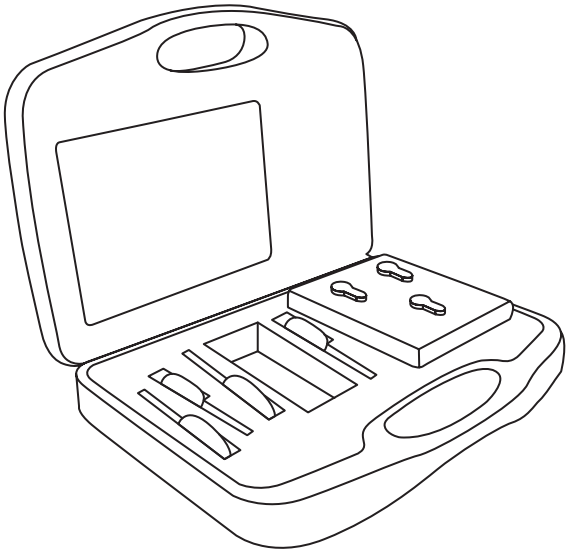
V364 on air

F9000 ON V364 on air Demo Case

User Manual

EN 01



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ENGLISH

- Introduction 5
- System's description 6
- Quick Start 7
- Demo Flow..... 13
- Programming key..... 22

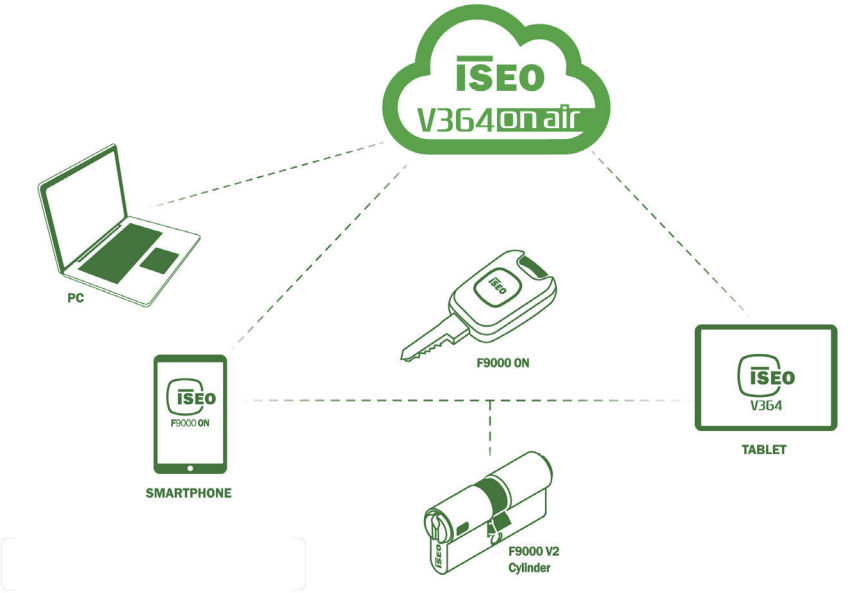
F9000 ON V364 on air Demo Case

User Manual

Introduction

The *F9000 ON V364 on air Demo Case* allows to demonstrate the *F9000 ON* keys main functionalities in combinaton with the *V364 on air* solution.

Each demo case is an indipendent *V364 2.0 F9000* plant, hosted in a dedicated *ATLAS Virtual Master* controller, that you can reach anywhere and anytime by your tablet or smartphone at: *b001demo.iseov364.com* (example for b001 demo case serial number).



The use of the *F9000 ON V364 on air Demo Case* and the correct understanding of this guide, needs a basic knowledge of the *V364 2.0 System*. For the complete system's instructions refer to the *V364 2.0 System Administrator Manual* available at *iseo.com* website.

System’s description

The *F9000 ON V364 on air Demo Case* is composed by:



QR-Code to download this user manual.

Graphic panel showing the system’s principle of working.

Display with two F9000 mechatronic cylinders and one F9 mechanical cylinder.

One Universal Padlock with F9000 mechatronic cylinder inside.

One Programming key (PR key).

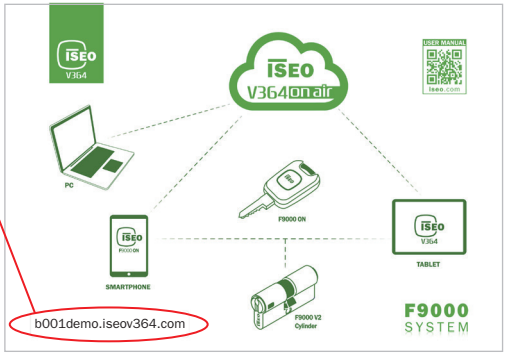
Three F9000 ON keys.

In the graphic panel, in the lower left corner, there is a label, reporting the *Demo Case* address, to type in the web browser in order to reach the *Atlas Master* in the Cloud. Note that the first 3 digits also represents the *Demo Case Serial Number* (example: b001).

Atlas Master web address and Serial Number:

b001demo.iseov364.com

Serial Number = b001

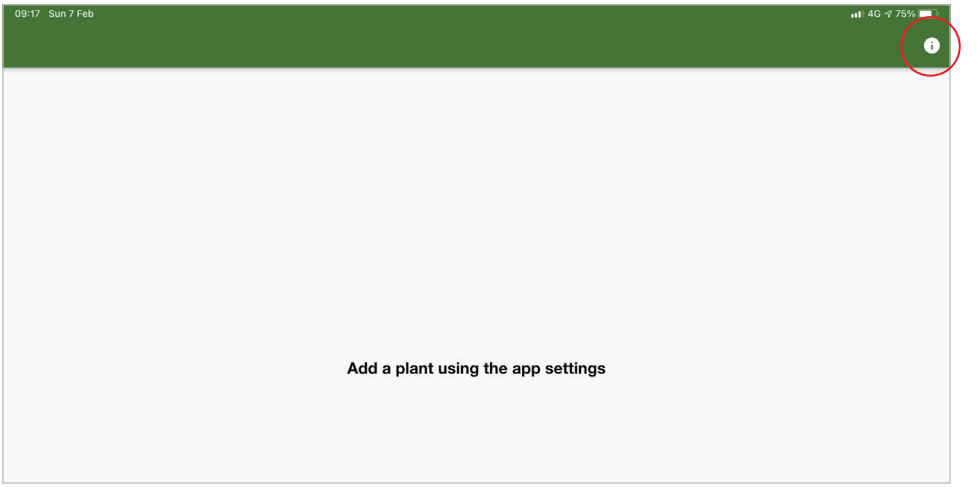


Quick Start

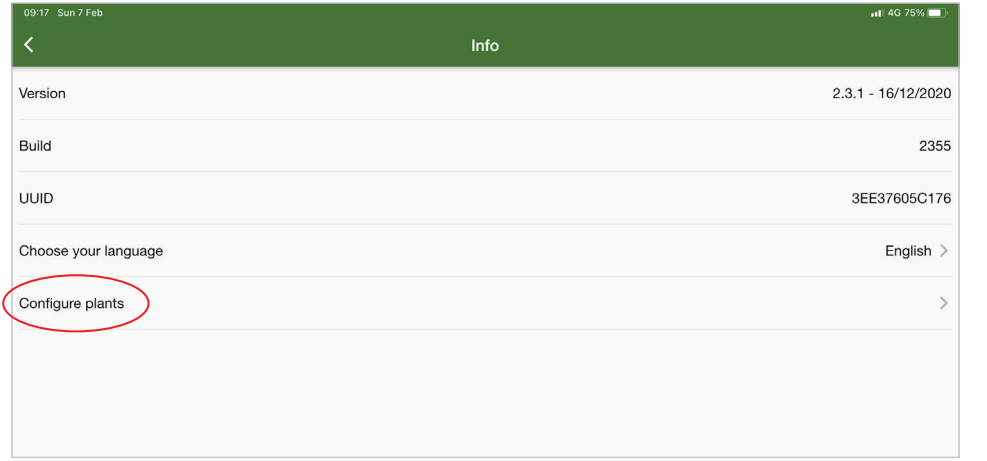
Install the V364 app on your tablet

1. On your tablet download and install the *ISEO V364 app* from the *Apple Store (iOS)* or the *Play Store (Android)*. Authorize the *Bluetooth* when requested by tapping OK.

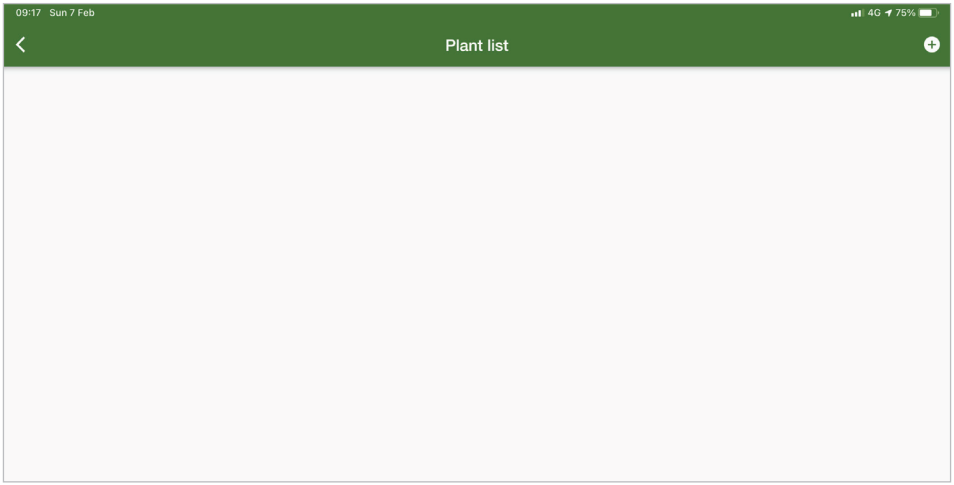
2. Click on  on the top right corner to enter the information menu.



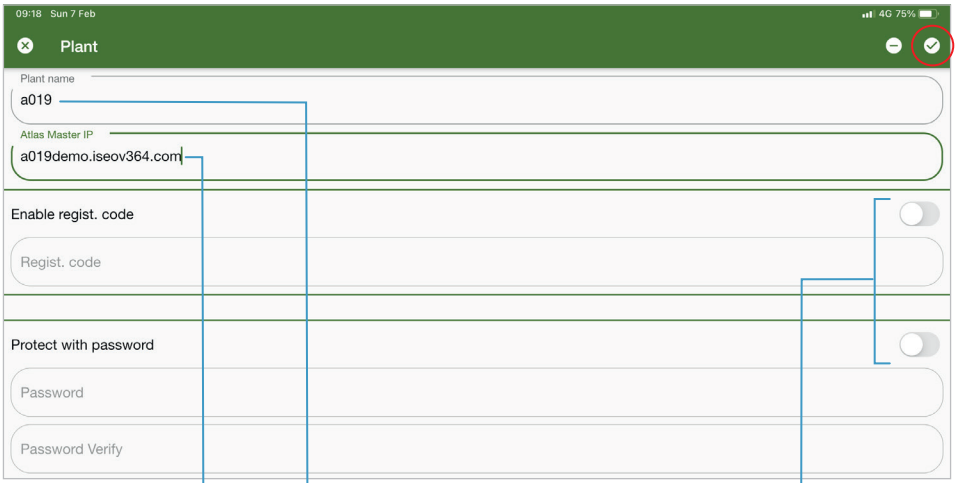
3. Change the language if required then tap **Configure plants**.



4. Click  on the top right corner to add a new Plant.



5. Insert **Plant name** and **Atlas Master IP** as per following example. At the end tap 

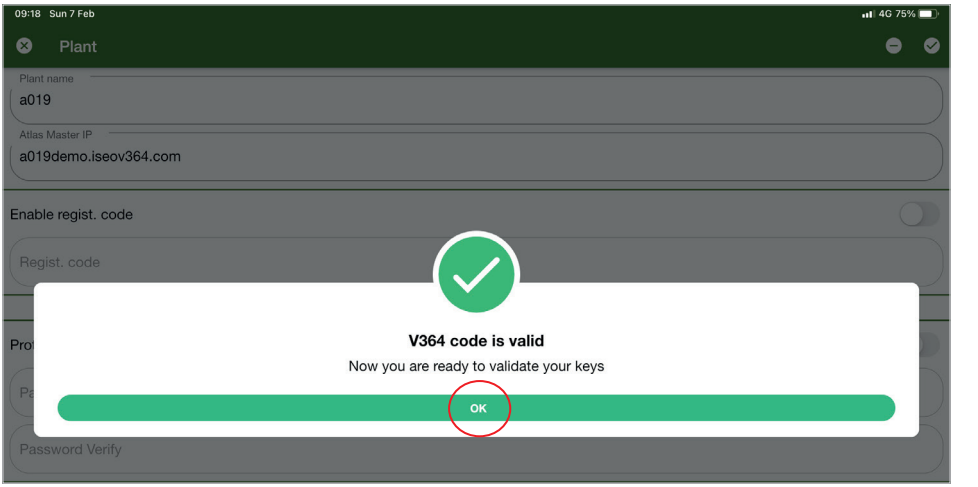


Atlas Master Serial Number (the first 3 digits of the Atlas Master IP).

Do not enable these options (advanced features).

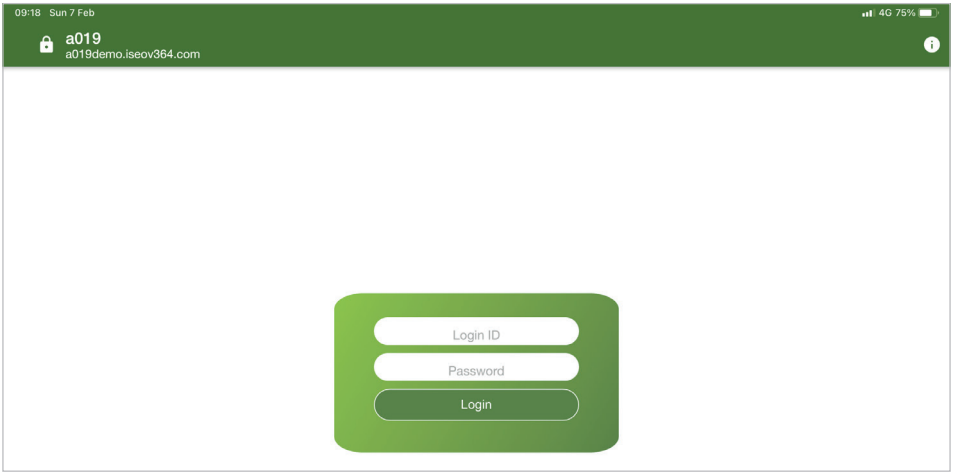
Atlas Master web address reported in the graphic panel.

6. Wait the confirmation message: the green successful icon means the *V364 app* is able to reach the *Atlas Master IP* address. Tap **OK** and the app will automatically go back to the *Plant list* menu.



In case of server unreachable error message, check the *Atlas Master IP address* if correctly typed. For more information about errors messages and related troubleshooting refer to the *V364 2.0 System Administrator Manual* available at *iseo.com* website.

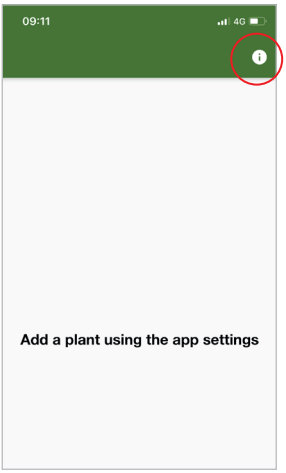
7. Check the added plant is present in the *Plant list* and selected in green. Then tap in the upper left corner 2 times. Wait the *Synchronizing Interface* message disappear and then you will be ready to login into the system.



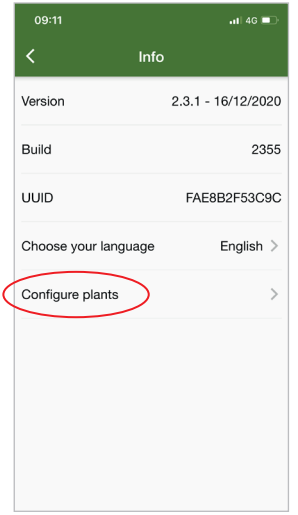
Install the F9000 ON app on your smartphone

1. On your smartphone download and install the *ISEO F9000 ON app* from the *Apple Store (iOS)* or the *Play Store (Android)*. Authorize the *Bluetooth* when requested by tapping OK.

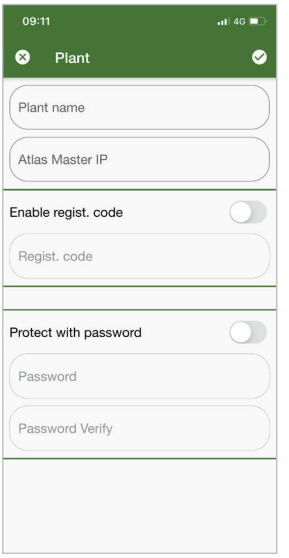
2. Click on  on the top right corner to enter the information menu.



3. Change the language if required then tap **Configure plants**.

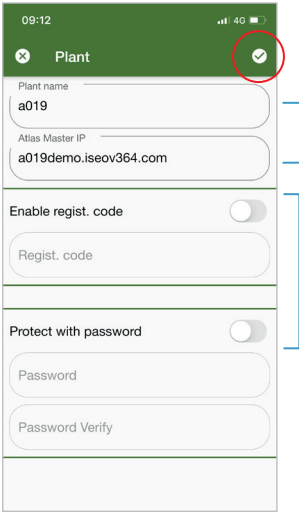


4. The *Plant* menu automatically opens.



Differently from the *V364 app,* where you can add and manage several plants, in the *F9000 ON app* it's possible to configure just one plant per time. This because the *F9000 ON app* is intended for the end user and used just to validate keys, while the *V364 app* is intended for the *System Administrator* to manage the system and define the access rights.

5. Insert **Plant name** and **Atlas Master IP** as per following example. At the end tap 

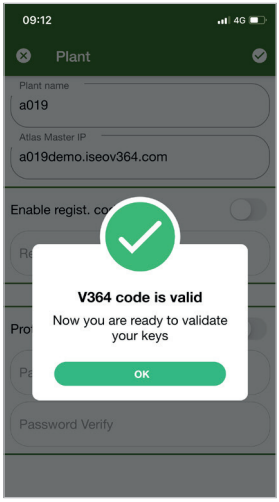


Atlas Master Serial Number
(the first 3 digits of the Atlas Master IP).

Atlas Master web address reported in the graphic panel.

Do not enable these options
(advanced features).

6. Wait the confirmation message: the green successful icon means the *F9000 ON app* is able to reach the *Atlas Master IP* address. Tap **OK** and the app will automatically go back to the *Info* menu.



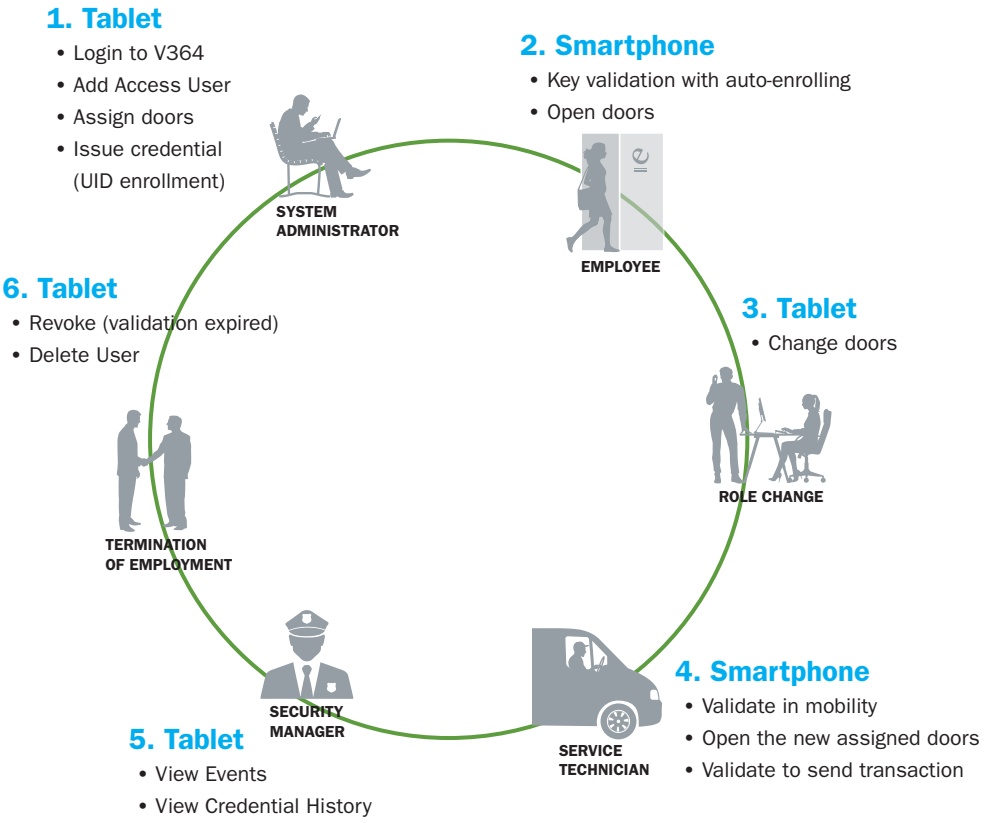
In case of server unreachable error message, check the *Atlas Master IP address* if correctly typed. For more information about errors messages and related troubleshooting refer to the *V364 2.0 System Administrator Manual* available at *iseo.com* website.

7. Tap  in the upper left corner to go back to the home screen. Now you're ready to validate the *F9000 ON* mechatronic keys.



Demo Flow

Once the *V364 app* and the *F9000 ON app* have been installed and correctly configured on both tablet and smartphone, you are ready to operate with the system. A typical demo flow, recommended by ISEO, which shows in 10 minutes the major features and the potential of the system, is represented in the following graphic. In the demo flow the Tablet is used by the *System Administrator,* to manage the system and give the access rights, while the Smartphone is used by the end user, to program and validate the *F9000 ON key*.

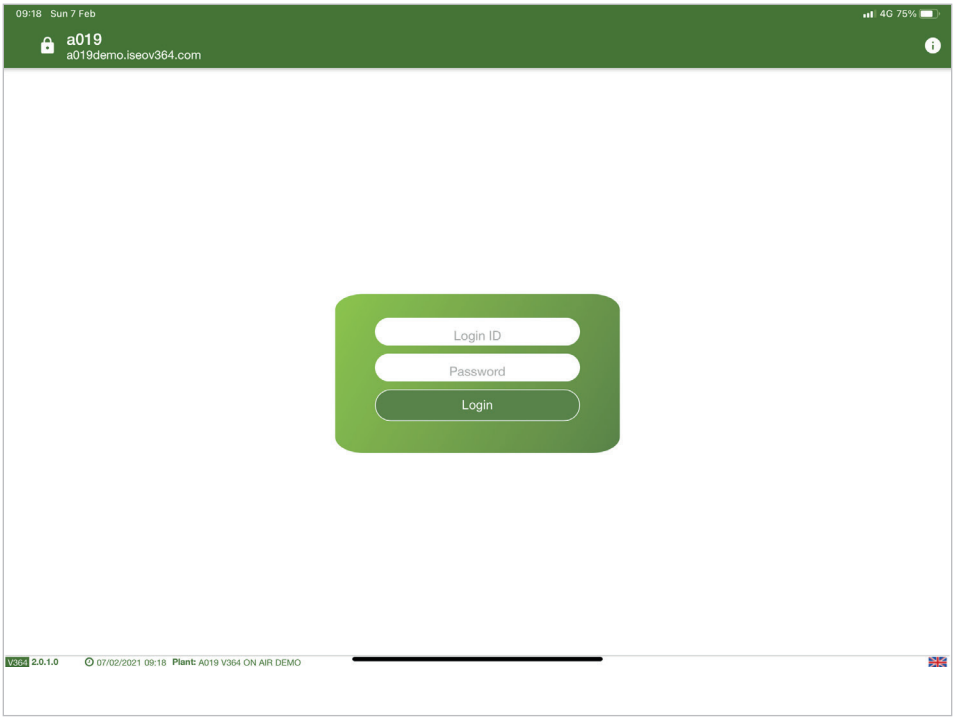


To know more about the *F9000 V364 2.0 System* and all its functions and features, read the *V364 2.0 System Administrator Manual* available at *iseo.com*.

Demo flow execution

1. Tablet - System Administrator

1. On your tablet open the *V364 app* and wait for the login windows.



2. Type the following **Login ID** and **Password** pre-set from factory and related to each specific *Demo Kit serial number*, then touch **Login**.

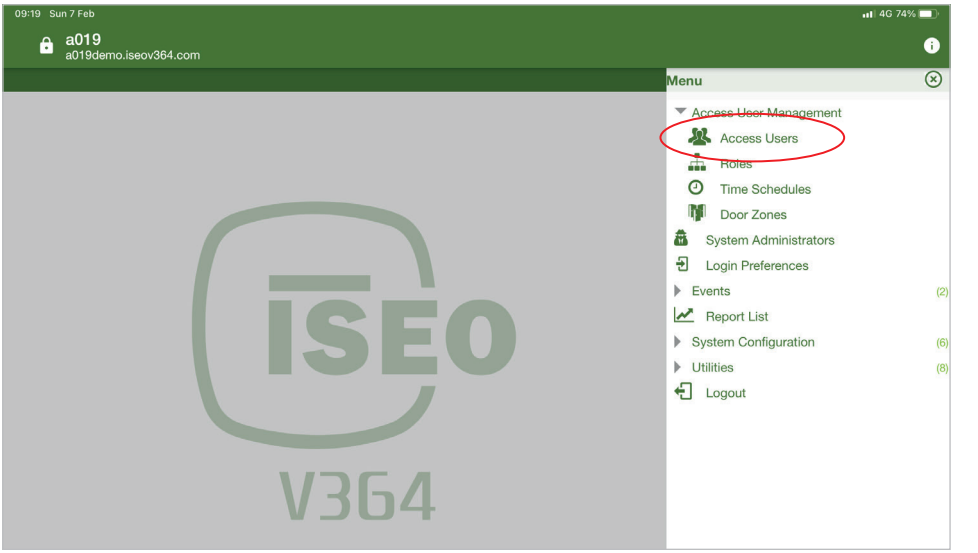
For example: *Demo Kit serial number* = a019

- Login ID = a019
- Password = A019demo$

Password is case sensitive.

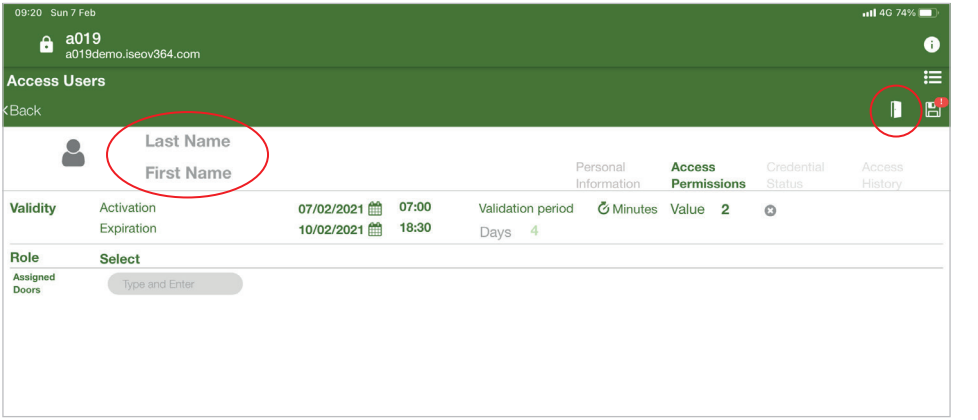
After logging into the system, the user can always change the password in the *Login Preferences* menu.

3. Tap on **Access Users** to enter the menu.



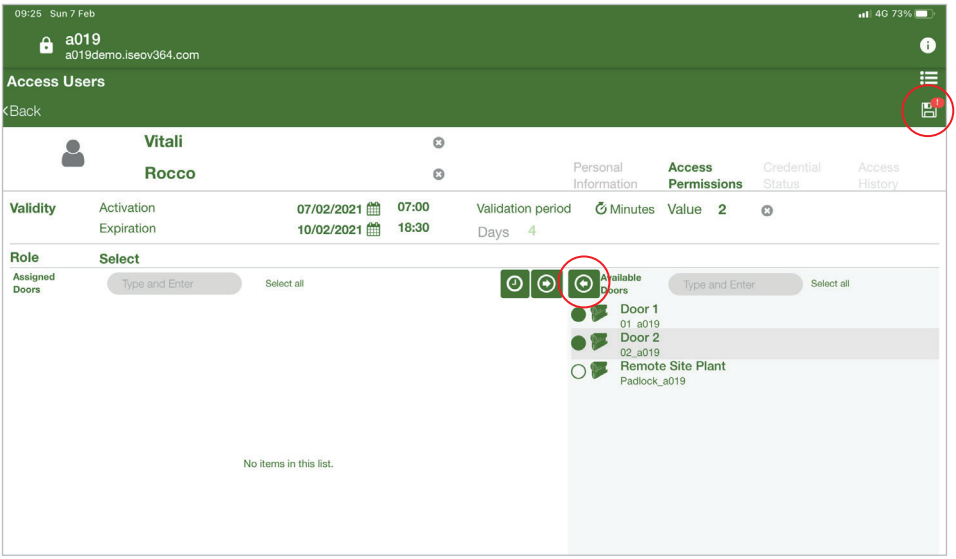
4. Tap on  on the top right corner to add a new User.

5. Type *Access User* **Last name** and **First Name**, then assign a **Role** if previously predefined, or tap  on the top right, to manually add doors. In this procedure we will show how to manually add doors.

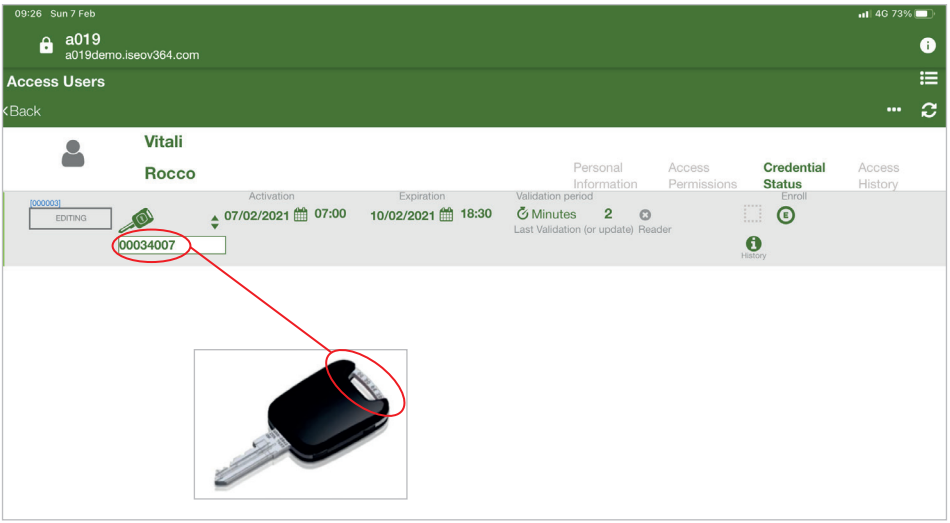


Validity is set by default in the system as 7 days with 5 minutes validation period, but you can manually change it as you like.

6. Select **Door 1** and **Door 2** then tap  to assign the doors to the user, moving them to the left side of the screen. Finally tap the save icon 



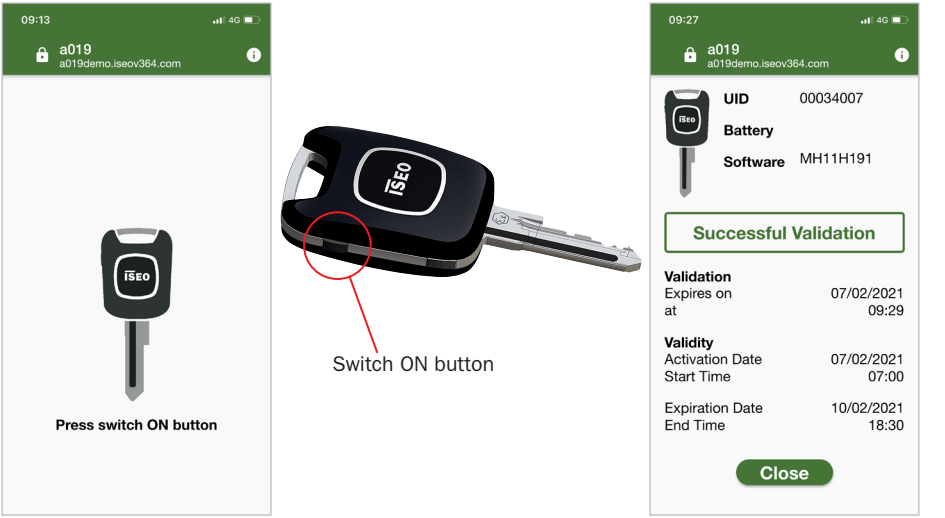
7. The *V364 app* automatically opens the *Credential Status* tab. Enter the *F9000 ON key UID* in the related box to enroll a key. Finally tap enroll 



After the enrolling process the credential status from *EDITING* becomes *PENDING*. This feature is called *Credential Lifecycle*.

2. Smartphone - Employee

8. The employee opens the *F9000 ON app* installed in the smartphone and validates the *F9000 ON key,* by pressing the switch-on button. In this way the user will immediately get the access rights provided by the *System Administrator* and the credential status becomes *ACTIVE*.

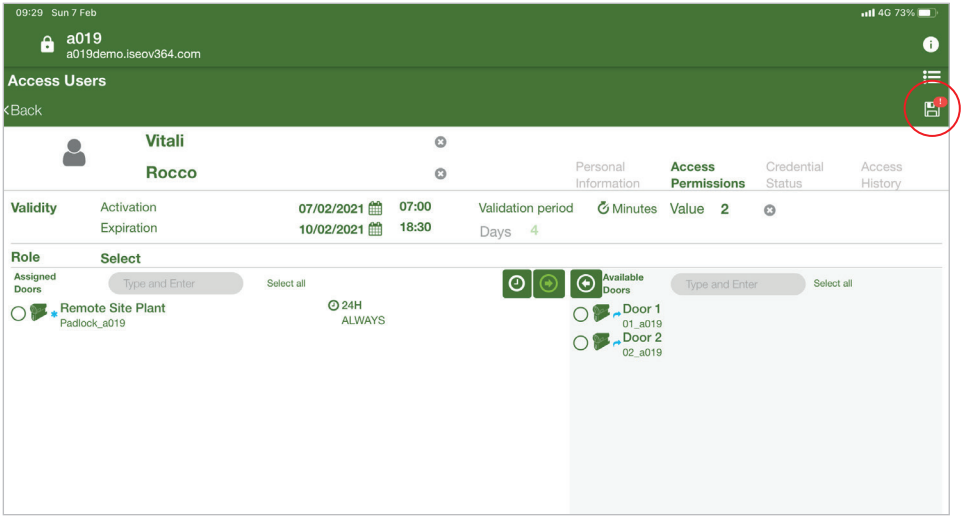


9. The user can now insert the key in the *F9000 mechatronic cylinders* of the display, to open both *Door 1* and *Door 2* (assigned doors).

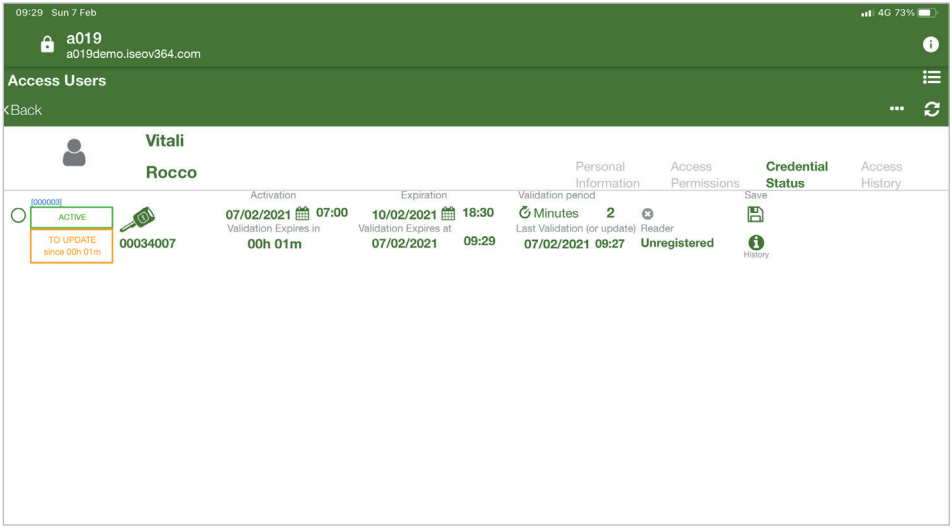


3. Tablet - Role change

10. The *System Administrator* changes the access permissions to the *Access User* previously created, adding the *Padlock* and removing the *Doors 1 and 2*. Tap save  at the end.

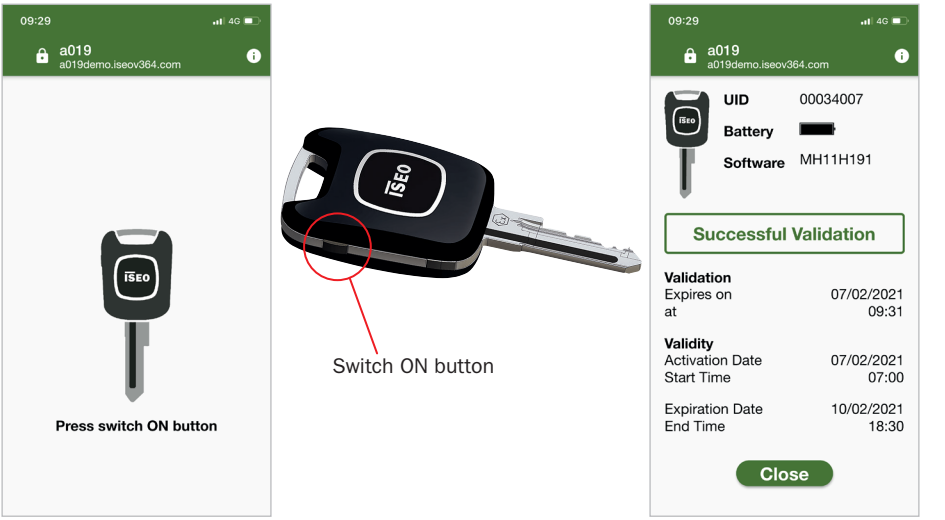


11. The *V364 app* automatically opens the *Credential Status* tab where the *System Administrator* can see the credential status changing from *ACTIVE* to *ACTIVE TO UPDATE*.



4. Smartphone - Service technician

12. The user opens the *F9000 ON app* installed in the smartphone and validates the *F9000 ON key,* by pressing the switch-on button. In this way the user will immediately get the new access rights provided by the *System Administrator* and the credential status becomes *ACTIVE*.



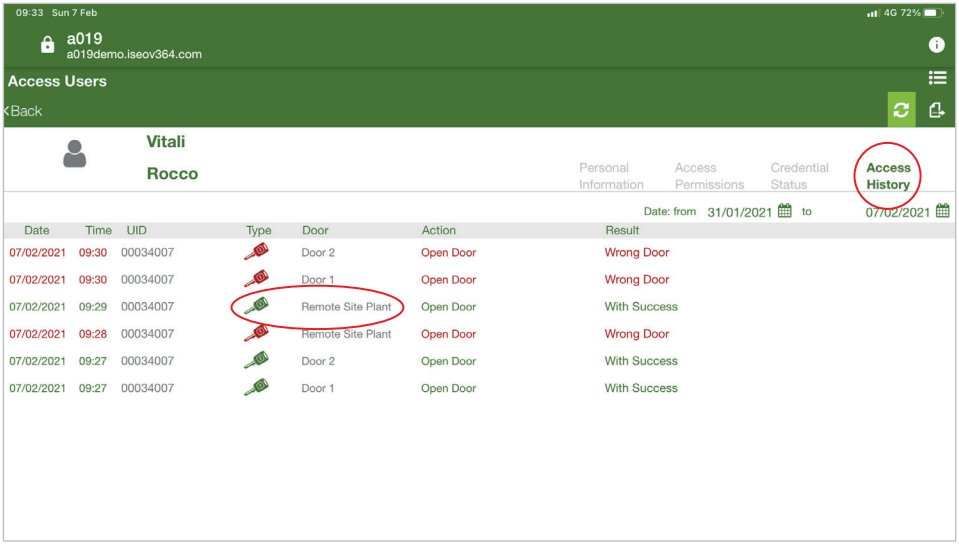
13. The user can now open the new assigned door in the *Remote Site Plant*, the *Padlock*, with the *F9000 mechatronic cylinder* inside.



14. The user validates the *F9000 ON key* again on the smartphone to send the transactions done to the *Atlas Master*.

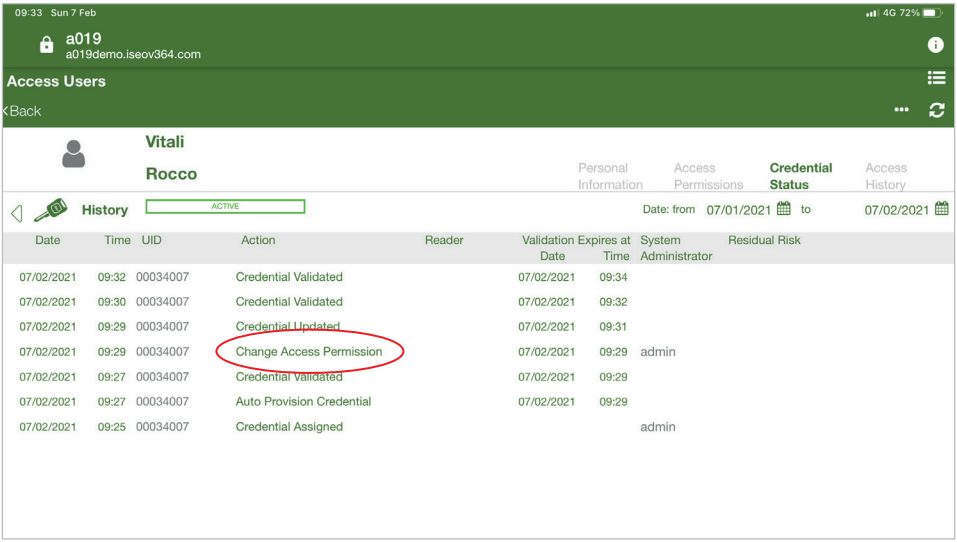
5. Tablet - Security Manager

15. The *Security Manager* tap the **Access History** tab to view the *Access User* events.



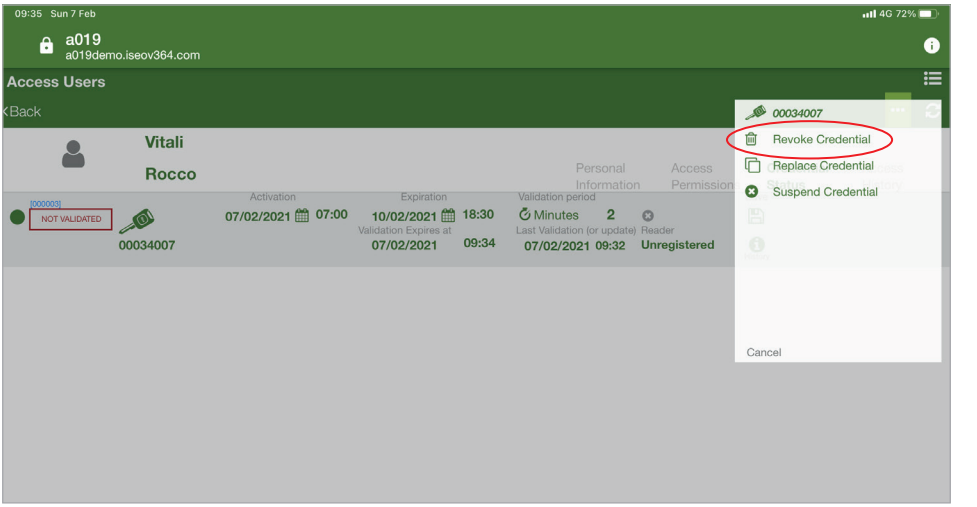
16. In **Credential Status** tap on 

icon to view the credential history.

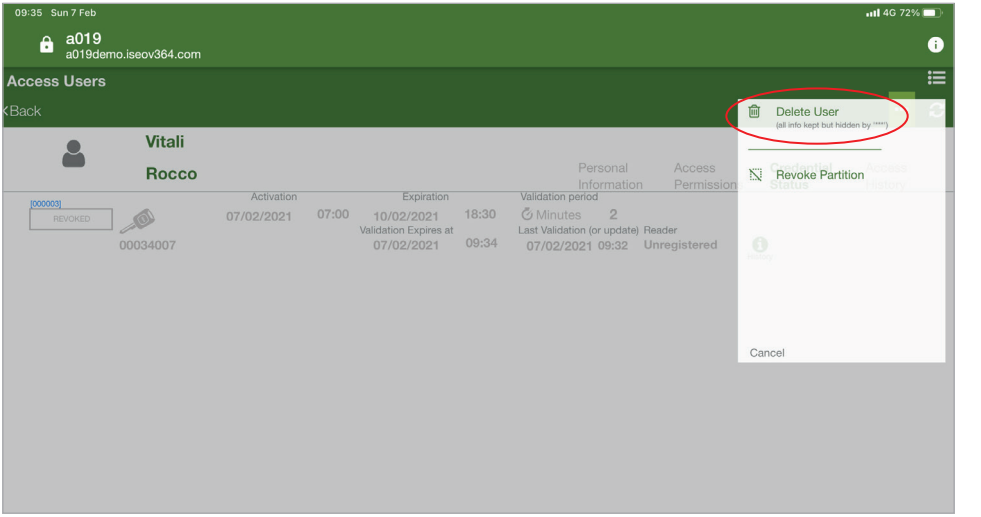


6. Tablet - Termination of employement

17. When validation has expired the *System Administrator* can revoke the credential to the user: in **Credential Status** tap ••• in the top right then tap **Revoke Credential**.



18. Tap again ••• then tap **Delete User** to permanently delete the *Access User* from the system database and to end the demo flow.



Programming key

The *Programming key* (also called *F9000 PR key* or red key), is used to perform the next operations:

- Read Door Events
- Reset Doors
- Initialize Doors



The programming key cannot open the cylinders since it does not have a mechanical coding. It is just used to transfer data to the cylinders.

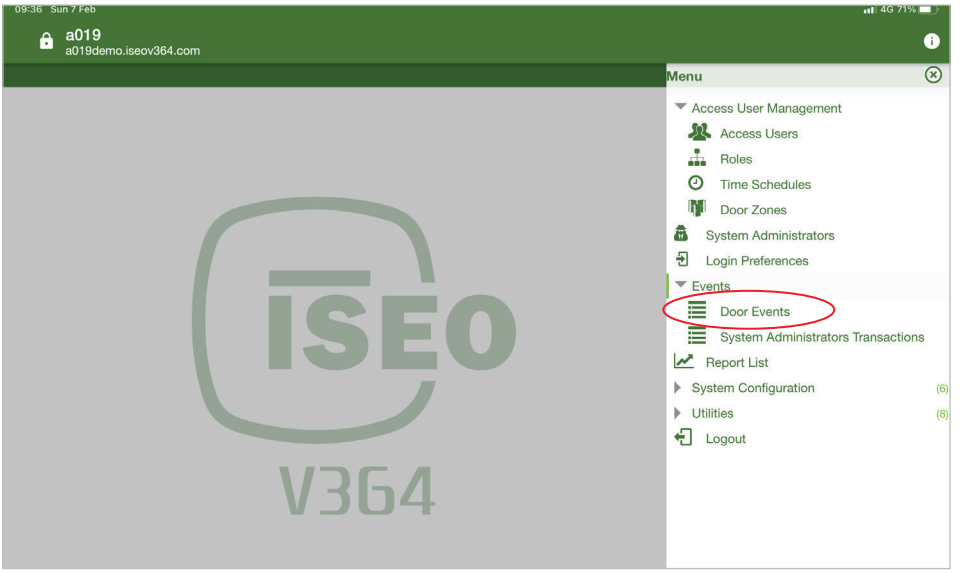
1. Read Door Events

Events are automatically collected from user keys, everytime they are inserted in the cylinders. At every key validation, events stored in the keys are sent to the *V364 system* and then visible in the events menu.

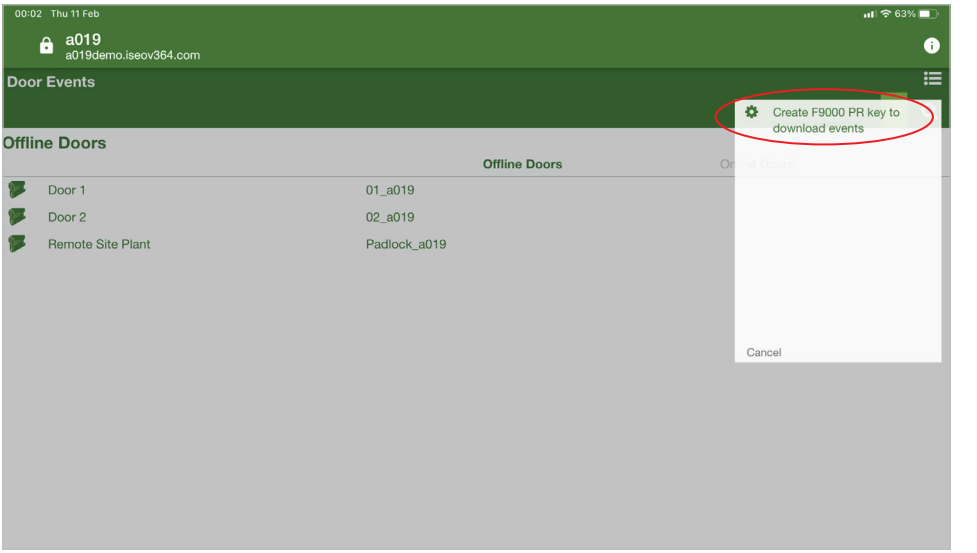
Reading door events by *Programming key* allows you to receive all events on time, from every door, regardless users' keys validation.

1. On your tablet open the *V364 app* main page, as showed in the *Demo Flow* execution paragraph (steps 1 and 2).

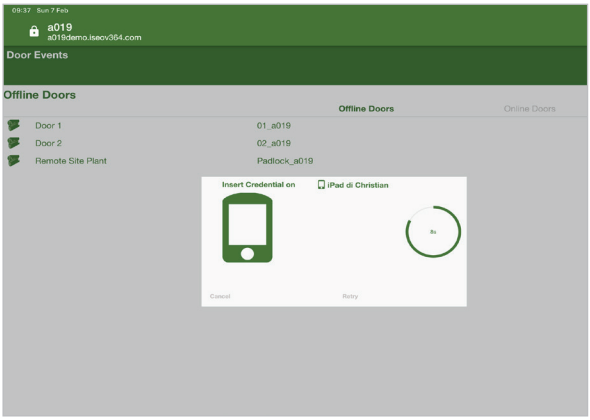
2. Tap **Events** and then **Door Events**



3. Tap ••• in the top right, then tap **Create F9000 PR key to download events**.

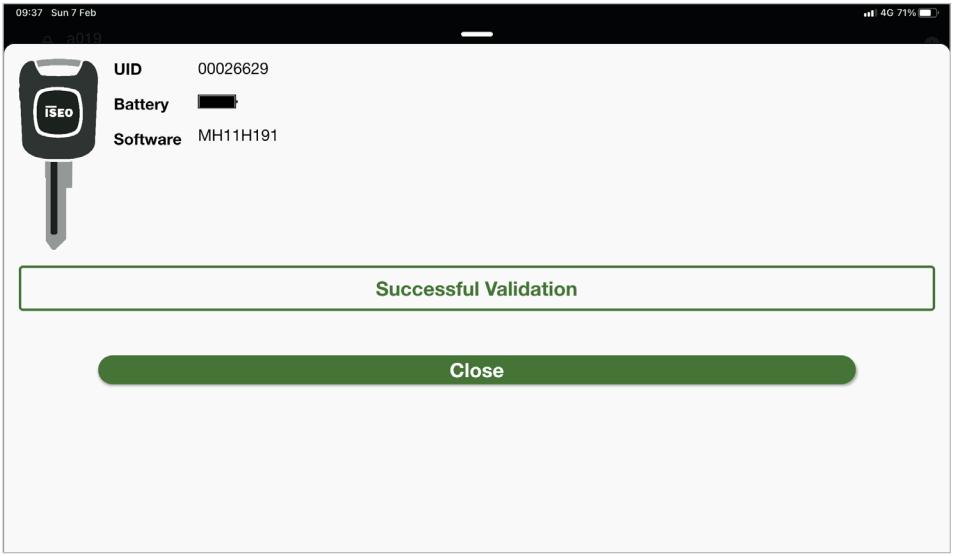


4. Tap **YES** to confirm and immediately press the *Programming Key* switch-on button, keeping the key nearby the tablet.





5. Wait until the success validation message appears.



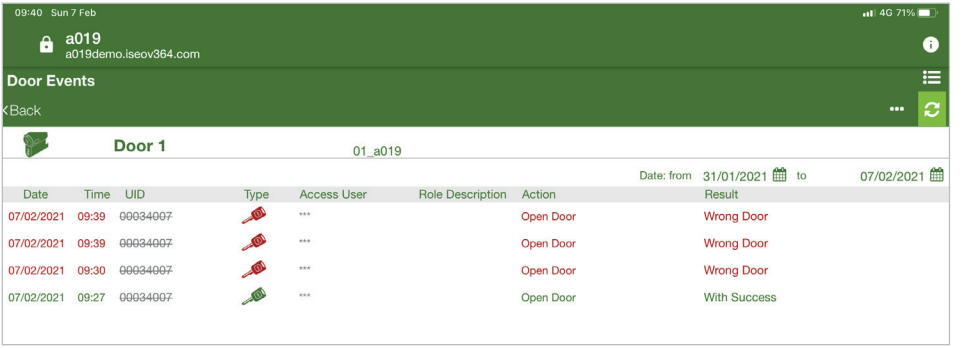
If communication fails, bring the *Programming Key* nearby the tablet, touch **Retry**, and immediately press the key switch-on button.

6. Insert the key in every cylinder on which you want to get the events. Wait until 2 blinking green signals to confirm the end of the events download operation.



7. To send all the collected events to the *V364 system*, simply validates the key by pressing the switch-on button, keeping the key nearby the tablet or the phone.

8. In the **Door Events** menu select a door to show the complete events list. Denied events are highlighted in red.



In the above example the UID is strike-through text and the access user name is hidden. This because in the previous demo flow the user at the end has been deleted and in the *System Preferences menu* > *Data Protection* is selected to keep all user's info but hidden. Note that the *System Administrator* can freely change this setting.

2. Reset doors

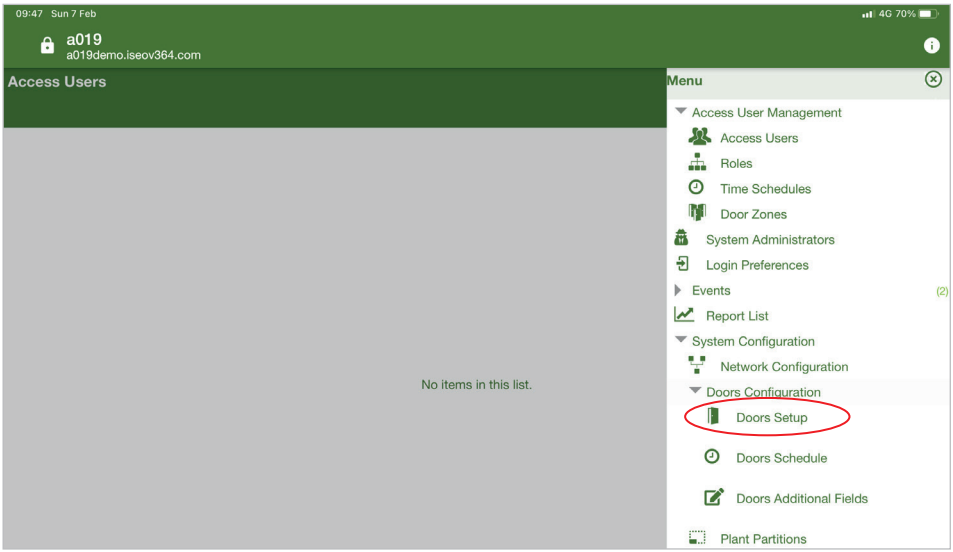
All the cylinders inside the demo kit are “initialized”: that means they belong to a specific plant with a unique indentifier assigned. The reset function allows to reset a cylinder to factory mode and can be useful in the next situations:

- if you need to move a cylinder into another plant. Reset function makes cylinder available to be initialized with another plant code.
- If you need to replace a cylinder by a new one. The replaced cylinder could be reset in order to keep it in stock as a spare part, not assigend to any specific plant code.

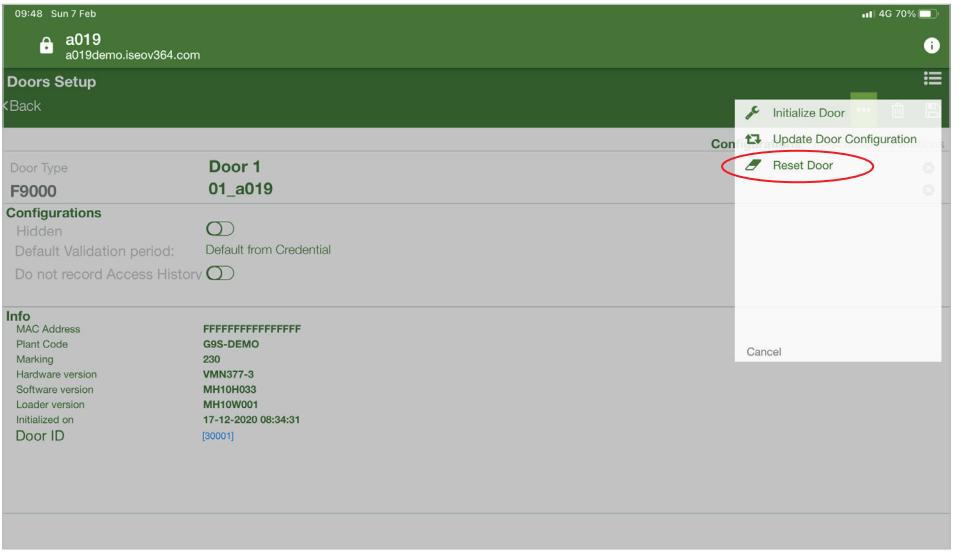
A reset to factory mode cylinder can be opened from any *F9000 ON key* belonging to the same plant (same key bitting).

1. On your tablet open the *V364 app* main page, as showed in the *Demo Flow* execution paragraph (steps 1 and 2).

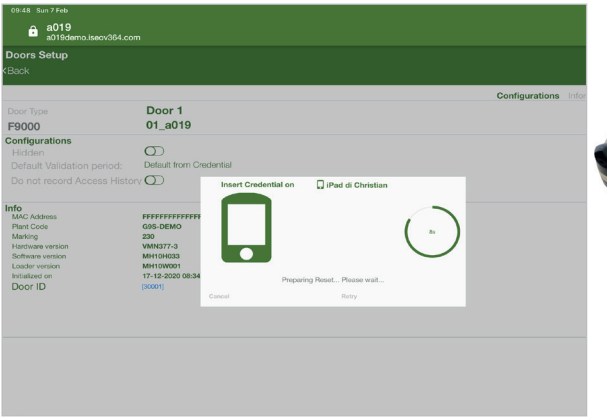
2. Tap **System Configuration**, then **Door Configuration** and then **Doors Setup**.



3. Tap a door and then tap ••• to open the option menu. Finally tap **Reset Door**.



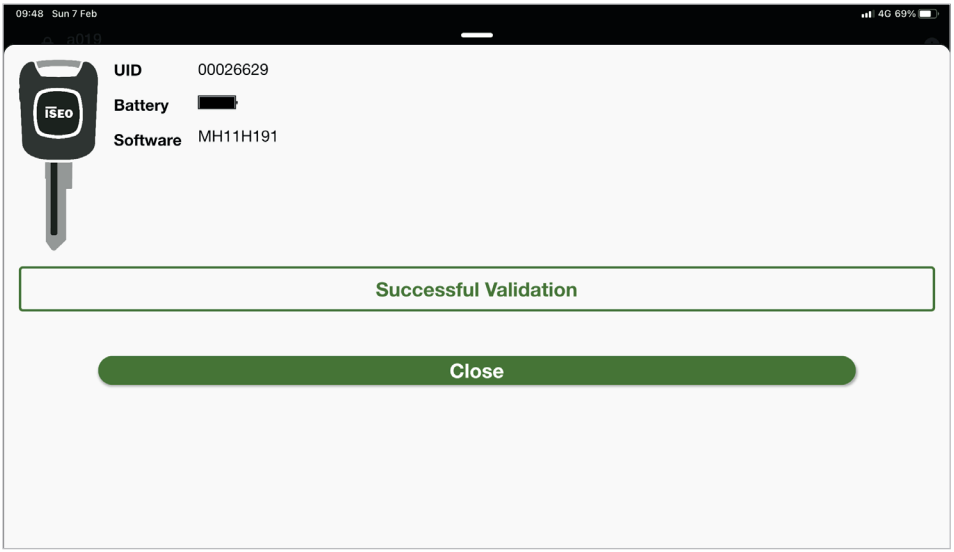
4. Tap **YES** to confirm and immediately press the *Programming Key* switch-on button, keeping the key nearby the tablet.





Switch ON button

5. Wait until the success validation message appears.



If communication fails, bring the *Programming Key* nearby the tablet, touch **Retry**, and immediately press the key switch-on button.

6. Insert the key in the cylinder that need to be reset and wait until 3 blinking green signals to confirm the end of the operation.



3. Initialize doors

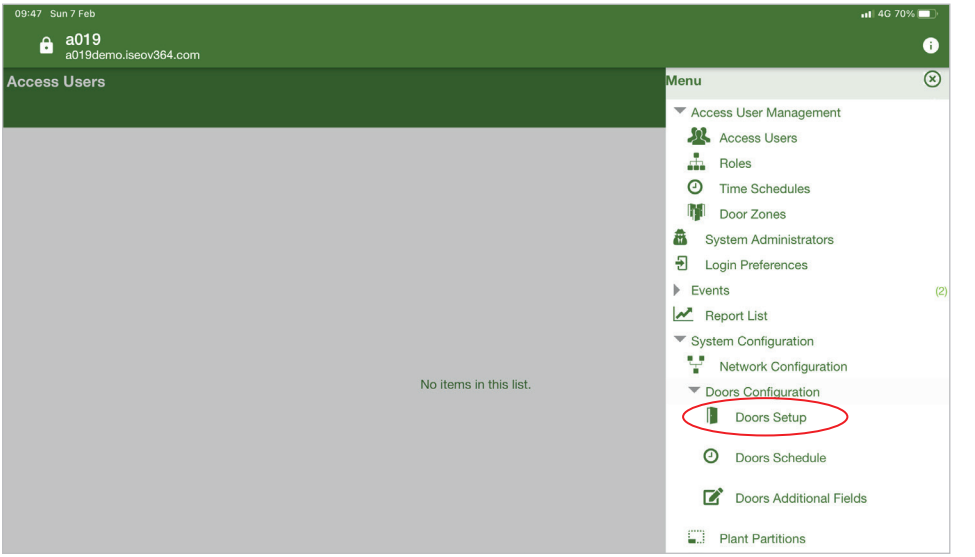
By initialization function we assign to cylinders the plant code and a unique indentifier. In this way cylinders belong only to a specific plant and they can be programmed and opened only by credentials created in this plant code. Initialize doors can be useful in the next situations:

- if you need to install a brand new cylinder to extend your plant. In this case the new cylinder comes reset to factory mode and needs to be initialized to properly work.
- If you need to replace a cylinder by a new one. The new cylinder needs to be initialized to get the right plant code.

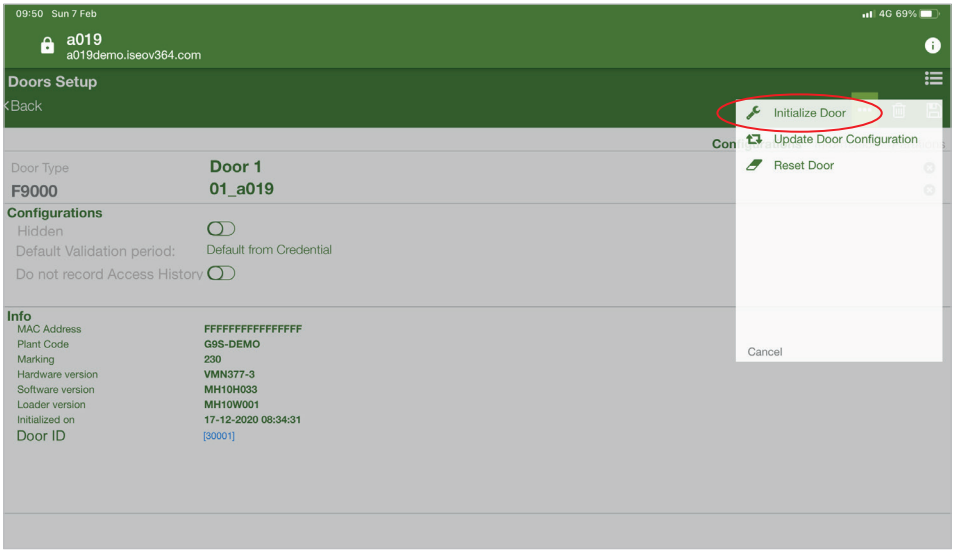
An initialized cylinder can only be opened by credentials programmed to open the door on which it has been installed (same plant code).

1. On your tablet open the *V364 app* main page, as showed in the *Demo Flow* execution paragraph (steps 1 and 2).

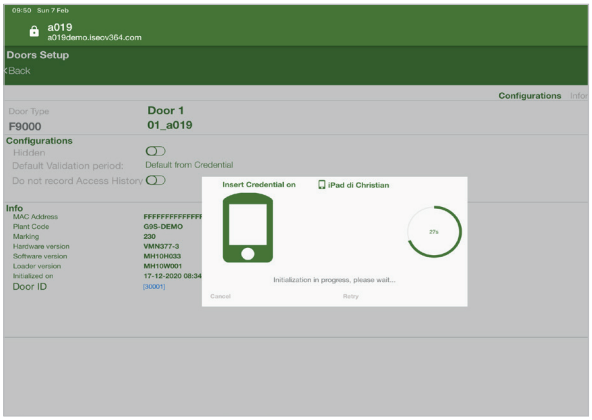
2. Touch **System Configuration**, then **Door Configuration** and then **Doors Setup**.



3. Tap a door and then tap ••• to open the option menu. Finally tap **Initialize Door**.



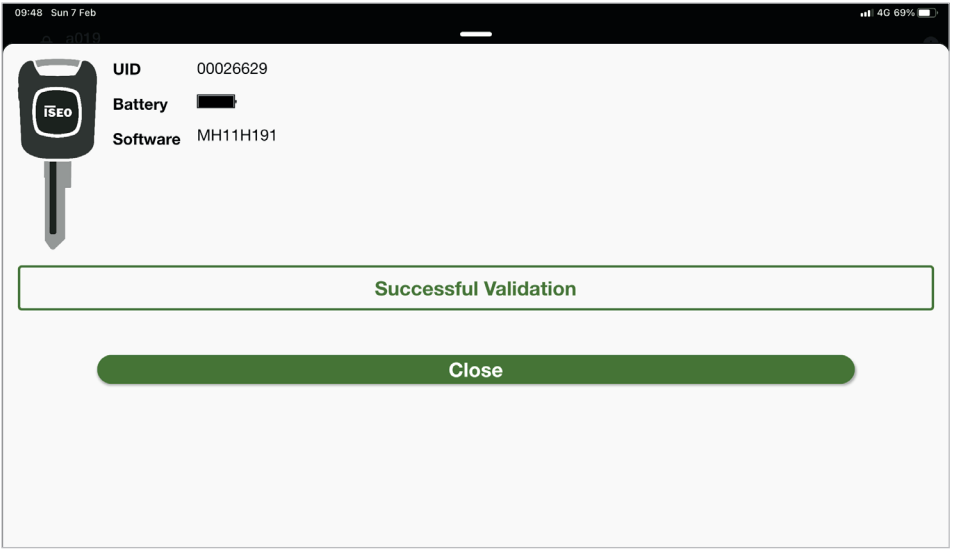
4. Tap **YES** to confirm and immediately press the *Programming Key* switch-on button, keeping the key nearby the tablet.





Switch ON button

5. Wait until the success validation message appears.



If communication fails, bring the *Programming Key* nearby the tablet, touch **Retry**, and immediately press the key switch-on button.

6. Insert the key in the cylinder that need to be initialized and wait until 3 blinking green signals to confirm the end of the operation.



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