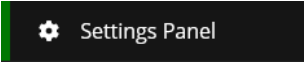


Introduction

In this document we will explain how to set up your IP-INTEGRA Access Control system to work with iLOQ S5 Series product.

Activation – IP-INTEGRA ACC

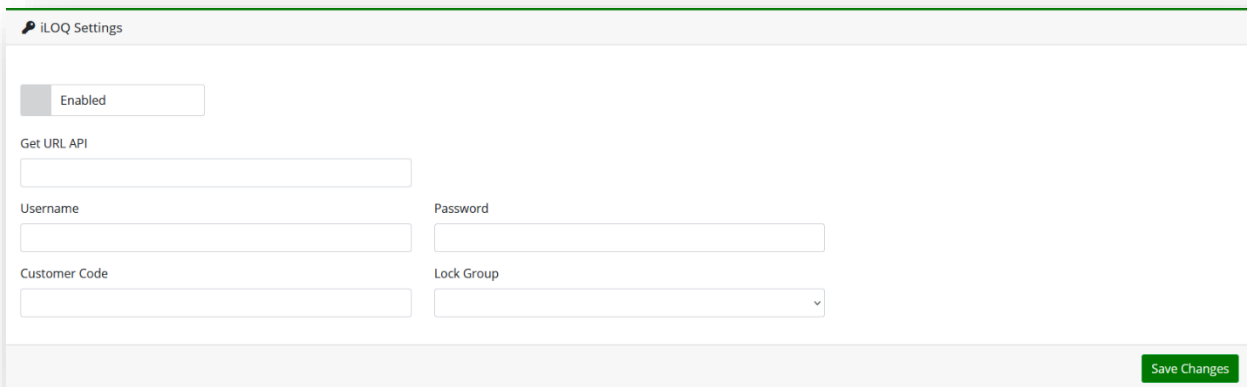
In the left side menu, click on **Settings Panel**.



Complete list of settings for Access Controller will be displayed.
Find and click on **iLOQ Settings**.



Following screen will show:



The screenshot shows the 'iLOQ Settings' configuration page. At the top left, there is a toggle switch labeled 'Enabled'. Below this, the 'Get URL API' field is empty. The 'Username' and 'Password' fields are also empty. The 'Customer Code' field is empty, and the 'Lock Group' field is a dropdown menu with a downward arrow. A green 'Save Changes' button is located at the bottom right of the form.

Following information is required and is provided by iLOQ along with the locking system:

- Service Address
- Service Code
- Customer Name
- Username
- Password

Enter the required information in their respective fields:

iLOQ Information	Access Control Forms
Service Address	URL API
Username	Username
Password	Password
Service Code	Customer Code
Customer Name	Lock Group

Bellow you can see example of correctly filled in forms:

The screenshot shows the 'iLOQ Settings' control panel. At the top, there's a toggle switch labeled 'iLOQ Settings' which is currently 'Enabled'. Below this, there's a section 'Get URL API' with a text input field containing 'iLOQ Service address'. Underneath, there are two columns of fields: 'Username' with a text input containing 'Username', and 'Password' with a text input containing '*****'. Below these, there are two more fields: 'Customer Code' with a text input containing 'ILOQ_XXXX', and 'Lock Group' with a dropdown menu showing 'Freund API Demo'. At the bottom right of the panel is a green 'Save Changes' button.

Finally, **save** and **apply** the changes.

The dialog box has a yellow background. At the top, it says 'Save your changes?' in bold. Below that, it says 'You can decide now or after all changes have been made.' At the bottom, there are two buttons: 'Apply' and 'Discard'.

NOTE: Synchronization with iLOQ is done every 40 seconds so it may take some time before the new keys appear in the system.

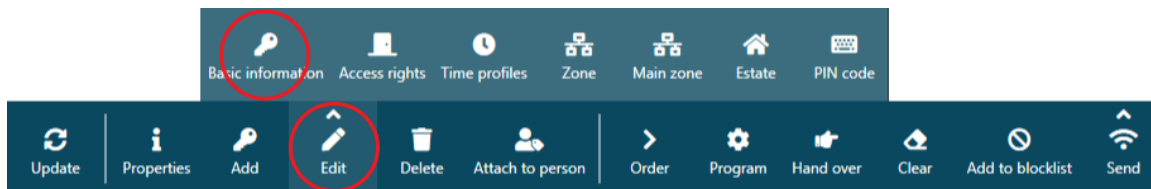
How it works – iLOQ

Below you will find a guide on how to import and sort the keys from iLOQ system into IP-INTEGRA access control system.

1. Log in to the iLOQ system and click on the **Manage keys – Browse keys**.

Name	Person	Company/Departm	Label	In the blocklist	Device ID	Type	Programming state	Expiration date	Main zone
AB-DEMO2-1-DK	B Anel		H8053	☒	34678053	Key Fob	Programmed		+
Card 1			Card 1	☐	0000001018026445	External RFID tag	Programmed		+
Card 2			Card 2	☐	0000001108962581	External RFID tag	Programmed		+
Card 3			Card 3	☐	0000001177694836	External RFID tag	Programmed		+
Card 4			Card 4	☐	0000001857485605	External RFID tag	Programmed		+
Card 5			Card 5	☐	0000000077500306	External RFID tag	Programmed		+
Card 6			Card 6	☐	0000001965286245	External RFID tag	Programmed		+
KEY 1 DK	B Anel		7053BD9	☒	117783513	S5 key	Programmed		+
Key 2- DK	B Anel		6C4147F	☒	113513599	S5 key	Programmed		+

2. Locate the key you want to sort and select it.
3. On the bottom of the screen click on **Edit – Basic Information**.



4. Following screen will show up:

In the **Additional info** field, you will enter a group name **with no spaces** for the IP-INTEGRA ACC system.

When the key is imported to IP-INTEGRA system, the group will be created with selected name and user account will also be created and assigned to that group.

Basic information

Name *

Card 1

Label

Label

Expiration date

Additional info

[Enter group name here]

Save

Cancel

It is possible to enter multiple groups by using separator – **semicolon “;”**.

Example:

Basic information

Name * Label

Expiration date

Additional info

In the IP-INTEGRA ACC system, here is how it will look like:

6	BuildingAEntrance1	Card1_304690692 x	  
7	BuildingABasement1	Card1_304690692 x	  

As you can see, user account and 2 groups have been created (User name is based on card number), and user account is sorted into these groups.

NOTE: It is very important not to make a grammar mistake when entering group names as it will result in creating additional groups with incorrect names.

5. In the IP-INTEGRA ACC system you only need to create access rules for the newly created groups.

Add new access rule

Name

Group

Zone

Access time

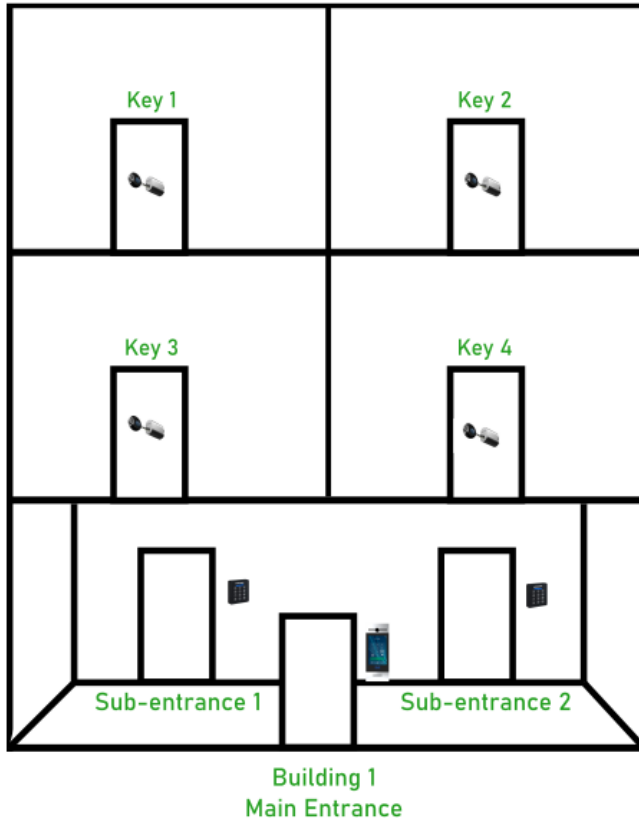
Type

☐ Holiday Enabled

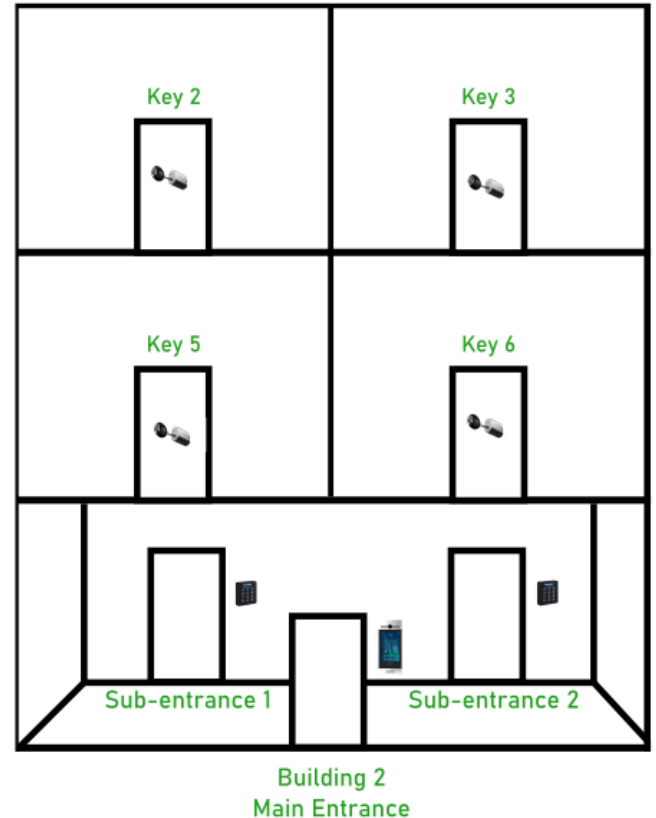
USE CASE

Below you can see a schematic example of two buildings with 4 apartments each, totaling 8 apartments. Each building will have one main entrance, and two sub-entrances for 2 separate flights of stairs.

Building 1



Building 2



All keys from Building 1 have access to the main entrance, however they only have access to the sub-entrance where the apartment in their possession is located.

The matter of configuration here is to enter the correct group names and our IP-INTEGRA controller will do the group and account creation and will automatically assign accounts to entered groups.

In this scenario, we want you to pay attention to Keys 2 and 3. They have apartments in both Building 1 and Building 2. This means that they require access to both buildings' main entrances, and the sub-entrances as well.

This is how we would sort them out(Reminder – **No spaces between words** – check photos below):

Key 1 – Building 1 Main Entrance; Building 1 Entrance 1

Key 2 – Building 1 Main Entrance; Building 1 Entrance 2; Building 2 Main Entrance; Building 2 Entrance 1

Key 3 – Building 1 Main Entrance; Building 1 Entrance 1; Building 2 Main entrance; Building 2 Entrance 2

Key 4 – Building 1 Main Entrance; Building 1 Entrance 2

Key 5 – Building 2 Main Entrance; Building 2 Entrance 1

Key 6 – Building 2 Main Entrance; Building 2 Entrance 2

Example of how to fill out information correctly to achieve the required result:

ILOQ Key 1:

Basic information		
Name *	Key 1	Label
Expiration date		
Additional info	Building1Entrance1;Building1Main	
		Save Cancel

ILOQ Key 2:

Basic information		
Name *	Key 2	Label
Expiration date		
Additional info	Building1Entrance2;Building1Main;Building2Entrance1;Building2Main	
		Save Cancel

ILOQ Key 3:

Basic information		
Name *	Key 3	Label
Expiration date		
Additional info	Building1Entrance1;Building1Main;Building2Entrance2;Building2Main	
		Save Cancel