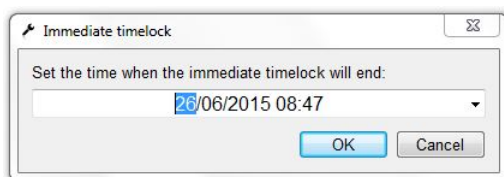
With this command you can activate the **Immediate timelock** function, that keeps blocked all the locks connected to safe/safes selected in the **Branches** window (see chapter 4.2) from the moment the function is activated until it is reached a pre set time.

Click the **Immediate timelock** button to open a drop-down list.

Click **Check** to check if the **Immediate timelock** function is activated or not.

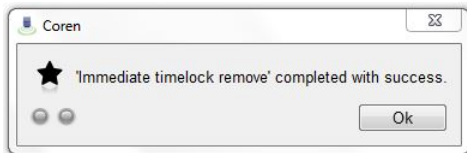
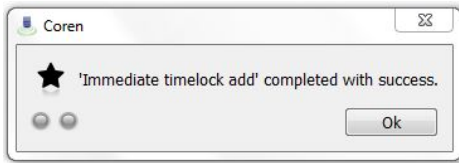
Click **Activate** to open the **Immediate timelock** window and enter the time and date when you want the immediate timelock to end.

Click OK and enter the administrator code when requested, in order to activate the **Immediate timelock** function.



Click **Deactivate** and enter the administrator code when requested in order to deactivate the **Immediate timelock** function.

A message will confirm if the operations are completed successfully.



#### 4.3.2.7 – Open extension

This command is active only if you select a safe in the **Branches** window (see chapter 4.2).

With this command you can activate the **Open extension** function, that extends the opening period of the time lock until the time and date you enter.

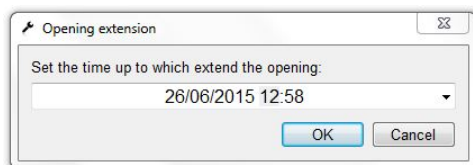
**Open extension** works only when a time lock is set.

Click the **Open extension** button to open a drop-down list.

Click **Check** to check if the **Open extension** function is activated or not.

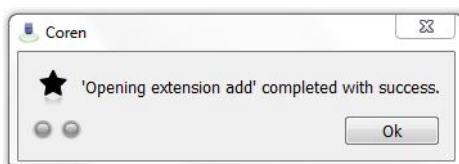
Click **Activate** to open the **Open extension** window and enter the time and date up to which extend the opening.

The maximum limit of the opening extension is 4 hours.



Click **Deactivate** and enter the administrator code when requested, in order to deactivate the **Open extension** function.

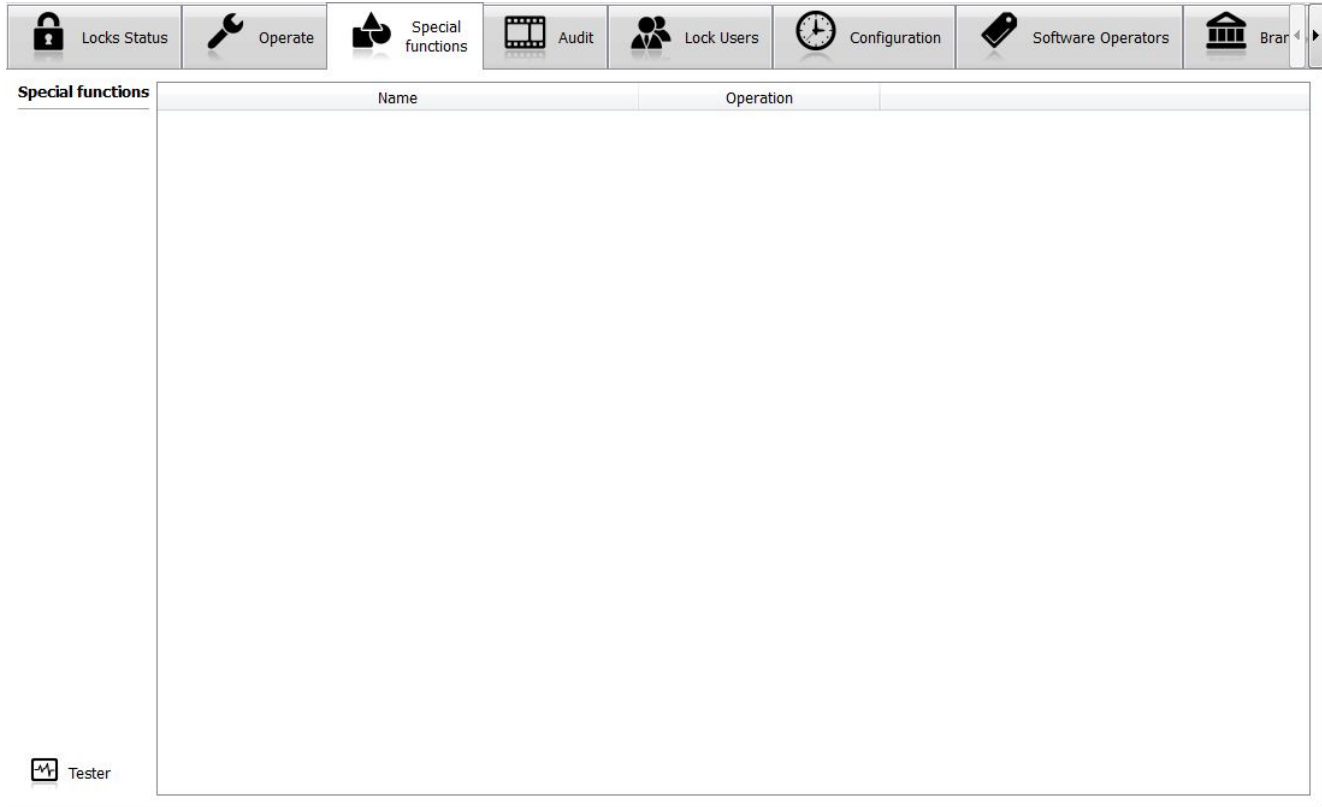
A message will confirm if the operations are completed successfully.



### 4.3.3 – Special functions

In the **Special functions** screen you can find the **Tester** function.

Through the **Tester** function, you can check the operation of the system’s components (keypad, locks, I/O interfaces, etc.) and check the firmware version of the above parts.



Click the **Tester** button  **Tester** to open the **Tester** window.

Select which components to check:

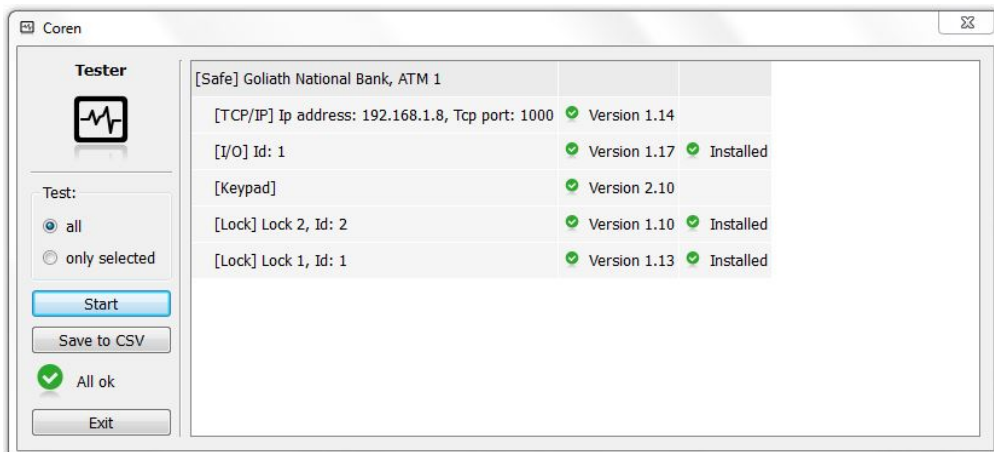
**All:** Check all safes managed by *Coren*.

**Only selected:** Check only the safes you selected in the in the **Branches** window (see chapter 4.2).

Click the **start** button to to execute the test.

Once the test is completed, you can export the results in a .CSV file.

Click **Save to CSV** to open a window where you can specify name and destination of the .CSV file.







#### 4.3.4 – Audit

In the **Audit** screen you can download the locks and/or keypads activity.

Click the **Download** button to open a drop-down list.

From the list you can select which audit trail to download:

Select the checkbox **Locks** to download the audit trail of the locks, select the checkbox **Keypads** to download the audit trail of the Keypads, select both checkboxes to download the audit trail of the locks and keypads.

After selecting which audit trail to download, you have to select the number of events you want to download: 20, 50, 100 or all events.

Depending on the number of **Locks** and **Keypads** managed by *Coren*, the information will be displayed on several screens that can be called up by clicking on the relevant tab.

The **Audit** header contains the following information about the event:

**Date:** The date and time when the event occurred.

**Lock user:** The lock user correlated to the event. It can be blank if the event is not correlated to any users.

**Event:** The description of the event

	Date	Lock user	Event
1	08/07/2015 12.35.26	-	Wrong combination (F5)
2	07/07/2015 15.58.51	Manager	Access with time update (02)
3	07/07/2015 15.58.41	Administrator	Access (01)
4	07/07/2015 15.58.41	Administrator	Access (01)
5	07/07/2015 15.57.51	-	Bolt closed (F9)
6	07/07/2015 15.57.40	Manager	Bolt opened (05)
7	07/07/2015 15.57.40	Manager	Motor activation (04)
8	07/07/2015 15.57.39	Manager	Open window started (09)
9	07/07/2015 15.57.38	Manager	Access with time update (02)
10	07/07/2015 15.58.48	-	Reset box detected (FA)
11	07/07/2015 15.51.59	Administrator	Access (01)
12	07/07/2015 15.51.58	Administrator	Access (01)
13	07/07/2015 15.51.30	-	Bolt closed (F9)
14	07/07/2015 15.51.27	Master	Access with time update (02)
15	07/07/2015 15.51.11	Lock user 52	Bolt opened (05)
16	07/07/2015 15.51.10	Lock user 52	Motor activation (04)
17	07/07/2015 15.51.10	Manager	Access with time update (02)

Click the button **Clear** to clear the **Audit** screen.

You can print or save the audit trail

Click the button **Print preview** to open a window showing the print preview of the audit trail shown in the **Audit** screen.

Click the button **Print** to open the **Print** window. In the **Print** window you can select and set the preferences of the printer and execute the print.

Click the button **Save as PDF** to open a window where you can specify name and destination of the .PDF file with the audit trail.

Click the button **Save as CSV** to open a window where you can specify name and destination of the .CSV file with the audit trail.



### 4.3.5 – Lock users

In the **Lock users** screen you can manage the users of the locks.

In the left side of the screen you can find the buttons for the commands whereas in the right side, it is shown the information.

To download the list of the lock users, select one or more locks in the **Branches** window (see chapter 4.2) and click the **Update** button.

Users are divided in 3 groups (**Users**, **Override users** and **Special users**) and you can see the relevant group by clicking the specific tab.

The **Lock Users** header contain the following information about users:

**ID:** The identification number of the user.

**Name:** The name of the user. By default the user name is “Lock user” + “ID” (e.g. for the user 2, the name is “Lock user 2”). You can change the user name in the **Lock user status** window . To open it, click the **View** button or double-click the user name (this last procedure is valid if you have selected one single lock in the **Branches** window).

**Status:** The status of the user.

There are 3 different status:

**Deleted:** The user is deleted (not installed).

**Enabled:** The user is enabled (active).

**Disabled:** The user is disabled (not active).

If you selected 2 or more locks in the **Branches** window (see chapter 4.2), when a user does not share the same status among the locks, it will be shown the message **“Different values”** in the **Status** column.

Id	Name	Status
2	Lock user 2	Different values
3	Lock user 3	Enabled
4	Lock user 4	Deleted
5	Lock user 5	Deleted
6	Lock user 6	Deleted
7	Lock user 7	Deleted
8	Lock user 8	Deleted
9	Lock user 9	Deleted
10	Lock user 10	Deleted
11	Lock user 11	Deleted
12	Lock user 12	Deleted
13	Lock user 13	Deleted
14	Lock user 14	Deleted

In the left side of the **lock users** screen there are 6 commands.

Click the user name to highlight the applicable commands for that user.

It is possible to perform the same operation on multiple locks provided that they share the same status (it is not possible if in the **Status** column is indicated **“Different values”**).

#### 4.3.5.1 – Update

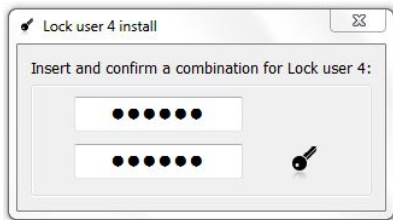
With this command you download and update the list of the users who will be shown in the right side of **the Lock users** screen.

#### 4.3.5.2 – Install

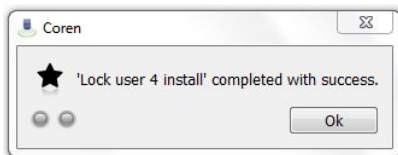
With this command you can install an user who is deleted.

To install the user click the button **Install** and enter the administrator code when requested.

A new window will open where you have to enter and confirm a PIN code for the user you are installing.



A message will confirm if the operation is completed successfully.

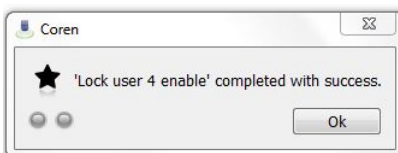


#### 4.3.5.3 – Enable

With this command you can enable an user who is disabled.

Click the button **Enable** and enter the administrator code when requested.

A message will confirm if the operation is completed successfully.

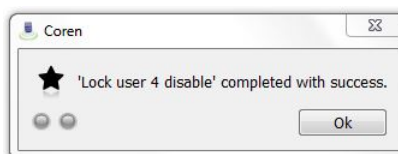


#### 4.3.5.4 – Disable

With this command you can disable an user who is enabled.

Click the button **Disable** and enter the administrator code when requested.

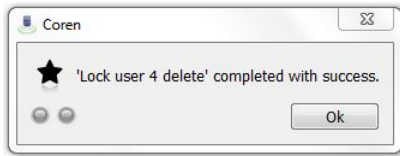
A message will confirm if the operation is completed successfully.



#### 4.3.5.5 – Remove

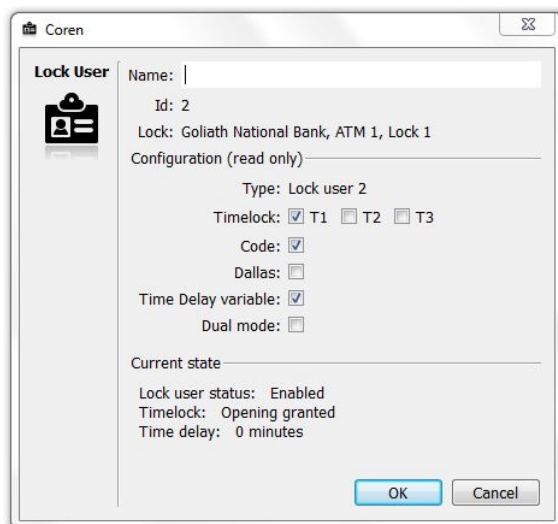
With this command you can remove (delete) an user who is installed (whether it is enabled or disabled).

Click the button **Remove** and enter the administrator code when requested.  
A message will confirm if the operation is completed successfully.



#### 4.3.5.6 - View

With this command you can view the status and the configuration of the user you select.  
You can use this command only if in the **Branches** window (see chapter 4.2) is selected one lock.  
If you selected multiple locks, when you click the **view** button, an error message will inform you that you have to select only one lock to view the user configuration.  
Click the **view** button to open the window where you can view the lock status and configuration.



In this window you can see the following information:

**Name:** Here it is indicated the name of the user and you can change or add it.

This is the only changeable field because the other information of this window is “read only”.

**Id:** Here it is indicated the identification number of the user.

**Lock:** Here it is indicated to which lock the user belongs.

#### Configuration

**Type:** Here it is indicated the type of user.

**Timelock:** Here it is indicated if the user is subject to time lock and at which one (Time lock 1, Time lock 2, Time lock 3).

**Code:** Here it is indicated if the user

**Dallas:**

**Time Delay variable:** Here it is indicated if the user is subject to the variable Time Delay.

**Dual mode:** Here it is indicated if the user is subject to Dual mode.

#### Current state

**Lock user status:** Here it is indicated if the user is currently enabled or disabled.

**Timelock:** Here it is indicated whether at present the user can open or not.

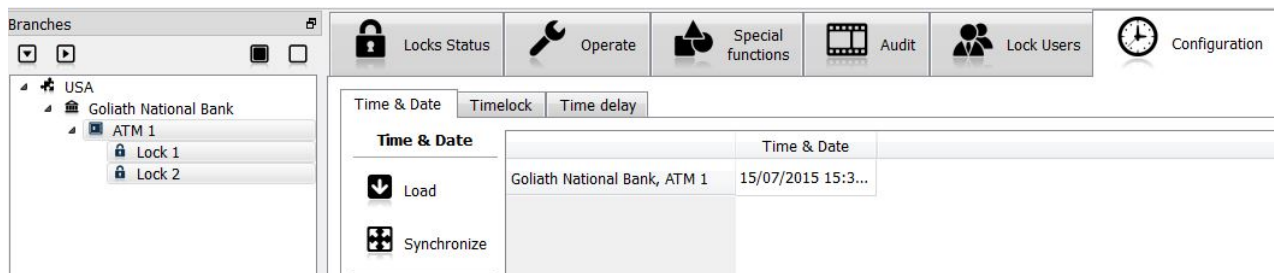
**Time Delay:** Here it is indicated the Time Delay to which the user is currently subject. 0 minutes means no Time Delay.

### 4.3.6 – Configuration

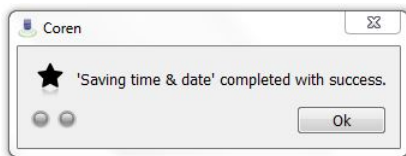
In the Configuration screen you can change the settings of the **Time & Date**, **Timelock** and **Time delay**. These settings are located in 3 different screens that can be viewed by clicking on the relevant tab.

#### 4.3.6.1 – Time & Date

In the **Time & Date** screen you can check and synchronize the time and date of the locks. In order to check and synchronize the time and date, first you have to select a safe (keypad) in the **Branches** window (see chapter 4.2).

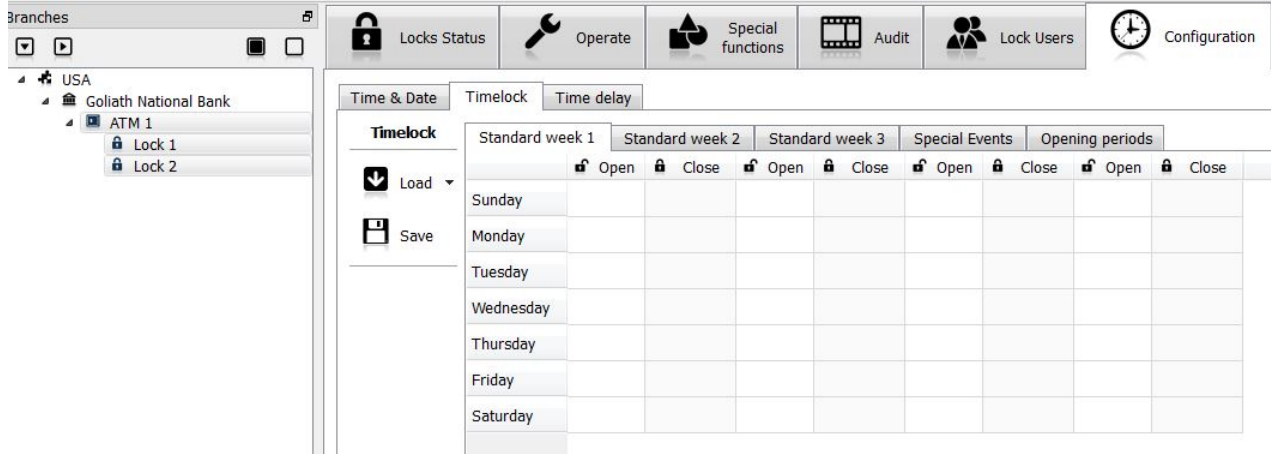


Click the **Load** button to check the time and date memorized in the keypad. To synchronize the time and date of the keypad with the one of the PC running *Coren*, click the **Synchronize** button and enter the administrator code when requested. A message will confirm if the operation is completed successfully.

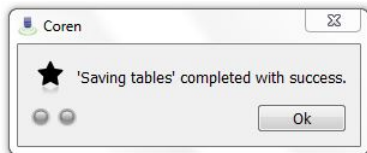


#### 4.3.6.2 – Timelock

In the **Timelock** screen you can program the Time lock function. In order to program the Time lock function, first you have to select in the **Branches** window (see chapter 4.2) the safe (keypad) or safes for which you want to set/modify the Time lock. The **Timelock** screen is divided in 5 subscreens that can be viewed by clicking on the relevant subtab. The *Techmaster lock system* can manage up to 3 independent Time Locks tables and you can program them selecting the relevant tab (**Standard week 1**, **Standard week 2**, **Standard week 3**). In the **Standard week (1 or 2 or 3)** subscreen, click the **Load** button to download and view the Time Lock table that is currently memorized in the keypad. From the drop-down list of the **Load** button you can also choose to download the 3 Time Lock tables (Standard week 1, Standard week 2, Standard week 3) all at once. To enter the opening and closing time, click on the relevant box and enter the time. You can enter the time directly using the keyboard of the computer where *Coren* is installed or you can use the up and down arrows that will appear once you click the box. You can configure up to 4 time periods per day. To save the values you entered, click the **Save** button and enter the administrator code when requested.

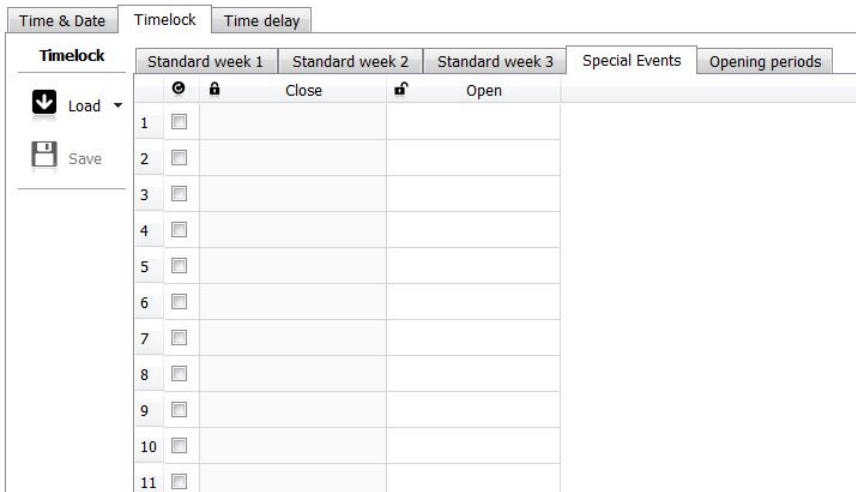


A message will confirm if the operation is completed successfully.

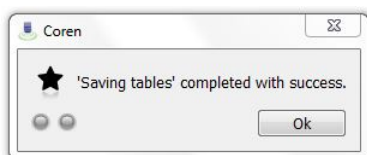


In the **Special events** subscreen you can add up to 30 closing periods for a maximum of 10 days each. To enter the **Special events**, click on the relevant box and enter the time. You can enter the time directly using the keyboard of the computer where *Coren* is installed or you can use the up and down arrows that will appear once you click the box.

To save the values you entered, click the **Save** button and enter the administrator code when requested.



A message will confirm if the operation is completed successfully.

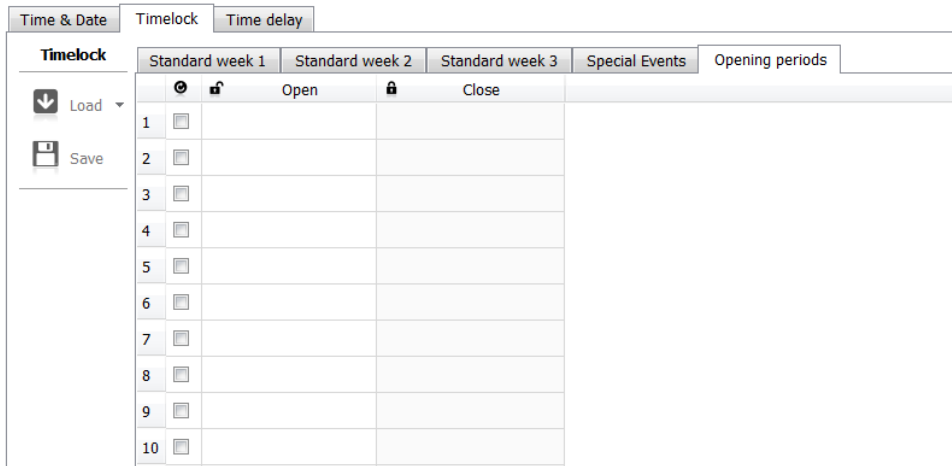


In the **Opening period** subscreen you can add up to 30 opening periods for a maximum of 10 days each.

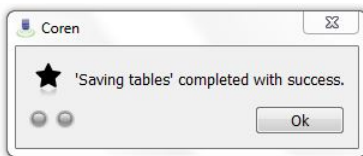


To enter the **Opening periods**, click on the relevant box and enter the time. You can enter the time directly using the keyboard of the computer where *Coren* is installed or you can use the up and down arrows that will appear once you click the box.

To save the values you entered, click the **Save** button and enter the administrator code when requested.



A message will confirm if the operation is completed successfully.



#### 4.3.6.3 – Time delay

In the **Time delay** screen you can program the Time delay function.

In order to program the Time delay function, first you have to select in the **Branches** window (see chapter 4.2) the safe (keypad) or safes for which you want to set/modify the Time delay.

The **Time delay** screen is divided in 2 subscreens, **Time Delay & Open window** and **Variable time delay**, that can be viewed by clicking on the relevant subtab.

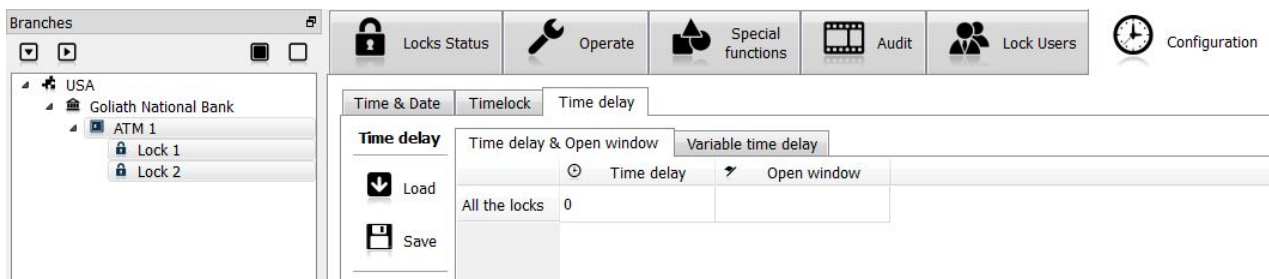
In the **Time delay & Open window** subscreen, click the **Load** button to download and view the Time delay and Open Window values currently memorized in the keypad.

To enter the Time delay and Open Window, click on the relevant box and enter the values (expressed in minutes).

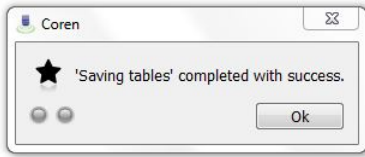
You can enter the time directly using the keyboard of the computer where *Coren* is installed or you can use the up and down arrows that will appear once you click the box.

Accepted values are: 00 – 99 mins for **Time Delay** and 01 – 19 mins for **Open window**

To save the values you entered, click the **Save** button and enter the administrator code when requested.



A message will confirm if the operation is completed successfully.



In the **Variable time delay** subscreen, click the **Load** button to download and view the Variable time delay values currently memorized in the keypad.

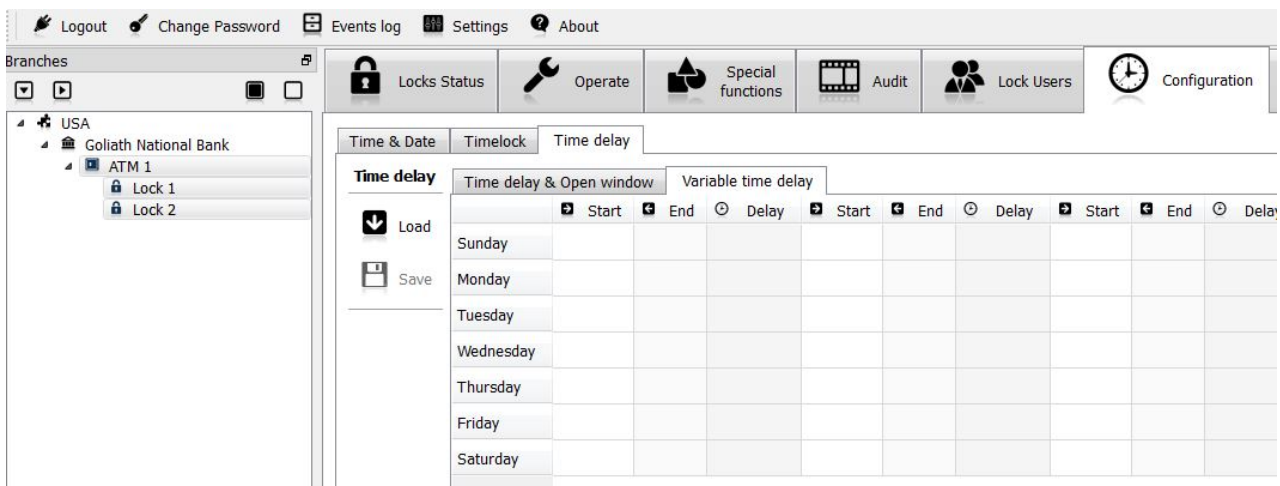
To enter the **Variable time delay** values, click the relevant box and enter the values. You can enter the time directly using the keyboard of the computer where *Coren* is installed or you can use the up and down arrows that will appear once you click the box.

In the **Start** and **End** boxes you have to enter the starting time and ending time in which the **Variable time delay** will be active.

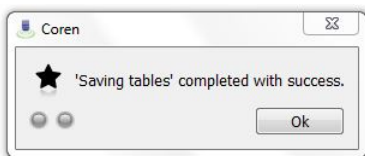
In the **Delay** box you have to enter the **Variable time delay** value (expressed in minutes).

You can configure up to 4 periods.

To save the values you entered, click the **Save** button and enter the administrator code when requested.



A message will confirm if the operation is completed successfully.



In the example below, we program the lock to allow an opening without **Time delay** (0 minutes) in the time band that runs from Monday to Friday, from 08:30 to 09:00.

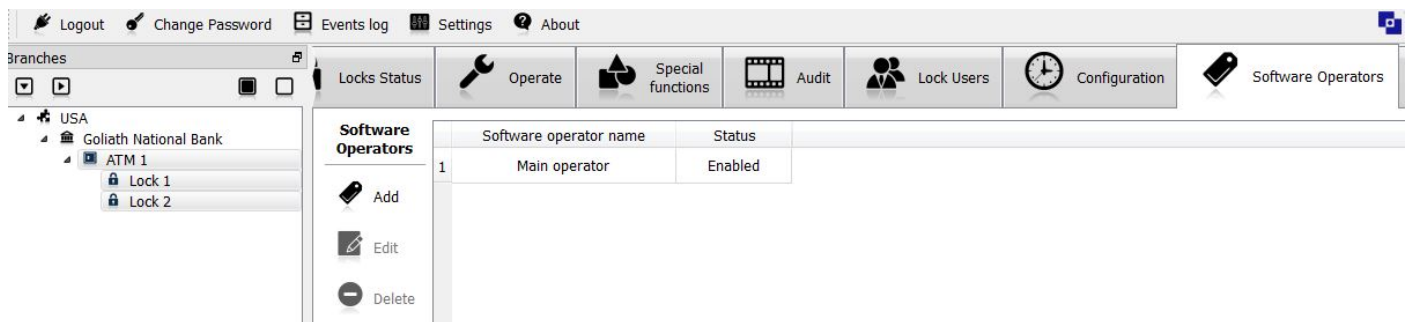
Outside this time band, the lock will return to open with the preset **Time delay**.

Time delay		Time delay & Open window		Variable time delay	
	Start	End	Delay	Start	End
Sunday					
Monday	08:30	09:00	0		
Tuesday	08:30	09:00	0		
Wednesday	08:30	09:00	0		
Thursday	08:30	09:00	0		
Friday	08:30	09:00	0		
Saturday					

### 4.3.7 – Software Operators

In the **Software Operators** screen you can add, edit and delete the software operators.

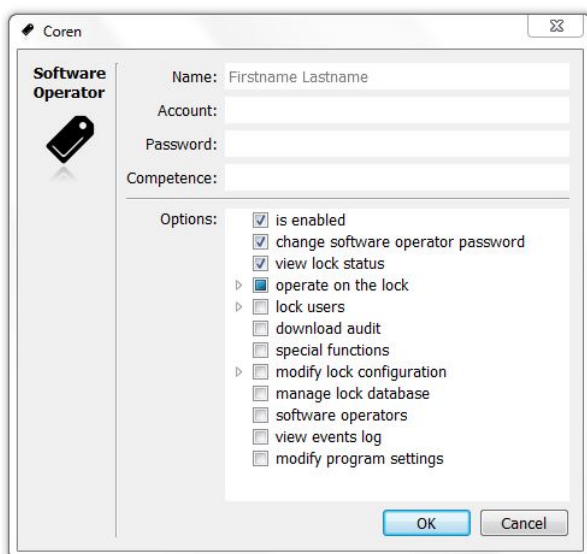
By default, here you can find the user **main**, automatically created during the software installation (see chapter 3).



To add a software operator click the **Add** button.

To edit a software operator select the software operator name and click the **Edit** button (or double-click the software operator name).

In both case, the **Software Operator** window will open.



This window consists of 4 fields and an **Options** area with several check-boxes.

The fields are:

IU\_Coren\_00\_eng

v. 1.2.4

Page 35 of 40

**Name:** Enter the Name and surname of the software operator (compulsory field).

**Account:** Enter the desired Login name (compulsory field).

**Password:** Enter the password (minimum 6 characters. Compulsory field).

**Competence:** Enter the descriptive field where it can be specified the function of the operator (optional).

In the **Options** area you can define which operations are granted to the software operator you are creating.


The options available are the following:

**Is enabled:** If selected, the software operator is enabled.


**Change software operator password:** If selected, the software operator can change its password (it has access to the **Change Password** button on the main menu bar).

**View lock status:** If selected, the software operator can view the locks status (it has access to the **Locks Status** screen).

**Operate on the lock:** If selected, the software operator can operate on the lock (it has access to the **Operate** screen).


You can also grant single operations. Click the right arrow  to expand the selection and select which operations are granted to the software operator.

**Lock users:** If selected, the software operator can manage the lock users (it has access to the **Lock users** screen). You

can also grant the management of a single group of users. Click the right arrow  to expand the selection and select the group of users that can be managed. Select **Lock users group 1** for **Users** and **Override users**. Select **Lock users group 2** for **Special Users**.

**Download audit:** If selected, the software operator can download the audit (it has access to the **Audit** screen).

**Special functions:** If selected, the software operator can operate the special functions (it has access to the **Special functions** screen).

**Modify lock configuration:** If selected, the software operator can modify the lock configuration (it has access to the **Configuration** screen). You can also select which configurations can be modified. Click the right arrow  to expand the selection and select the configurations that can be modified.

**Manage lock database:** If selected, the software operator can add/remove locks in the system (it has access to the **Branches** screen).

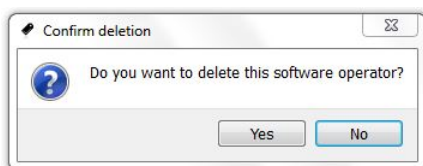
**Software operators:** If selected, the software operator can manage the software operators (it has access to the **Software Operators** screen).

**View events log:** If selected, the software operator can view the events log (it has access to the **events log** button in the main menu bar).

**Modify program settings:** If selected, the software operator can modify the program settings (it has access to the **Settings** button in the main menu bar).

To delete a software operator, select the software operator name and click the **Delete** button.

A **Confirm deletion** window will open. Click the **Yes** button to confirm.



#### 4.3.8 – Branches

In the **Branches** screen you can add and remove locks in the system.

After the first installation, there are no locks in the system.

As explained in the chapter 4.2, the lock systems are defined by 4 levels.

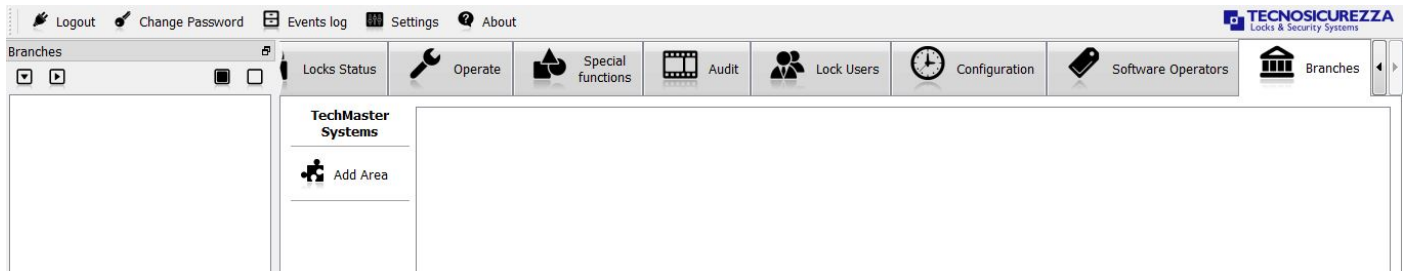
The first level is **Area**. In each **Area** you can add **Branches** (second level). For each **Branch** you can add **Safes** (third level).

For each **Safe** you can add up to 5 **Locks**.

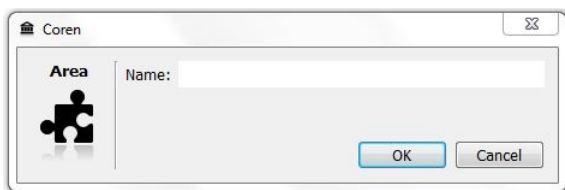
In practice with the term safe we mean the keypad that manages the locks.

In order to add **Locks**, first you have to add the other levels of the lock system (**Areas, Branches, Safes**)

#### 4.3.8.1 – Add Areas



Click the **Add Area** button to open the **Add Area** window where you have to enter the name of the **Area**.

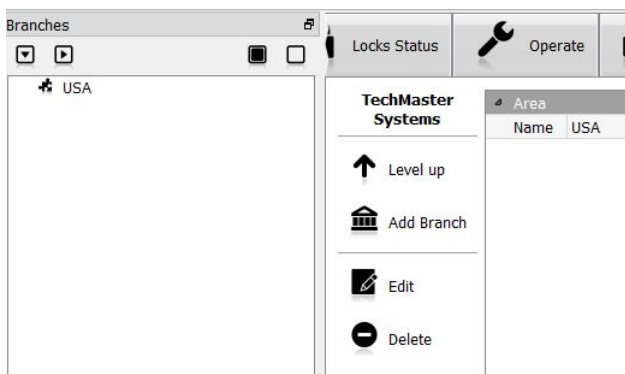


Click **OK** to add the **Area**.

#### 4.3.8.2 – Add Branches

After adding an **Area**, you have to add a **Branches** in the area.

Select the **Area** for which you want to add **Branches** and click the **Add Branch** button.



The **Add Branch** window will open.

Here you have to add the name of the **Branch** (compulsory) and other information (optional).

Coren

**TechMaster System**

Name:

Number:

Telephone:

Email:

Address:

Competence:

Description:

OK Cancel

Click **OK** to add the **Branch**.

#### 4.3.8.3 – Add Safes

After adding a **Branch**, you have to add **Safes** in the **Branch**.

Select the **Branch** for which you want to add **Safes** and click the **Add Safe** button.

Branches

Locks Status Operate Special functions

USA  
Goliath National Bank

**TechMaster Systems**

Level up  
Add Safe  
Edit  
Delete

Area	
Name	USA
Branch	
Name	Goliath National Bank
Number	
Telephone	
Email	
Address	

The **Add Safe** window will open.

Here you have to enter the following information:

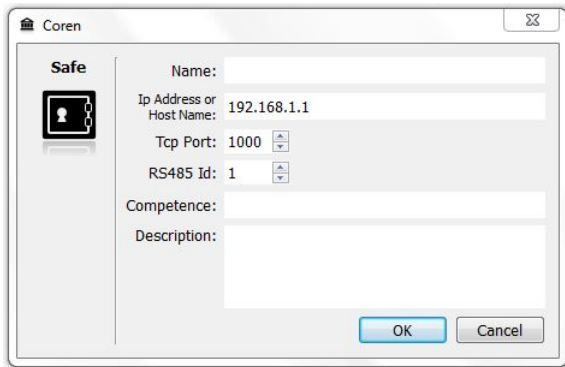
**Name:** Enter the name of the safe

**IP Address or Host Name:** Enter the IP address or the Host Name of the IP box connected to the Techmaster keypad

**Tcp port:** Enter the TCP port of the IP box connected to the Techmaster keypad

**RS485 Id:** Enter the RS485 ID of the IP box connected to the Techmaster keypad. Each safe has to have a different RS485 ID. The RS485 ID can be set from the Techmaster keypad (in the **CONFIGURATION** menu select the **CONFIGURE I/O INTERFACE** option, click the **v** button and enter the RS485 ID)

Besides the previous listed compulsory fields, there are 2 optional descriptive fields (**Competence** and **Description**) where you can add information useful for the identification of the safe.



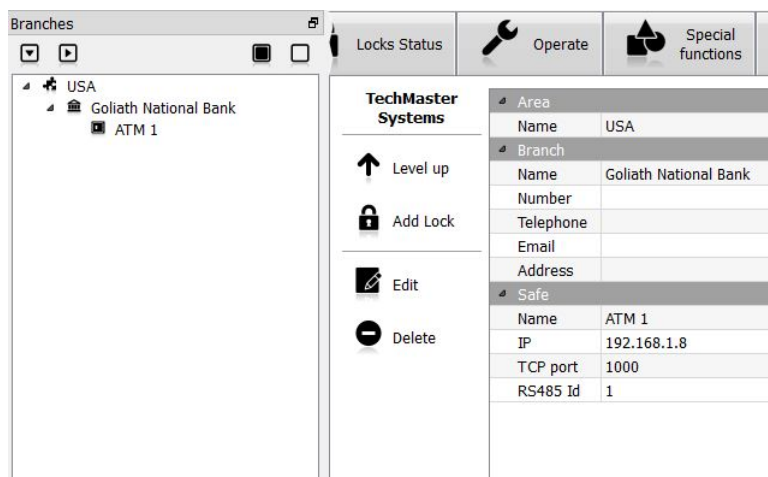
Click **OK** to add the **Safe**.

#### 4.3.8.4 – Add Locks

After adding a **Safe**, you have to add **Locks** in the **Safe**.

Select the **Safe** where you want to add **locks** and click the **Add Lock** button.

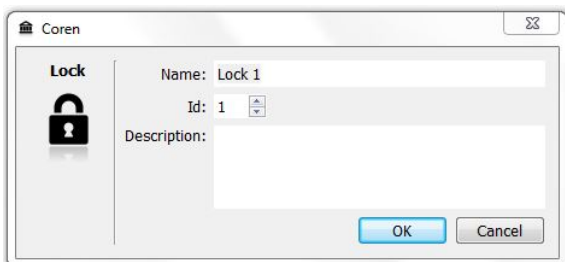
You can add up to 5 locks for each **Safe** (keypad).



The **Add Lock** window will open.

Here you have to enter the name of the lock and the Id of the lock (from 1 to 5). Each lock must have a different Id.

As optional, there is a descriptive field (Description), where you can add information useful for the identification of the lock.





TECNOSICUREZZA S.r.l.

Via Cesare Battisti 276 – 37057  
S. Giovanni Lupatoto  
Verona Italy

Tel. +39 045 826 64 70  
Fax + 39 045 826 64 69  
Email: [info@tecnosicurezza.it](mailto:info@tecnosicurezza.it)