

2.6

RELEASE FOCUS

delégo

ekinex

HIGHLIGHTS

The new Delègo Server 2.6 update puts the spotlight on the heart of Ekinex innovation, our software. This latest update not only brings many usability improvements, but also powerful new features that will help System Integrator to be even more efficient.

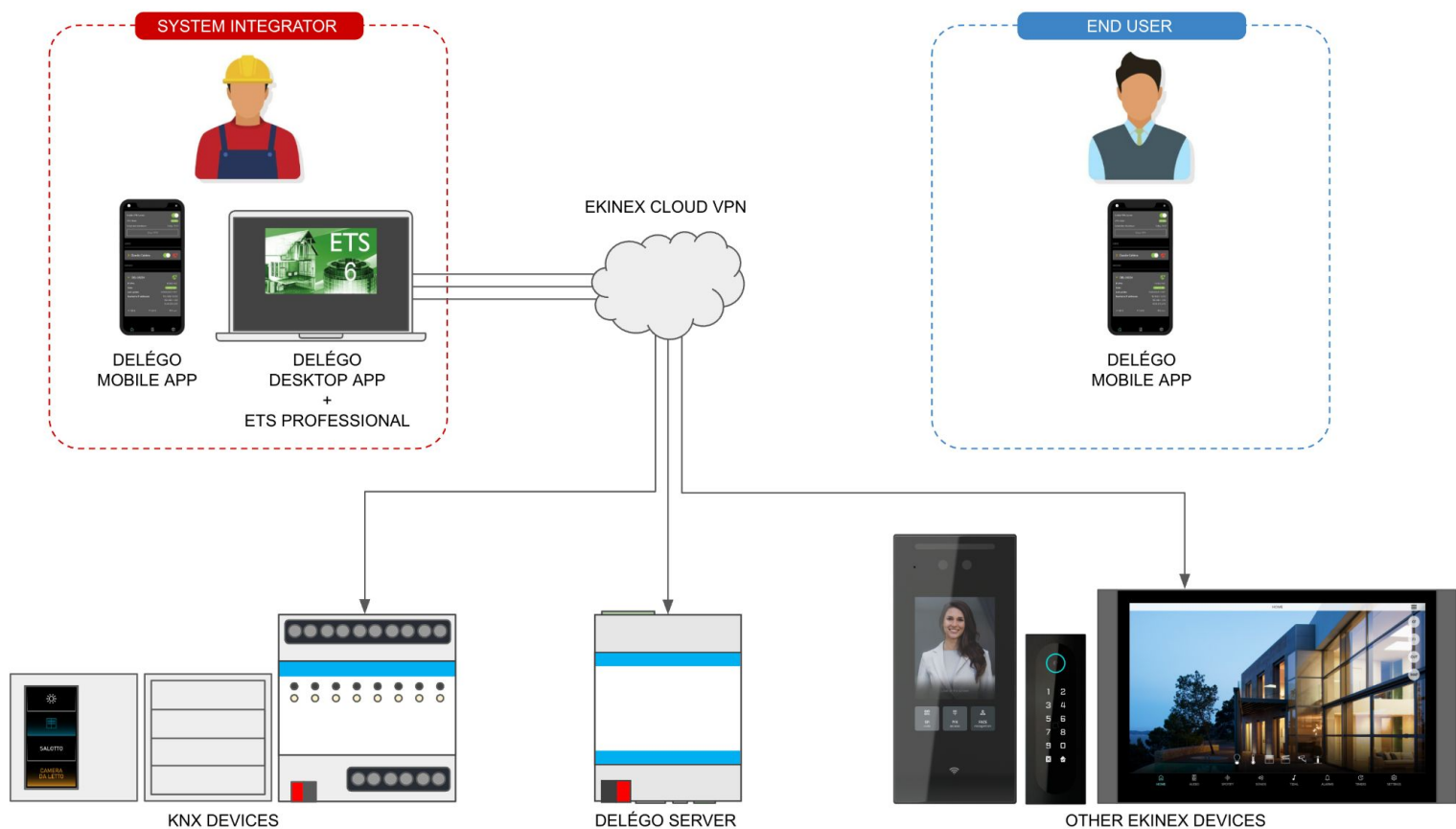
Here is a brief overview of the highlights:

- 1 **CLOUD VPN**
- 2 **KNX SECURE**
- 3 **NEW ETS IMPORT**
- 4 **CLOUD BACKUP**
- 5 **CONNECTIONS**
- 6 **DELEGO.LOCAL**
- 7 **LINK OBJECTS**
- 8 **ACCESS CONTROL**
- 9 **NEW DOCUMENTATION PLAN**

1 CLOUD VPN

The Ekinex cloud now offers the possibility to securely connect in VPN to Delégo Server, and the home network where it is installed, for the remote commissioning of KNX devices and/or the diagnosis of problems on the KNX installation.

The service does not have any license costs or recurring fees.



Remote maintenance

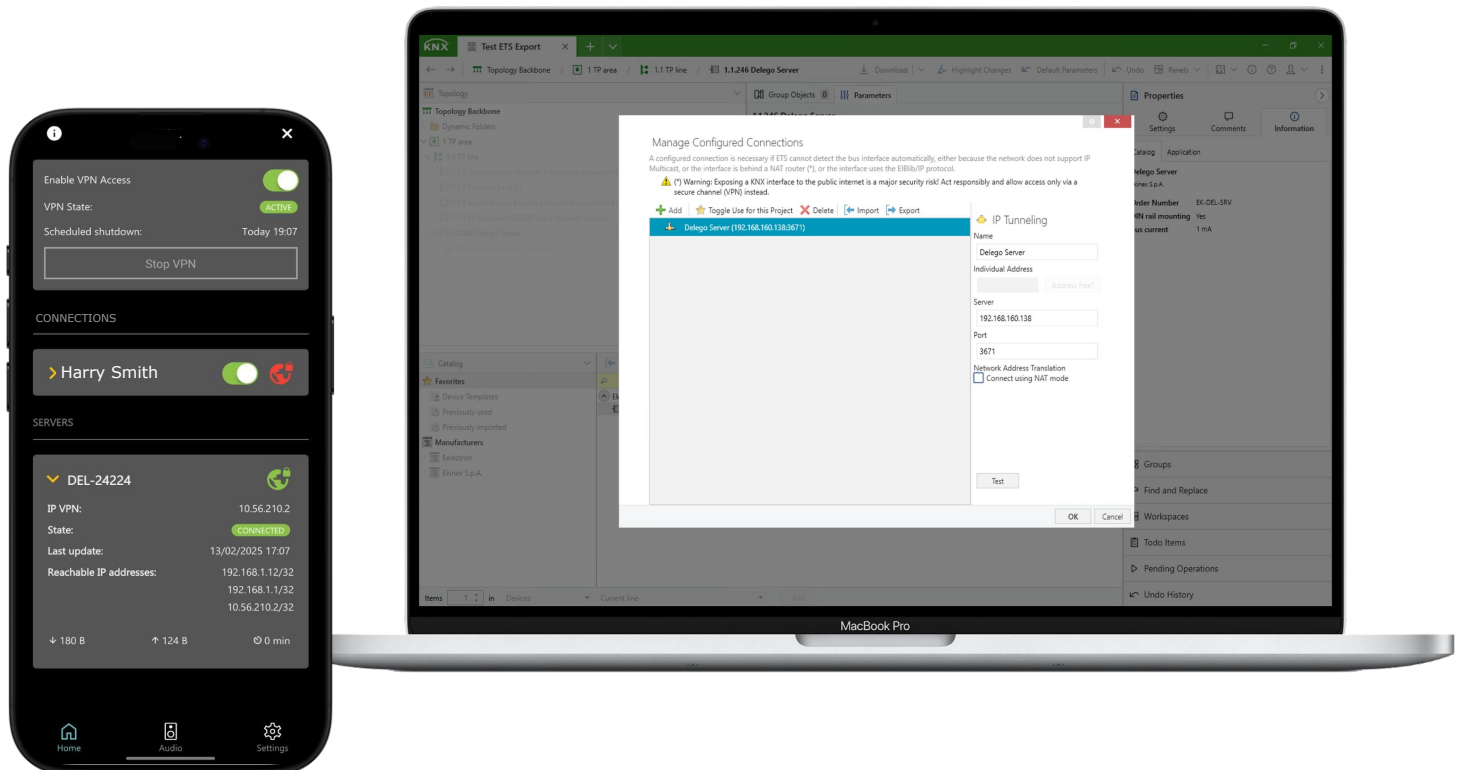
Thanks to the possibility to expose single IP addresses or entire subnets through the VPN connection, besides the Delégo Server itself, it is also possible to remotely configure IP-based devices like DICO, DELÉGO PANEL or 3rd party appliances.

Easy to setup

The configuration of the cloud VPN can be done entirely in Delégo Server. The Ekinex cloud VPN works with all the internet providers, with no need for external tools or additional settings in the router.

Fully integrated in Delégo app

The end users receives directly on the smartphone the requests to connect by the system integrator(s) and grants the VPN access directly inside the Delégo app. The same app allows the installer to start and stop the VPN, when there is the need to do the remote maintenance.



Top-level security

Each VPN makes use of the latest cryptographic technology, and runs in a dedicated “sandbox” on the cloud, to physically avoid any intrusion.

Automatic stop

For maximum security, the VPN automatically stops after 2 hours. The system integrator can reactivate it with the Delégo app if needed.

2 KNX SECURE

Delégo Server now fully supports the KNX Data Secure standard, and therefore permits the visualisation and control of secure KNX devices.

New KNX driver

The KNX communication driver has been completely redesigned, by integrating the official Falcon libraries, on which ETS is also based

New ETS Library for Delégo server

Required for the secure projects, the new library can be downloaded from the ETS online catalogue, and it is helpful also in standard applications as a 'placeholder' for the server

Keyring import from the ETS project

Permits to enable Delégo Server to communicate with all the secure devices in the system with a single operation



3 NEW ETS IMPORT

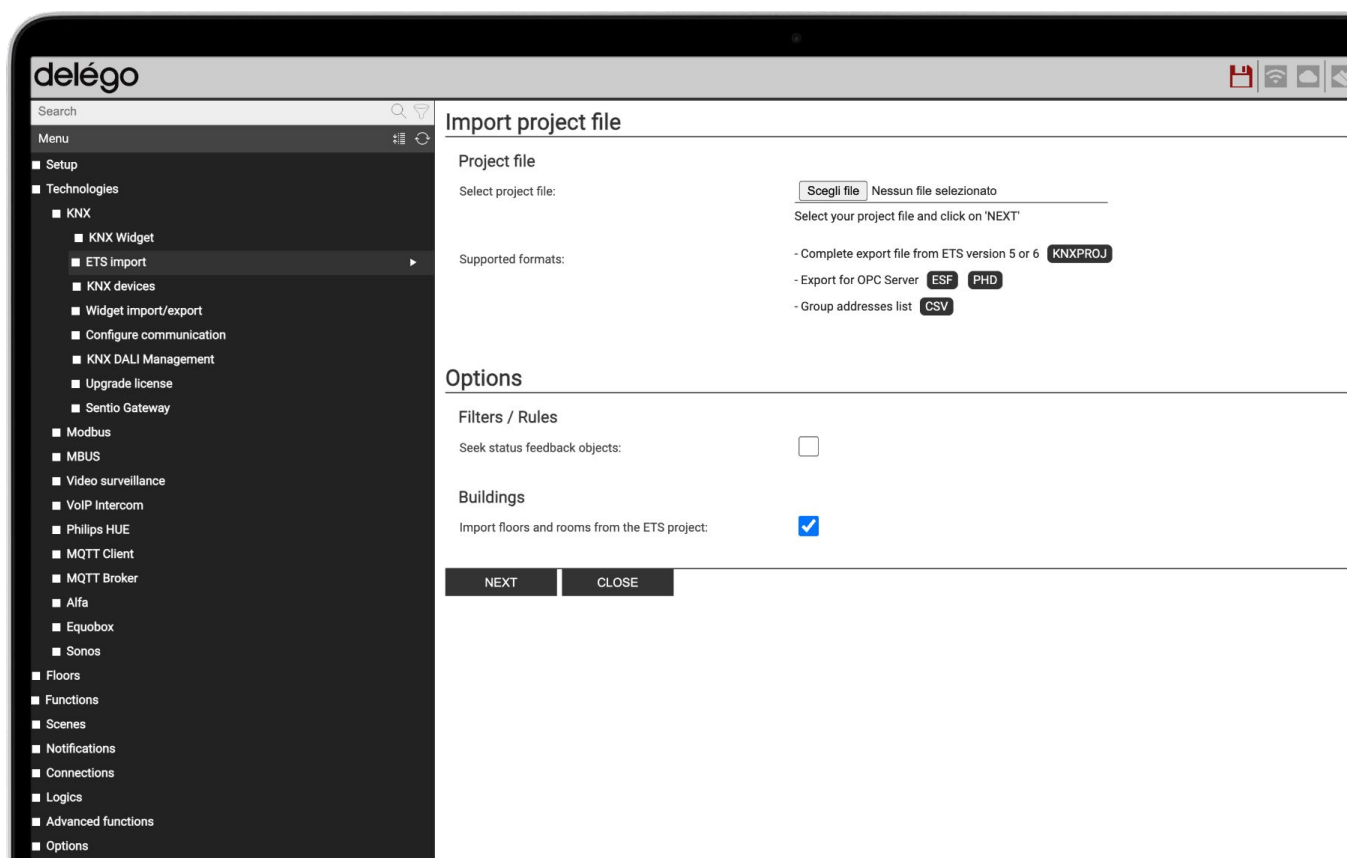
Delégo Server can now import the KNXPROJ file, which contains all the information of the project, in addition to the OPC format.

This significantly simplifies the import process, thanks to the fact that all the encodings and flags are contained in the imported file, and consequently it is no longer necessary to input them manually.

Automatic creation of Floors and Rooms

Starting from the “Building” view in ETS, Delégo Server can already configure automatically the navigation in floors and rooms.

In the next versions, this import procedure will also create the visualisation widgets, letting the system integrator to dramatically speed up the configuration process, and concentrate on more “creative” tasks like scenes, logics and integrations.



4 CLOUD BACKUP

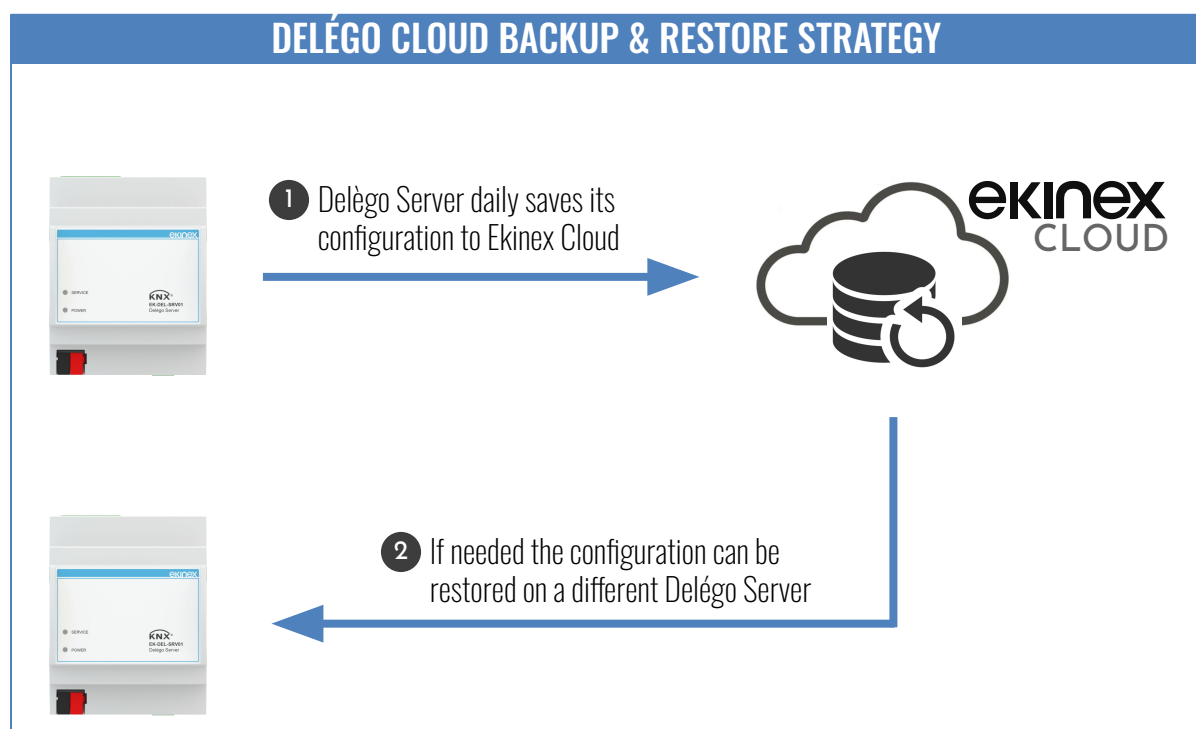
Delégo Server can automatically save its configuration database on the Ekinex Cloud, on a daily basis. This function allows a complete recovery of the webserver in case of damage.

Restore points

The backup are automatically done in background every day, but they can also be saved manually, for example after an update of the project by the system integrator, as a restore point.

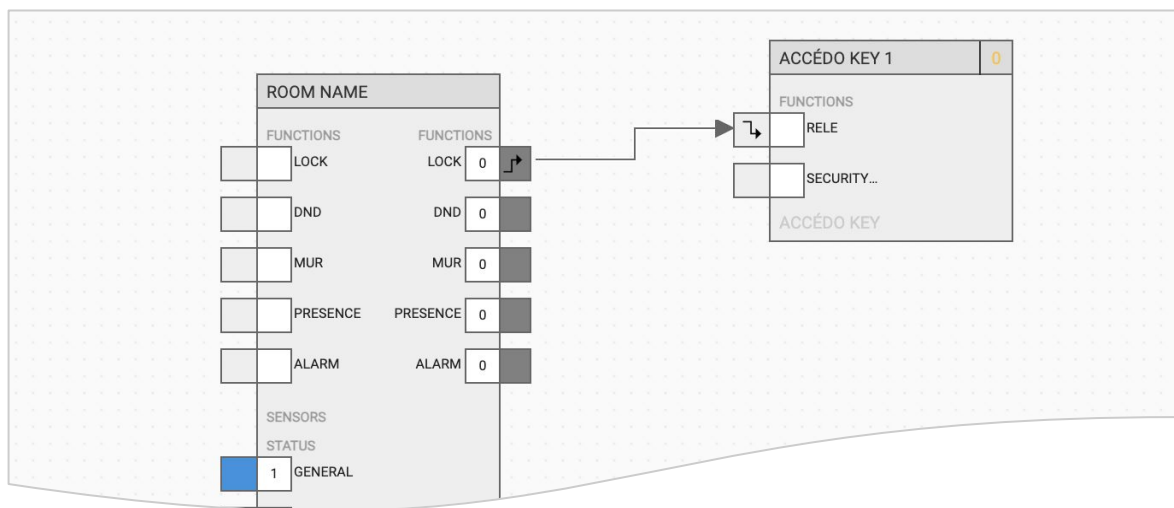
Up to 2 manual restore points, in addition to automatic backup, can be saved for free on the Ekinex Cloud.

In case of failure of a Delégo Server, the configuration files saved on the Ekinex Cloud can be used to restore the project into a new webserver.



5 CONNECTIONS

It is now possible to establish connections among widgets and objects, belonging to the different supported technologies, with an easy-to-use visual editor based on blocks and arrows.



Event based automations

The connections are a visual representation of relationships among the entities of the project, which determine an automatic action on an object (the *destination*) with a given value, each time the status of another object (the *source*) changes

More possibilities in the Advanced Functions

New elements have been added to the Advanced Functions menu, in order to empower the connections with combinatorial logics (AND, OR, NOT), mathematical operators, compare functions and integrators

6 DELEGO.LOCAL

From this release Delègo Server can be reached at the predefined address delego.local, making installation and access immediate and user-friendly.

Ready to use

Delègo Server now starts in DHCP mode for maximum configuration simplicity.



7 LINK OBJECTS

It is now possible to add one or more links, pointing to external web pages or 3rd party apps, to the visualisation project in Delégo Server.

The shortcuts can be inserted into the rooms or in the navigation menu



8 ACCESS CONTROL

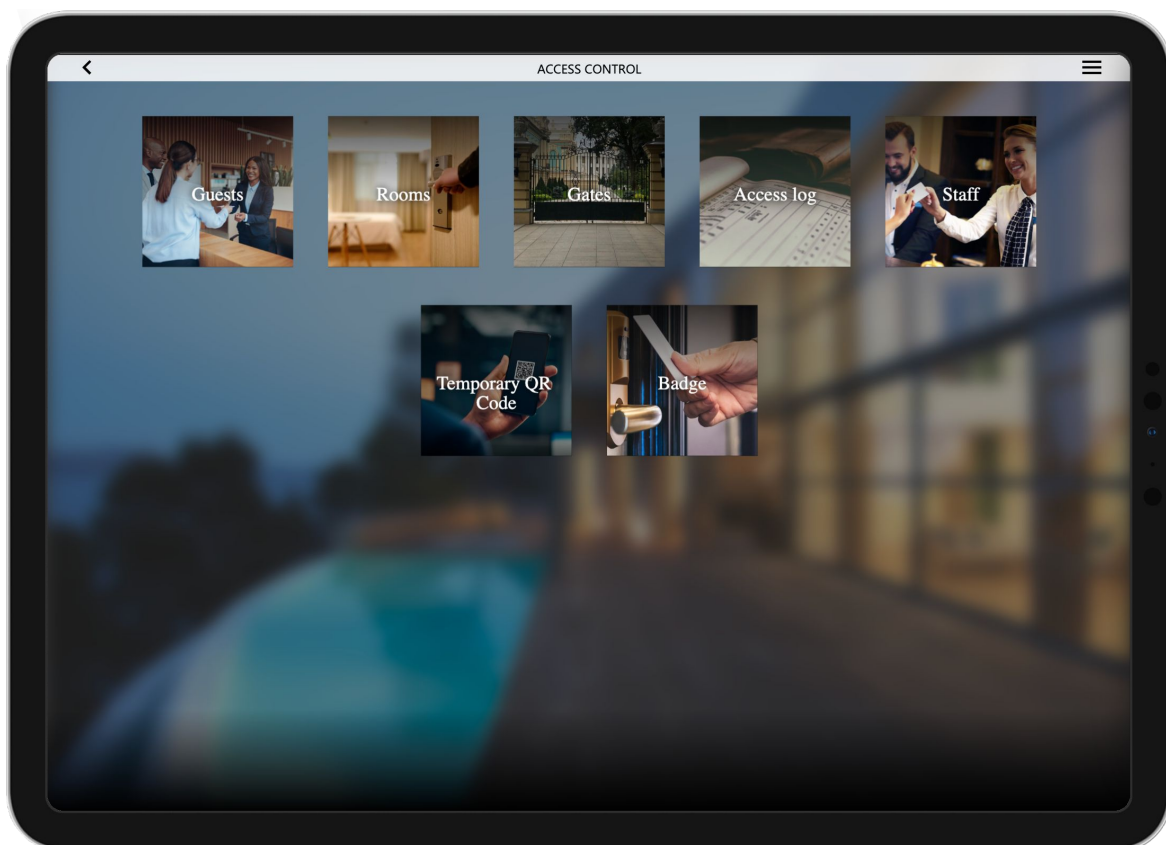
Delégo Server now integrates a scalable and flexible hospitality solution, suitable for a wide range of application, starting from non-presidated B&B to large hotels and commercial buildings.

Multi-technology

Delégo Server can manage different access control devices, based on the KNX standard or the IP network, like our DICO video door phone and the new ACCÉDO KEY multifunctional keypad.

Easy guests management

A dedicated area in the Delégo app allows for the management of new guests, specifying for each one the period of stay and their permissions. A welcome e-mail is automatically sent to the guests with the instructions for an autonomous access.



Multiple access methods

People can enter a building protected by Delégo Server by entering a PIN, showing a QR code or presenting an RFID badge to any of the installed DICO and ACCÉDO KEY devices. 3rd party KNX numeric keypads are also supported.



QR CODE



PIN CODE



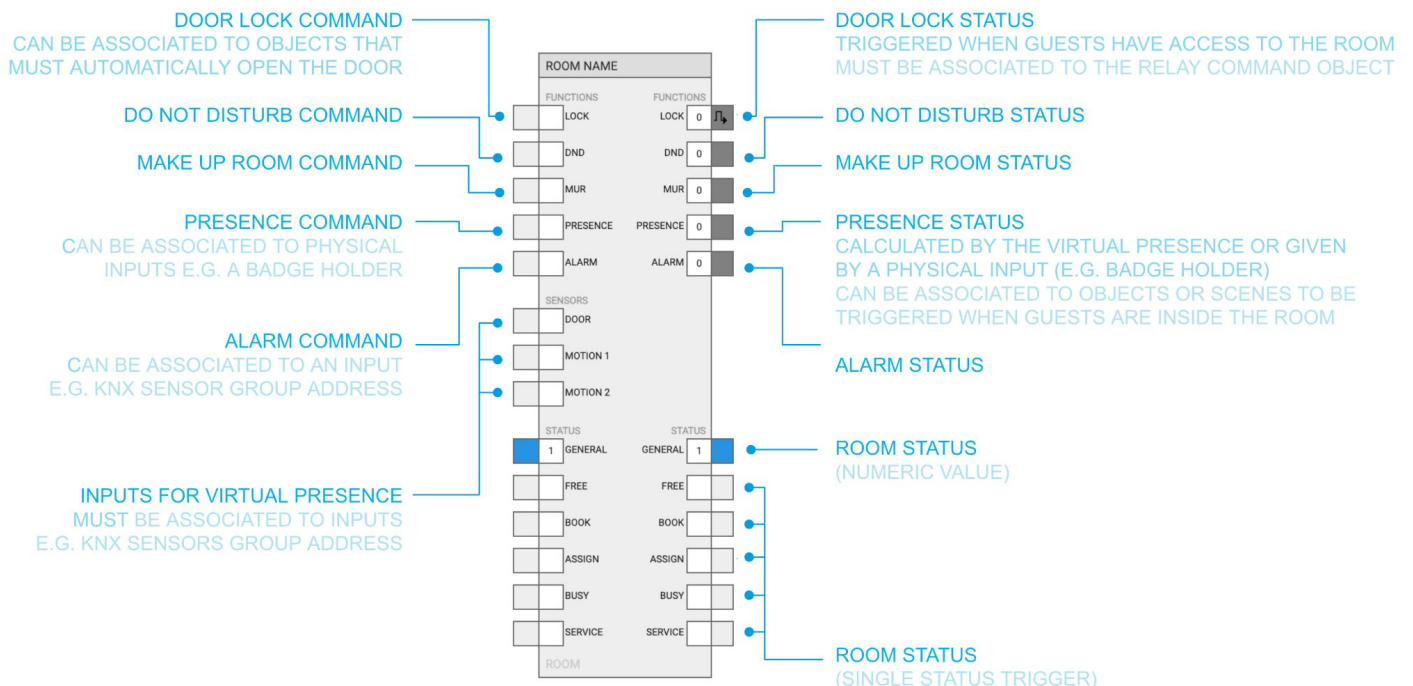
RFID CARD



GUEST APP

Room virtual presence

The presence of persons in the room can be calculated using a specific algorithm, based on the sequence of signals collected by multiple sensors, like presence detectors and door contact..



Integration with the Oracle Micros Opera PMS

Check-In, Check-Out, and guest room management can now be done directly from Oracle Micros Opera thanks to PMS integration available as additional license on Delégo.

9 NEW DOCUMENTATION PLAN

For an easier consultation, the user manuals have been updated, divided by topic, and organized into the following thematic areas:

System Configuration Manuals

Instructions on the general configuration of Delègo, the organization of the navigation among floors and rooms, the configuration of the app and the cloud services, the advanced functions and the automations

Fieldbus Configuration Manuals

Specific instructions on the configuration of the main technologies managed by Delègo Server: KNX, Modbus, M-Bus and MQTT

Application User Manuals

Description of applications that are transversal to the field technologies, such as energy management and access control

Integration Manuals

Step-by-step
other
communication protocols

