Dynamic Codes (One Time Codes) - DYAMA

Dynamic code

Lock
GOLIATH NATIONAL BANK; ATM 1; A (Id 1)

User
John Smith

Valid from
03/02/2015 15.52

Expires in
1 hour

Generate dynamic code

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How it works

The function "dynamic codes" allows to control the opening of the electronics lock using a 9 digit code valid for a single use only (One Time Code).

The dynamic code (One Time Code) is generated by the software DYAMA, to which the operator can access using his own username and password. The generated code is valid only for the user and lock for which it was generated. This code also has a start date and start time, and a duration, all set by software.

After being used, the code is deleted and can no longer be used.

The validity of the code ceases when the lock is opened or at the preset expiry date.

With a single software you can control an unlimited number of locks without the need for a connection between computer and electronics lock.

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Application

Using the TECNOSICUREZZA electronic locks with the "dyanamic codes" (One Time Code) function is the best way to raise the security level in all applications where more people have the need to access the same safe (Cash In Transit personnel, technical maintenance personnel, etc.).

For this reason, locks with dynamic codes find their ideal use in Cash In Transit applications, such as:
- ATM
- Cash recyclers
- Transfer safes
- Night depository
- Deposit safes

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Lock opening sequence with the "Dynamic code" (One time code) function.

■ **IN THE SOFTWARE**

■ **AT THE LOCK**

SELECT USER (DALLAS/PIN) WHO WILL OPEN

↓

SELECT THE LOCK TO BE OPENED

↓

GENERATE DYNAMIC CODE (O.T.C.)

↓

INSERT USER ID (DALLAS/PIN)

↓

INSERT DYNAMIC CODE (O.T.C.)

OPEN THE LOCK

↓

CLOSE THE LOCK

↓

CLOSING CODE DISPLAYED

↓

ENTER THE CLOSING CODE

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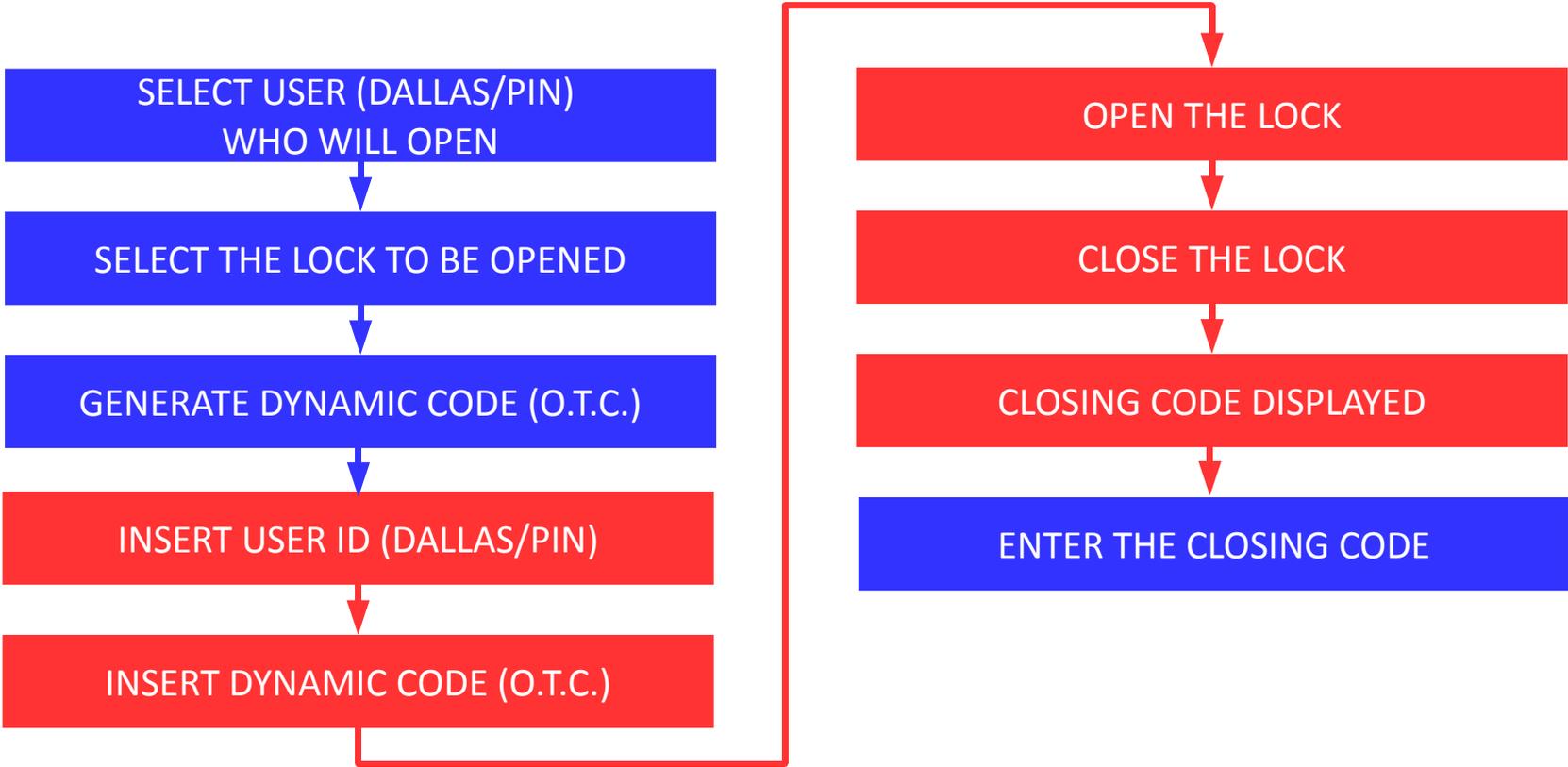
Dynamic codes can be used in the following systems:

TechMaster

MiniTech

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Software Dyama

Dynamic codes are generated by means of the software Dyama.
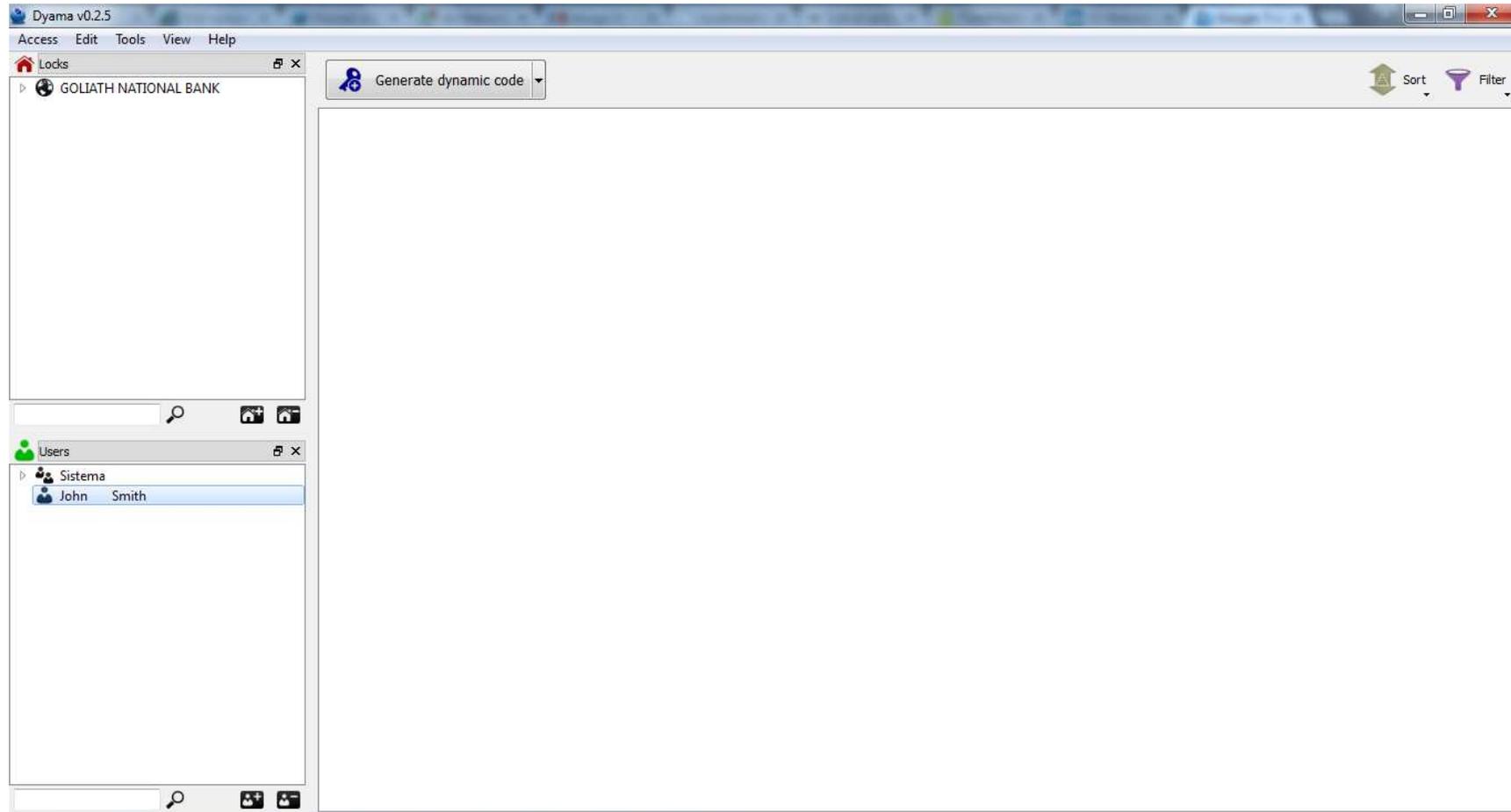
Creating and selecting a database

At first start of Dyama you must select or create the database where the data will be stored.
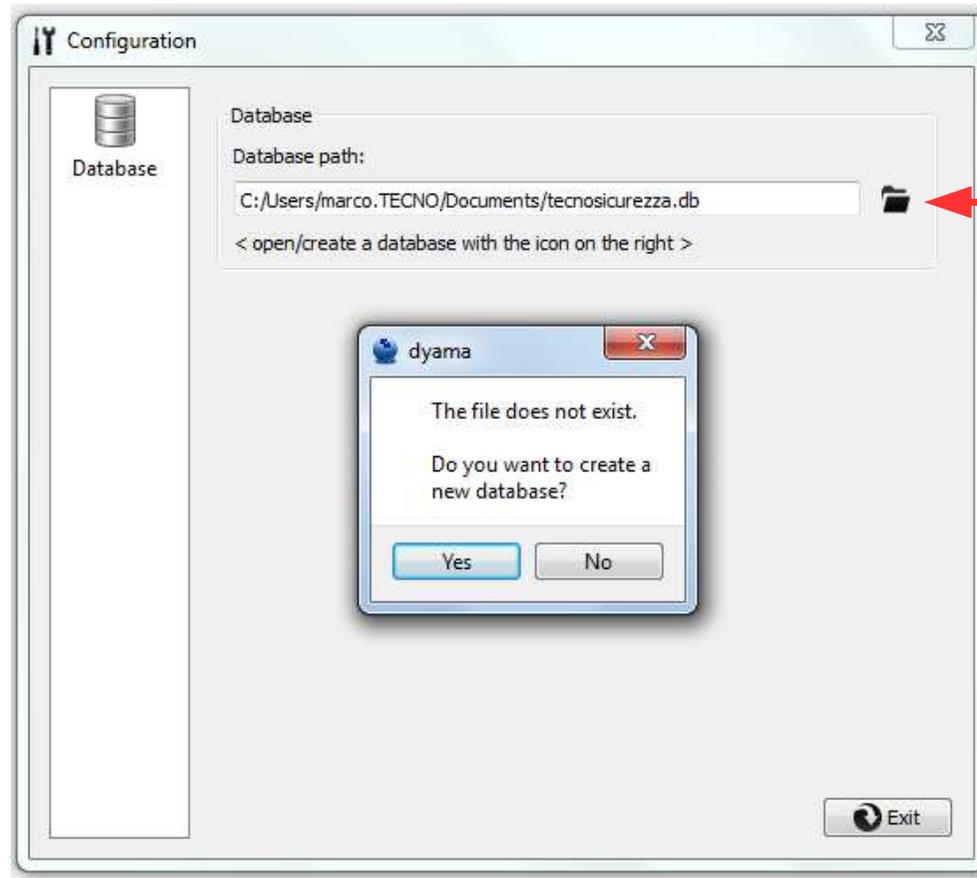
Select the database (if existing) or specify the path where to save the new database

Programming the lock

Dynamic codes do not require a direct connection between software and lock.
The only requirement is initialising the lock by means of a setup dallas key and a installation code.

The first step is to arrange the setup Dallas Key
In order to arrange it, connect a Dynamic codes setup Dallas Key to the Dallas key reader and press the "Program iButton" button
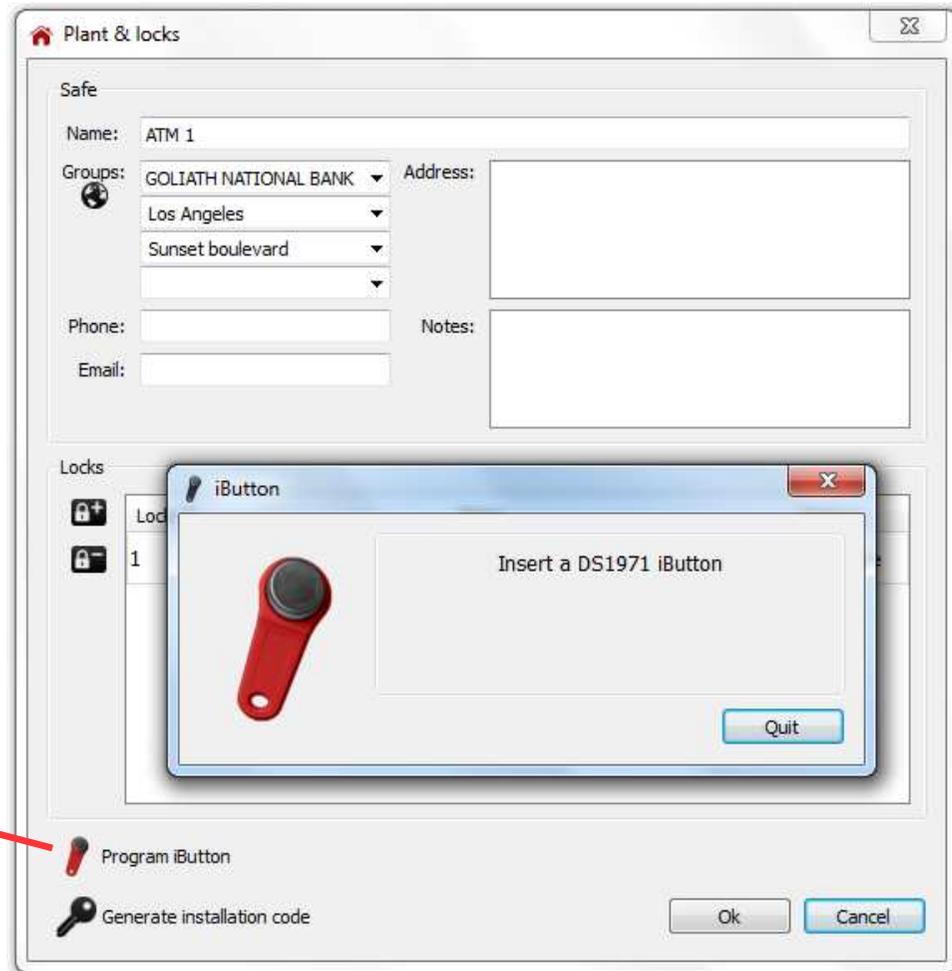
Programming the lock

The second step is generating the installation code by clicking on the "Generate installation code" button.
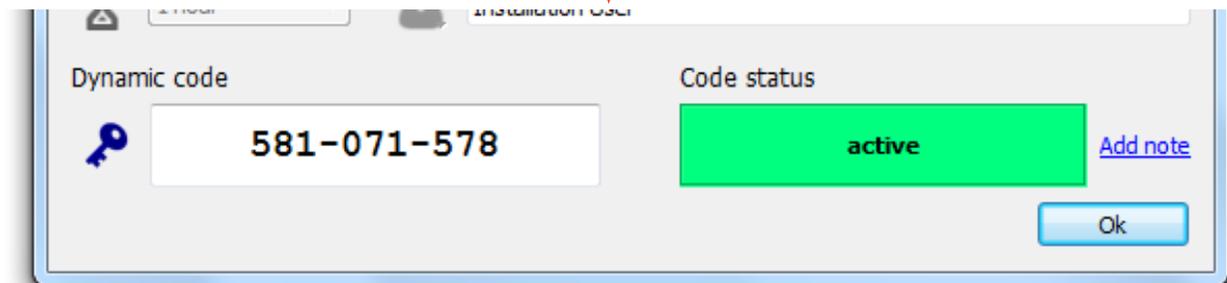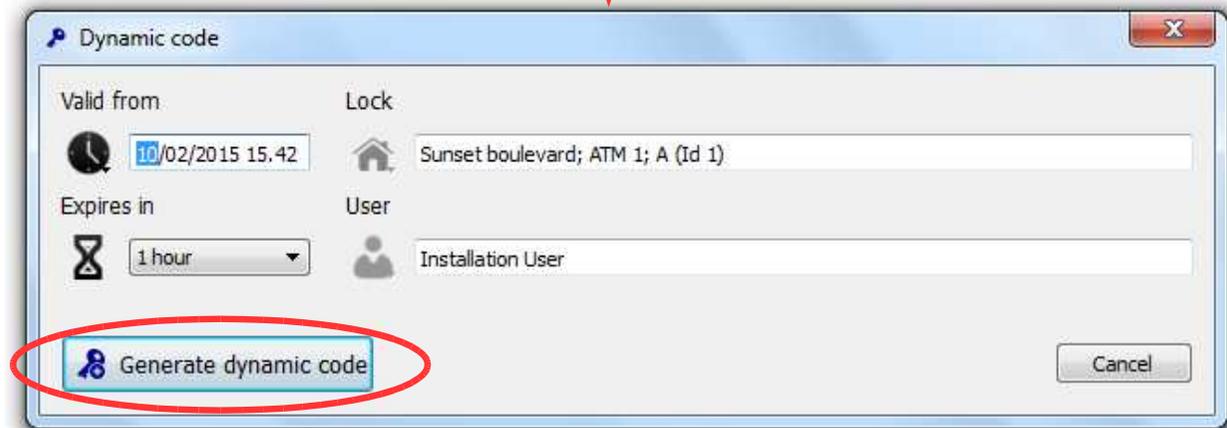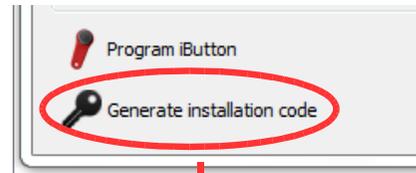
The installation code has to be entered in the lock's keypad when requested after reading the setup Dallas key.

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The layout of the software Dyama is very simple yet effective and allows you to control all the main parameters.

In the right window there is the command for creating the **dynamic code** (One Time Code)

In the right window you can also see the **events** that can be **sorted** and **filtered**

In the upper left window there are the **locks**

In the lower left windows there are the **users (Dallas/PIN)**

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Adding/Deleting Safes

To add or delete **safes** use these buttons

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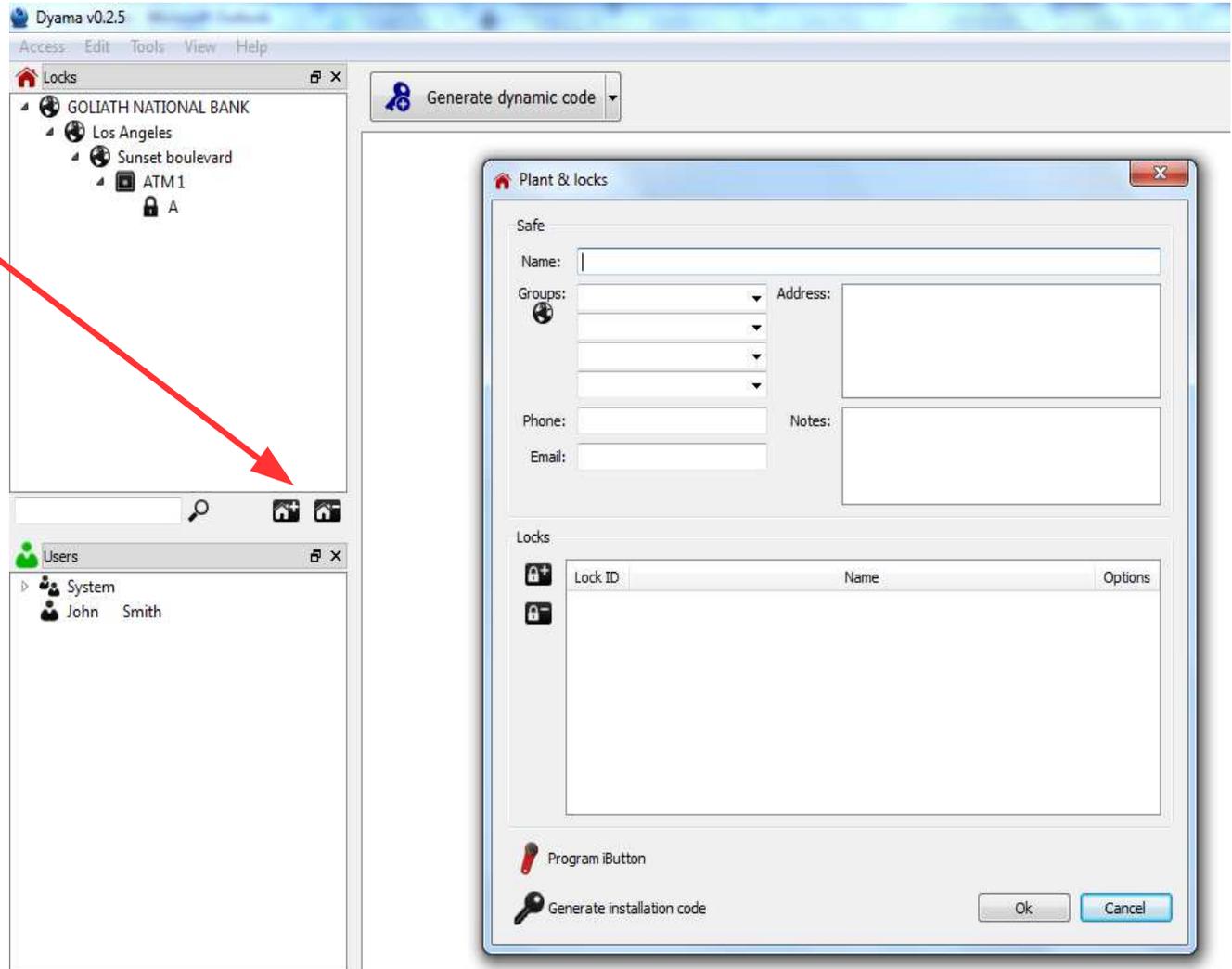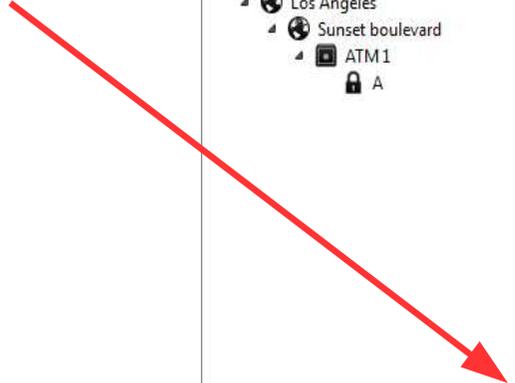
In the window **Safes** you can add the locks that will form the system

Give a name to the safe

There are up to 4 levels to define the system

Add a telephone number and/or an email address

Add or delete the locks connected to the keypas

Create the setup Dallas Key for initialising the lock

Add an address and/or notes

Option to make mandatory the use of the closing code, which has to be inserted in the Dyama software at the end of the procedure of utilization of dynamic codes

Plant & locks

Safe

Name: ATM 1

Groups: GOLIATH NATIONAL BANK ▼   Address:
Los Angeles ▼
Sunset boulevard ▼
▼

Phone: Notes:
Email:

Locks

Lock ID	Name	Options
1	🔒 A	☑ closing code

Program iButton

Generate installation code   Ok   Cancel

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Add/Delete Users

To add or delete **Users**, use these buttons
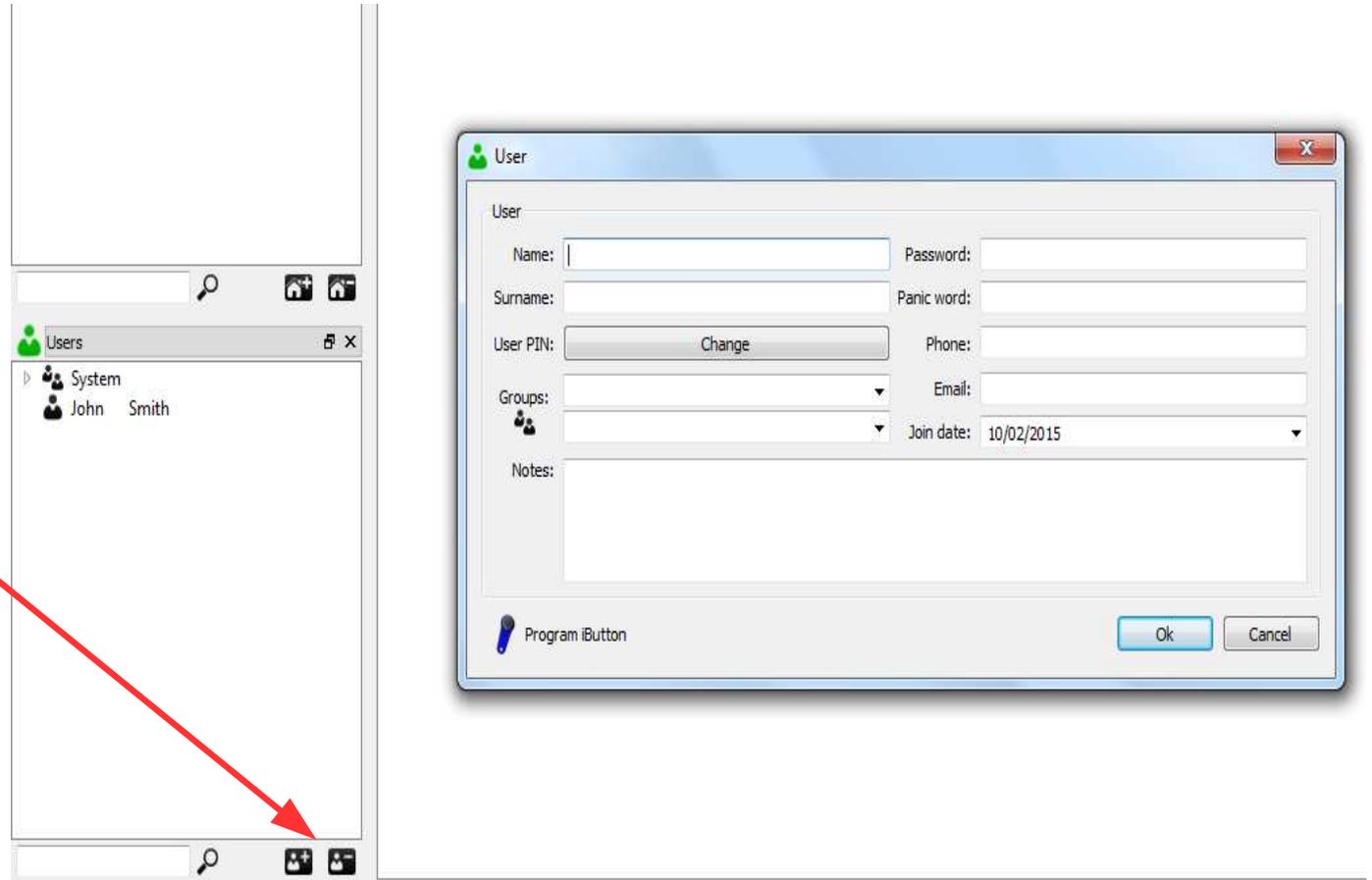
In the window **Users** you can add users to the system.

Enter the name of the user

In this field you can indicate a password that the user has to communicate before requiring the creation of the dynamic code.

In this field you can memorize a word or sentence that user will say to inform the operator of a duress situation on site

As an alternative to the Dallas key, you can use a 4 digits PIN code that has to be defined by means of this button

There are up to 2 levels to define the user

Programme the user Dallas key by means of this command

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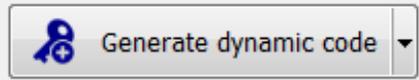
Clicking on the button [Generate dynamic code ▾] you open the window with the main parameters to be set for the generation of the dynamic code (One Time Code)
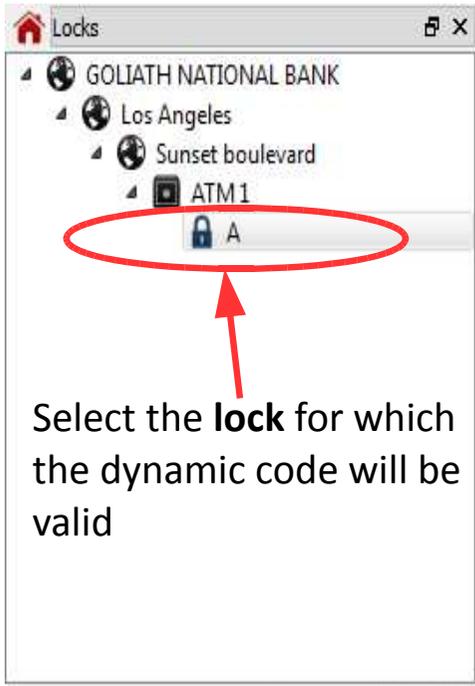
Select the **lock** for which the dynamic code will be valid

Indicate the start day and start time of the code
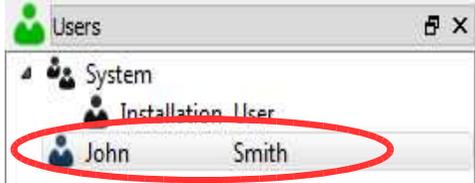
Select the **user** for which the dynamic code will be valid
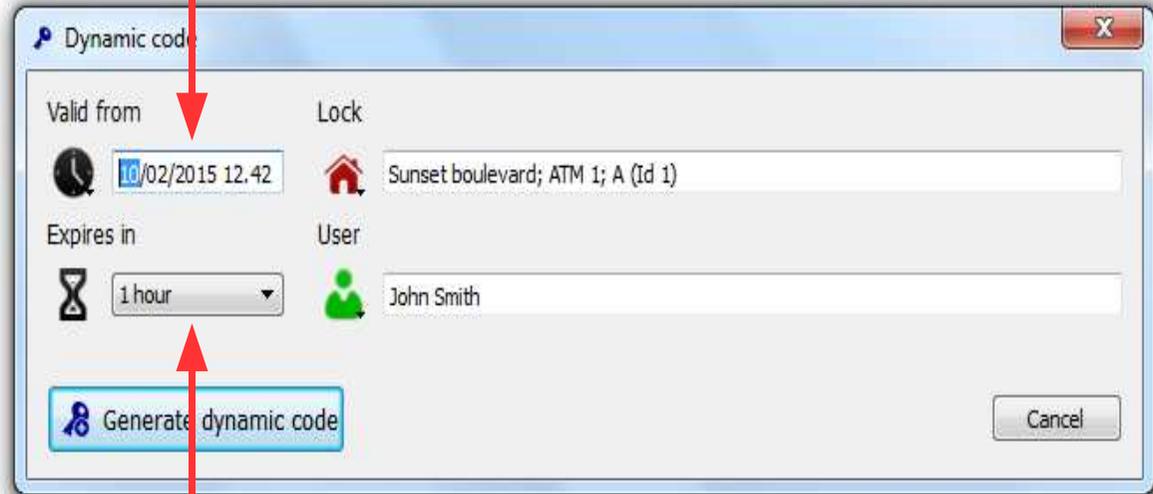
Select the duration of the code:
15 minutes, 1 hour, 4 hours, 12 hours

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By clicking on the specific button, the dynamic code is generated
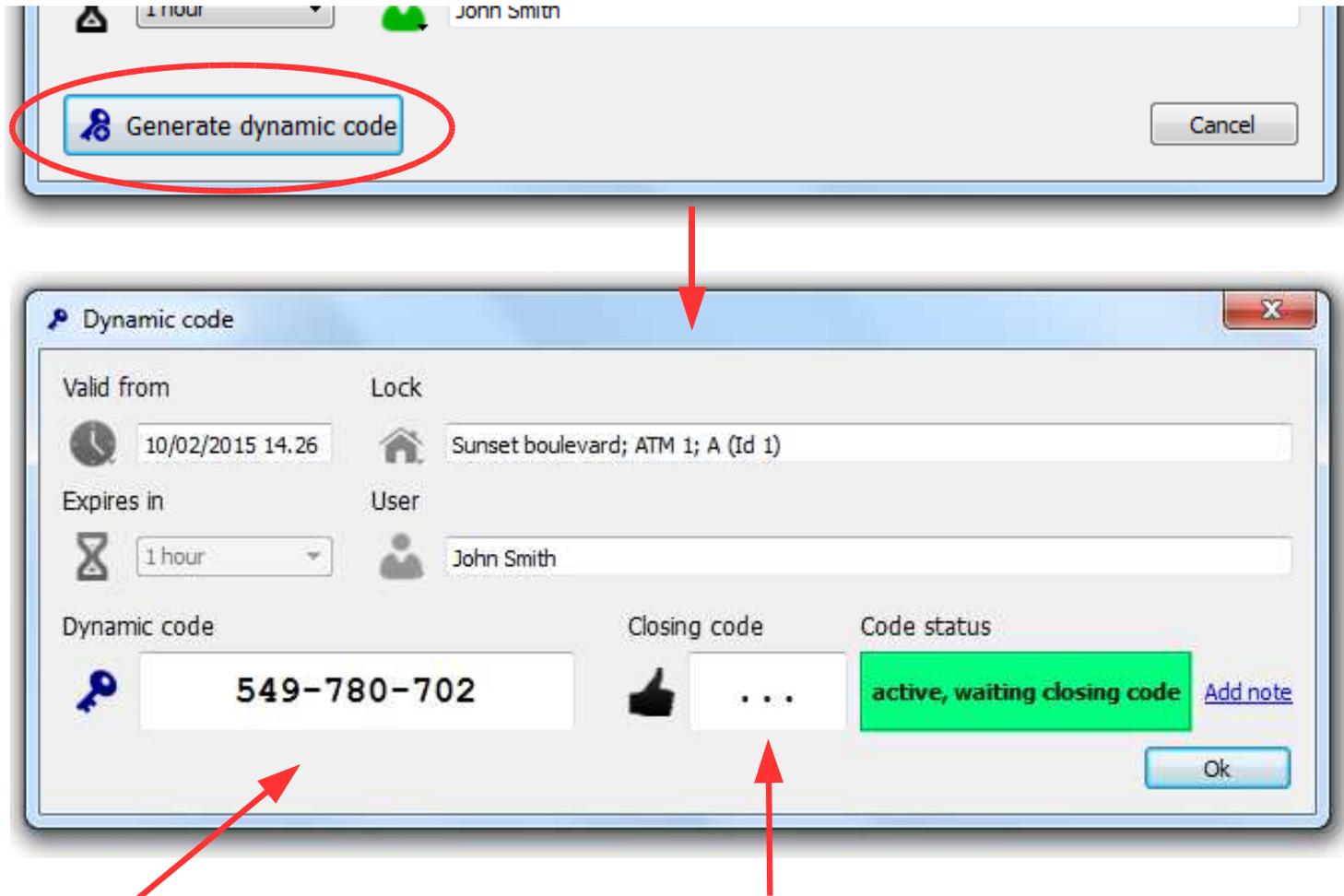
9 digits **Dynamic Code**

If configured, the system will require a 3 digits **closing code** displayed on the lock's keypad at the time of its closure

Once the closing code has been entered, the operation is concluded.

From the menu **Edit** you can open the **Operators** window, where you can add/remove operators. By default it is installed the operator "Administrator".
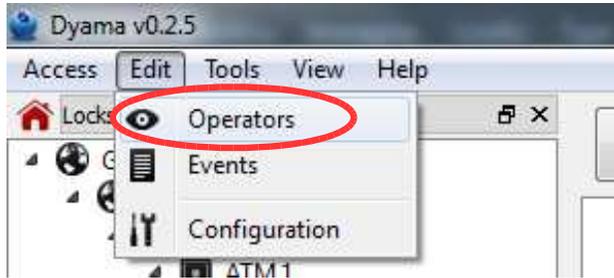
Enter the user name
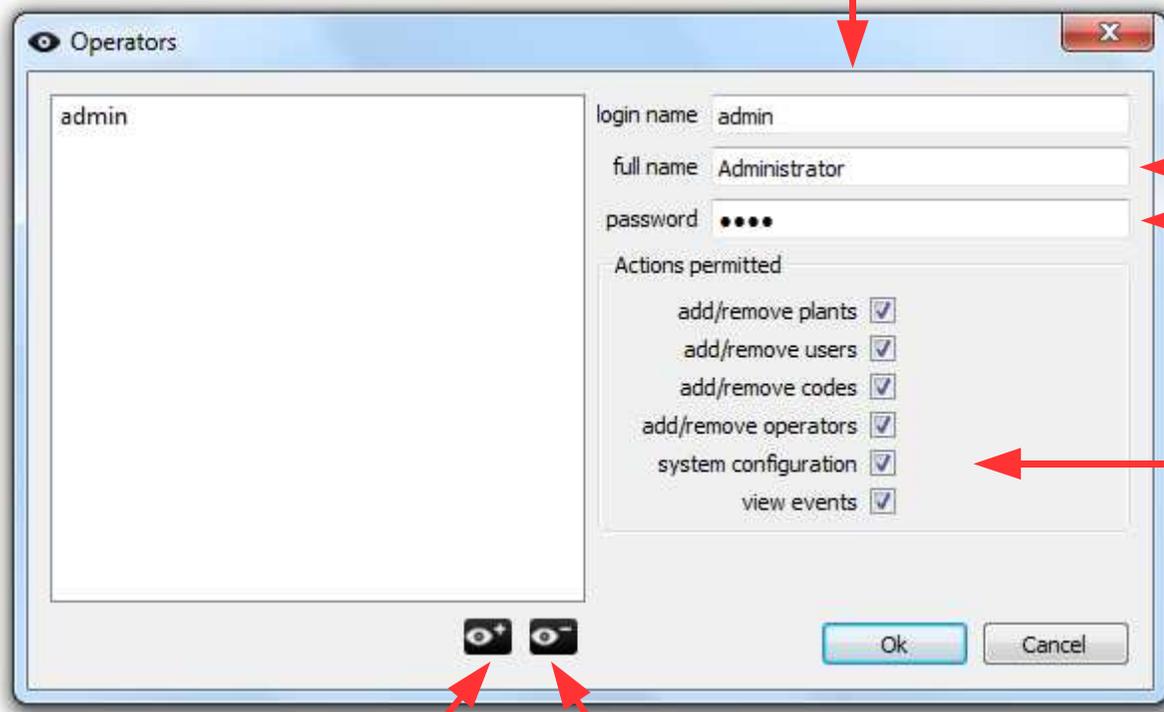
Enter the full name of the user
Enter a password

Select the actions permitted
for the operator that is created

Add or **Delete** an operator

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From the **Edit** menu you can open the **Events** window, where you can view and search all events.
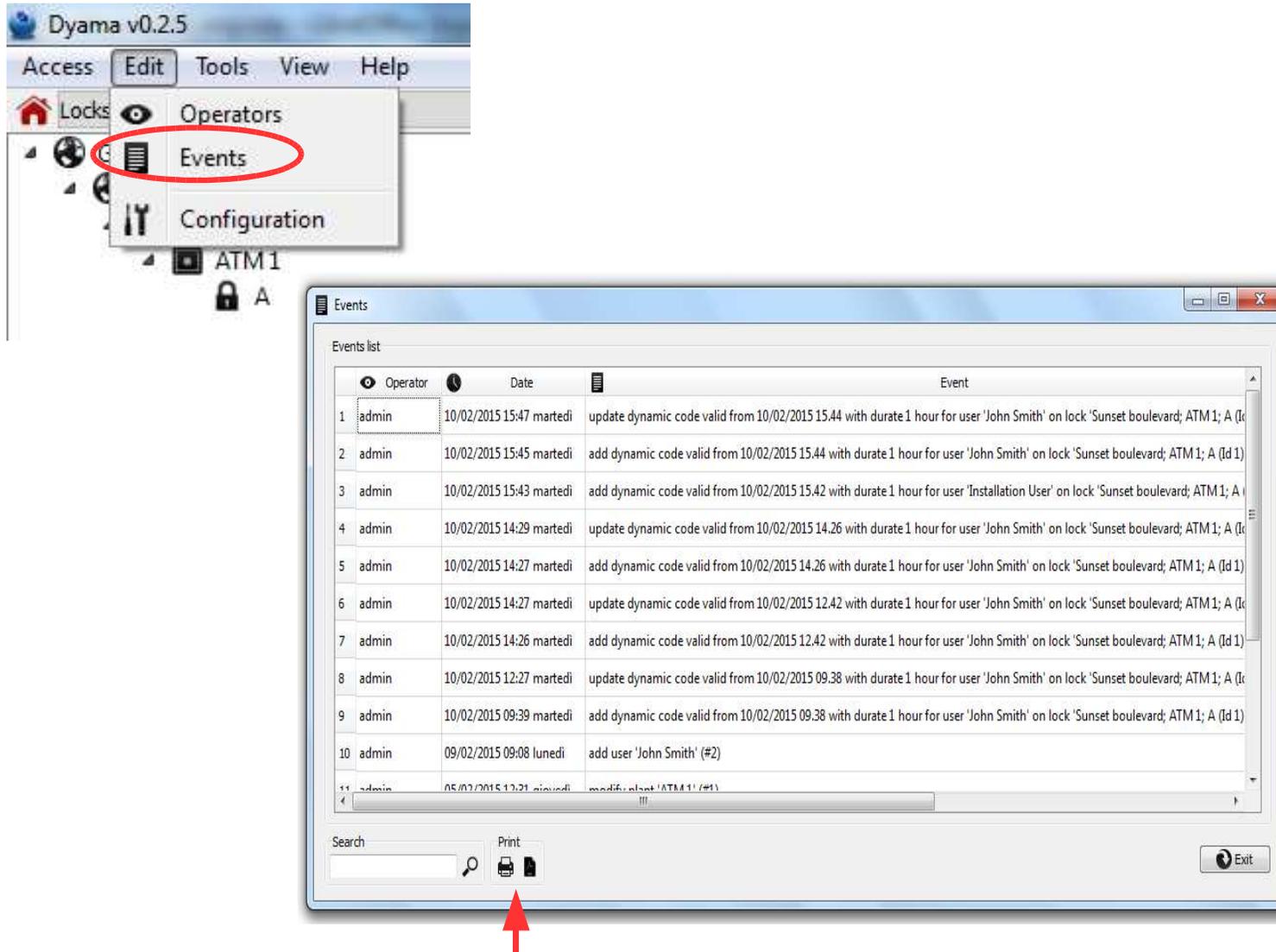
You can print or create a PDF file of the events displayed

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