

2.7

RELEASE FOCUS

delégo

ekinex

HIGHLIGHTS

Delégo 2.7 redefines smart control with seamless Matter integration. Connect and manage Matter devices alongside professional KNX systems in a single app. Energy flows come to life through animated, real-time dashboards with instant access to PV, storage, EV charging, and smart meters. With AI-powered KNX visualization and auto-configured widgets, projects are ready in minutes.

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1 AUTOMATIC KNX VISUALISATION



Delégo Server reproduces the building structure of the ETS project by creating automatically floors and rooms in the visualisation. Background pictures are assigned to the rooms according to their typology.

The AI-powered import detects the Ekinex devices, interprets their configuration and creates automatically the widgets, by choosing the most appropriate template and placing them in the corresponding room.

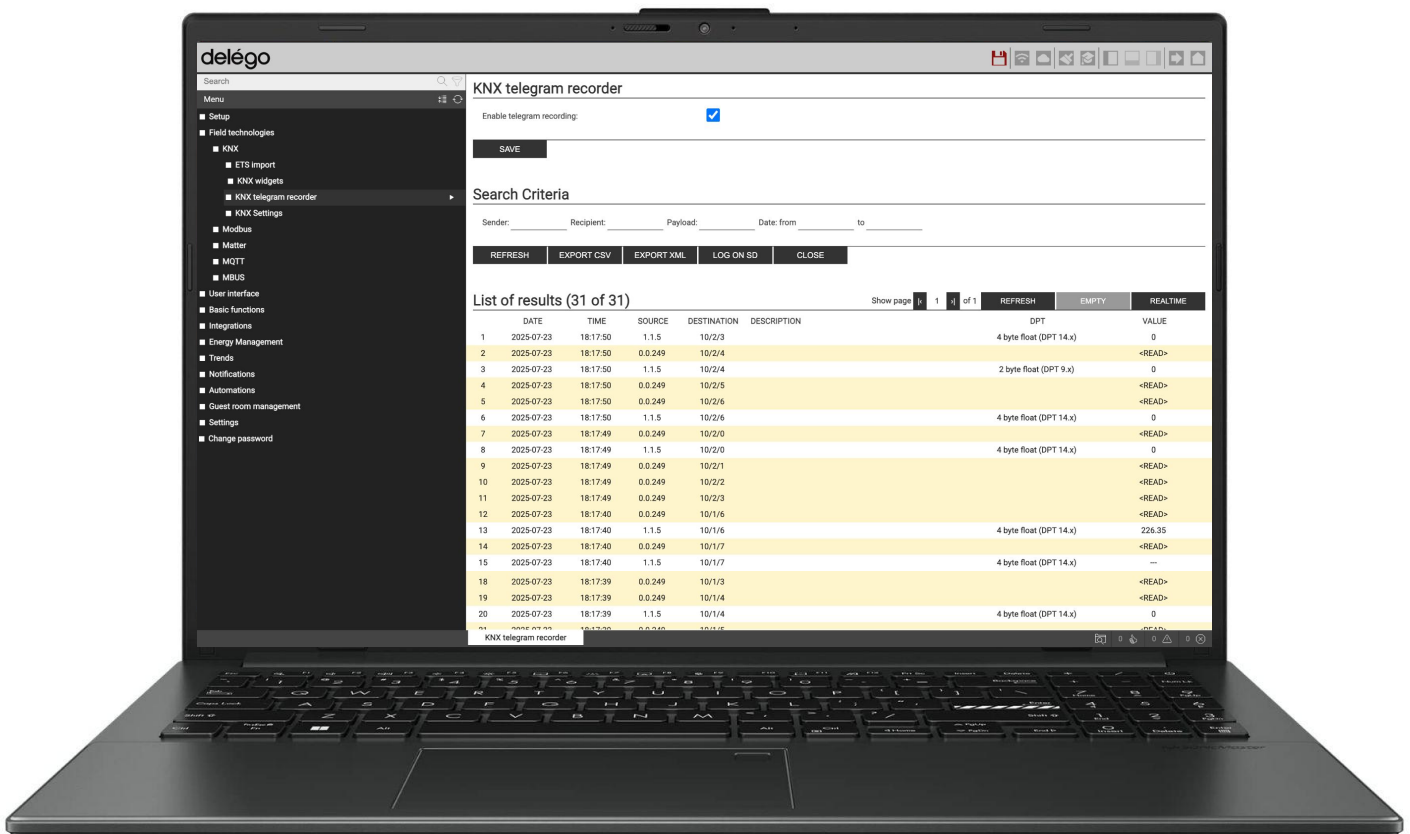
In a project entirely made of Ekinex products, the visualisation can be created in minutes, and you can concentrate on more creative activities!



2 KNX TELEGRAM RECORDER

Delégo Server can record all the telegrams on the KNX bus and store them for diagnostic purposes.

The recorded telegrams can be consulted interactively by the system integrator by accessing the dedicated page in the administration section of the server. No need to be on site, being it possible to manage it also remotely.



If an SD card is inserted in the webserver, the KNX traffic logs are automatically stored on the external memory on daily basis. In a second moment, the system integrator can choose the desired day on the calendar, and download the recording in XML format, ready to be imported and analyzed in ETS Professional.

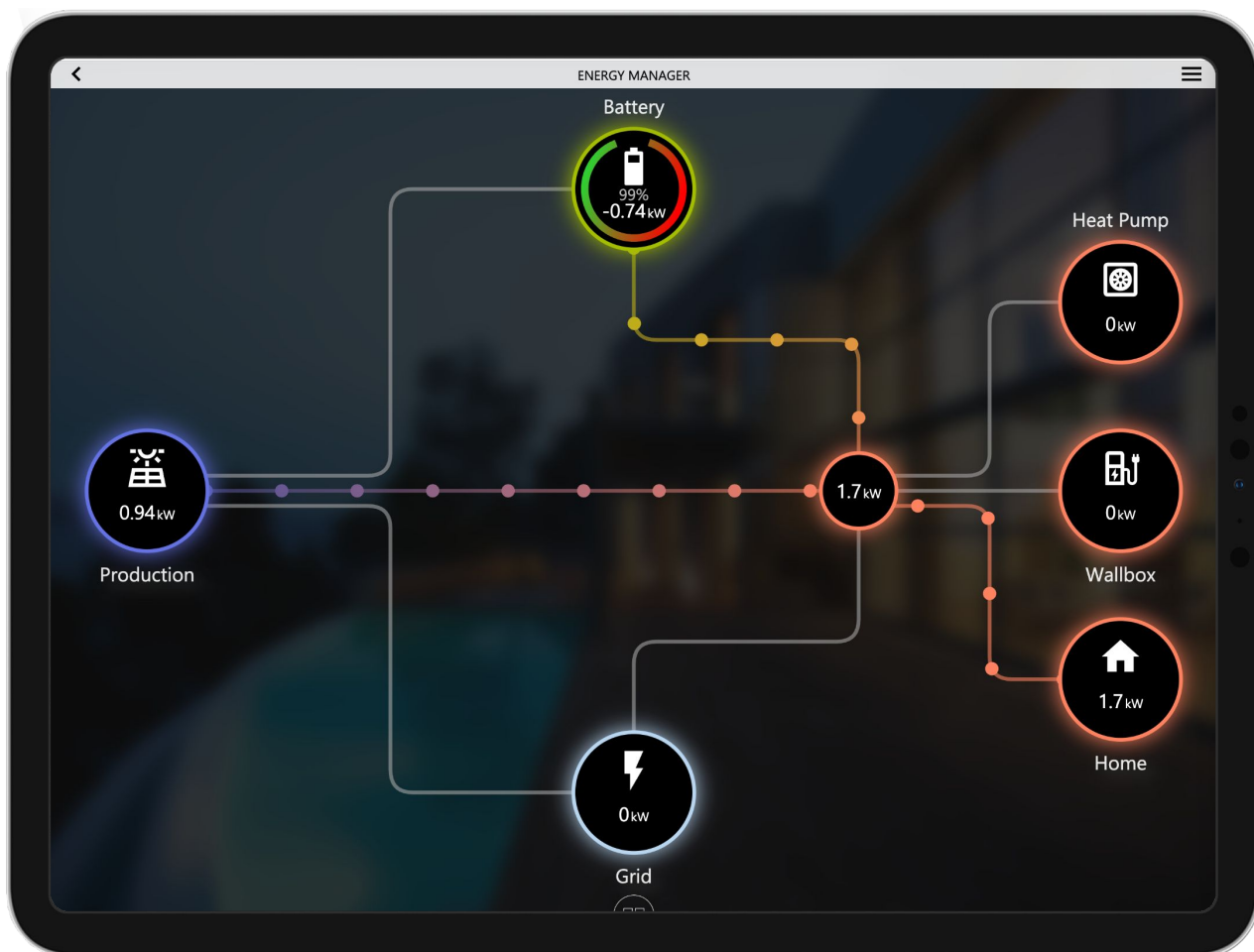
3 SMART METERING



With Delégo Server, energy management becomes an engaging, intuitive experience. The system brings your energy flows to life through dynamic animated dashboards where every component of your smart energy ecosystem is monitored in real time.

From PV production and battery storage to EV charging, and home consumption, every element is clearly represented with live power values and intuitive visual indicators. In just one glance, users can understand where energy is being produced, stored, consumed, or exported.

Seamless integration with KNX, Modbus or M-Bus meters ensures you're always in control—with no complex configuration required.





Solaredge API integration

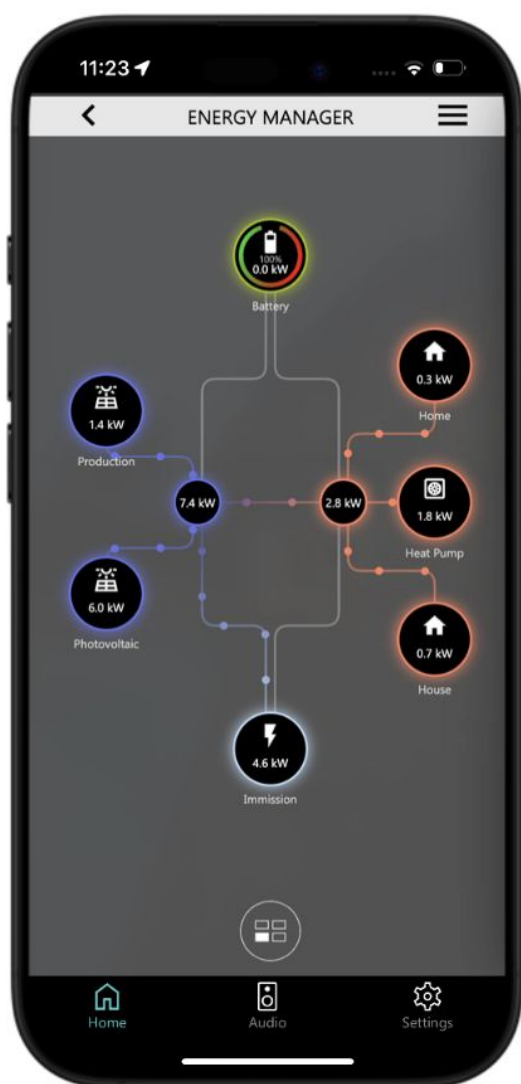
Delégo Server now supports seamless integration with SolarEdge inverters and energy management systems via their official API. This integration allows real-time monitoring and advanced energy analysis within the Delégo interface, providing users with a unified energy management experience.

Delégo connects to the SolarEdge cloud platform using secure API requests, retrieving up-to-date production data (PV output, inverter status, energy yield, etc.)

The SolarEdge data can also be combined with KNX, Modbus, or M-Bus devices within Delégo to provide a complete and unified dashboard of all the appliances.

Unified and Responsive User Interface
The same intuitive interface is available on:

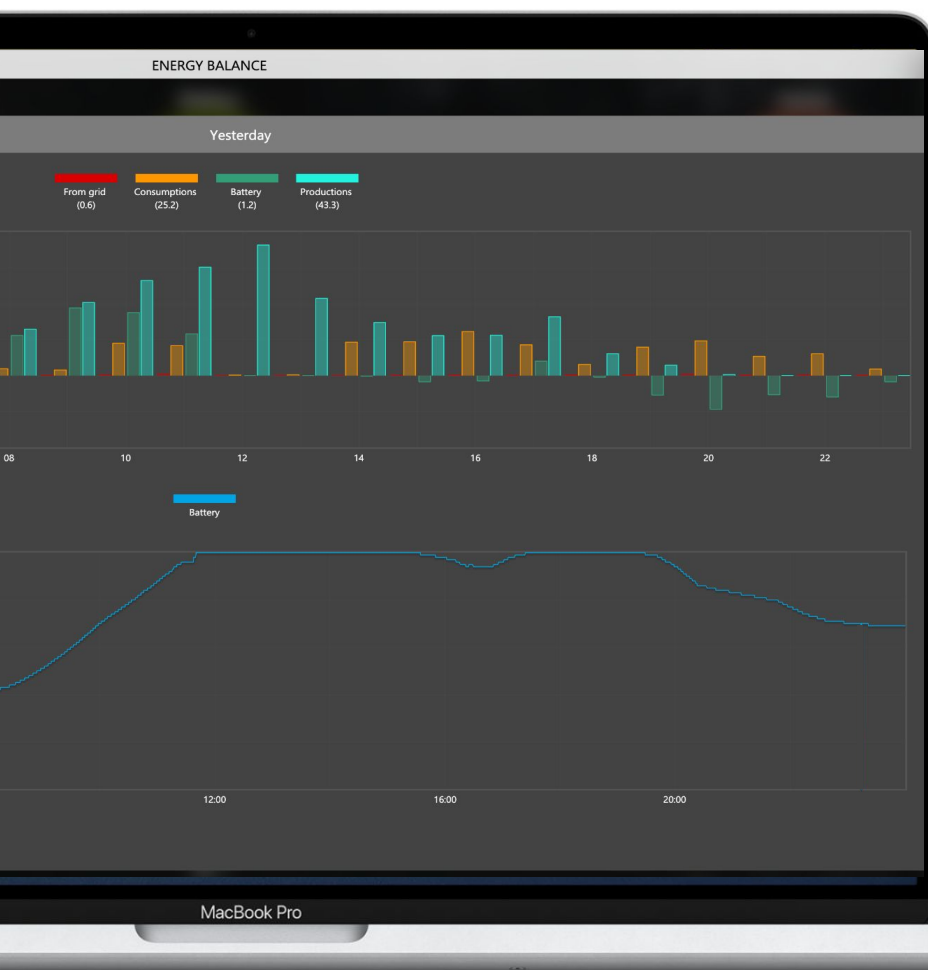
- iOS/Android smartphones and tablets
- Delégo Panels
- Any modern Browser



Trends and analytics

Delégo Server includes a built-in trends and analytics module that allows users to monitor and analyze the historical behavior of the energy system. Data collected from meters, inverters, batteries, and other devices is automatically stored and visualized in clear, time-based charts. The system provides:

- Hourly and daily breakdowns of energy production, consumption, battery charge/discharge, and grid exchange
- A combined view of different data sources (e.g., solar inverters, smart meters, storage systems) in a single dashboard
- Visualisation of trends over custom time intervals (daily, weekly, monthly, yearly)



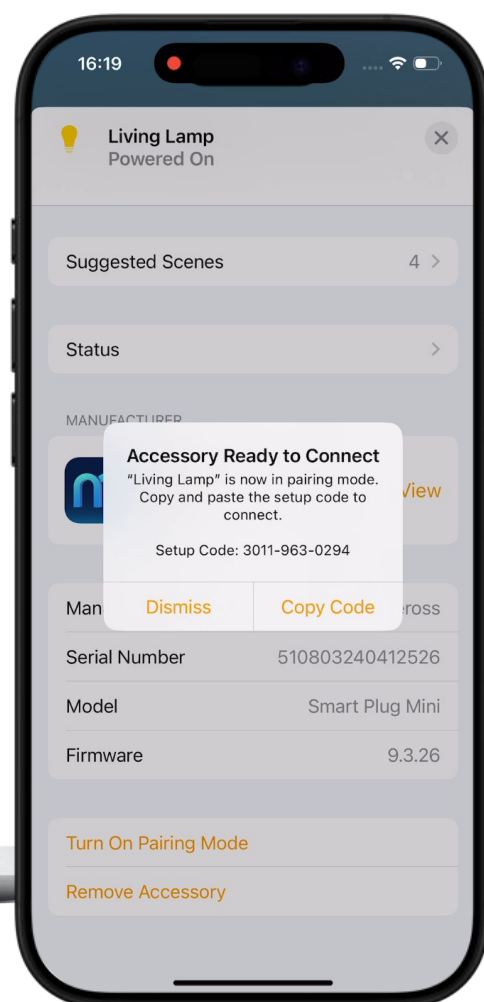
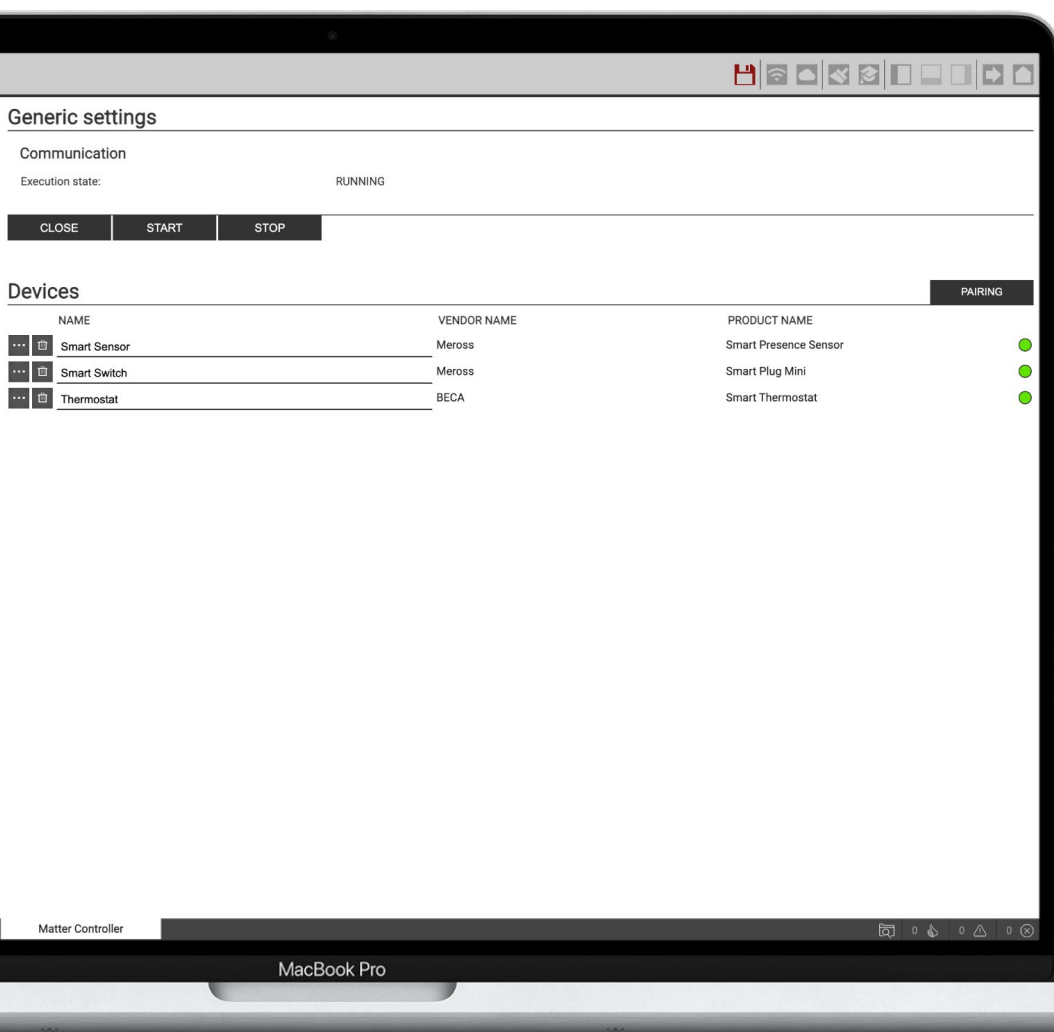
This feature helps users track performance, detect anomalies, and evaluate energy usage patterns over time. All charts are updated in real time and require no additional configuration once devices are integrated into the system.

4 MATTER CONTROLLER

Delégo Server now natively supports Matter, the standard for the smart home.



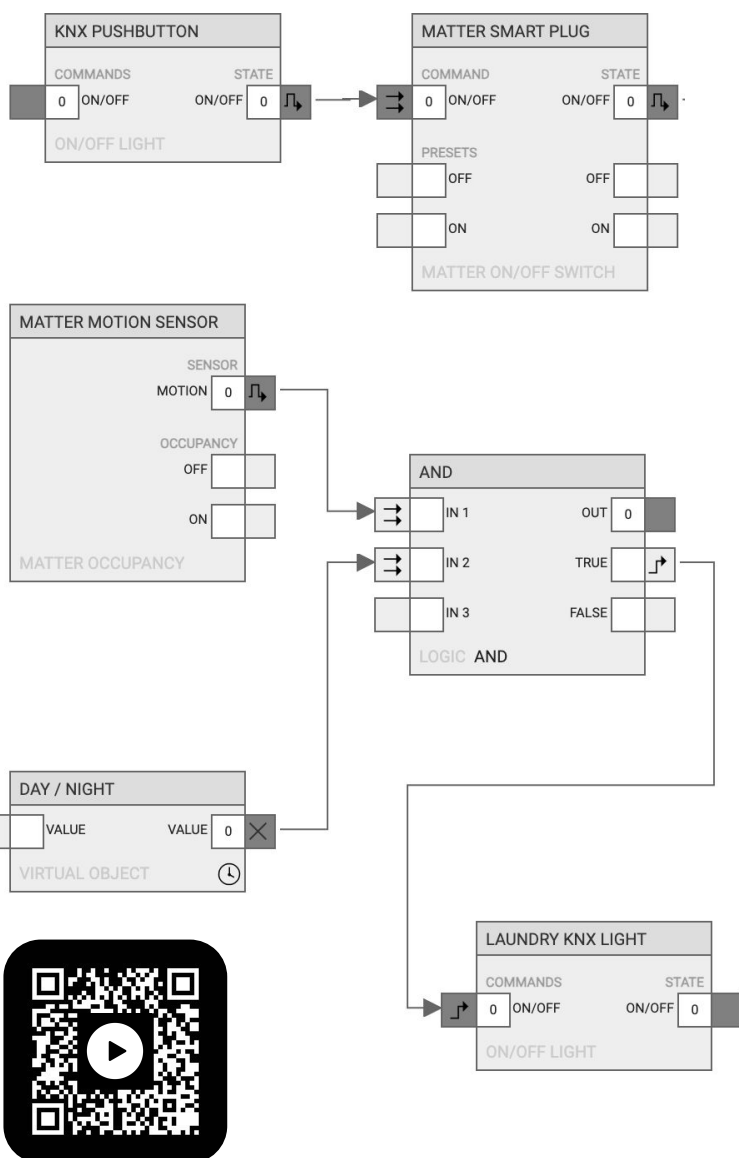
Once a Matter device has been added to the preferred smart home ecosystem (Apple Home, Google Assistant, Amazon Alexa, Samsung SmartThings etc...) it is possible to control it with Delégo, with a simple pairing procedure, based on a numeric code generated by the app.



Harmonized visualisation

The detected Matter devices can be added to the rooms in the Delégo visualisation, in the same way of the other technological widgets.

In this way, the end user can control the KNX professional domotic system and the smart home appliances, with the unique Delégo app.



Integrated automations

A wireless sensors can switch the KNX lights in the hallway, and a lamp connected to a smart plug can be controlled by a KNX pushbutton.

These are just examples of the possibilities offered by the automations between Matter and KNX devices, that can easily be created in the integrated logic editor of Delégo Server.

5 DELÉGO APP FOR DESKTOP

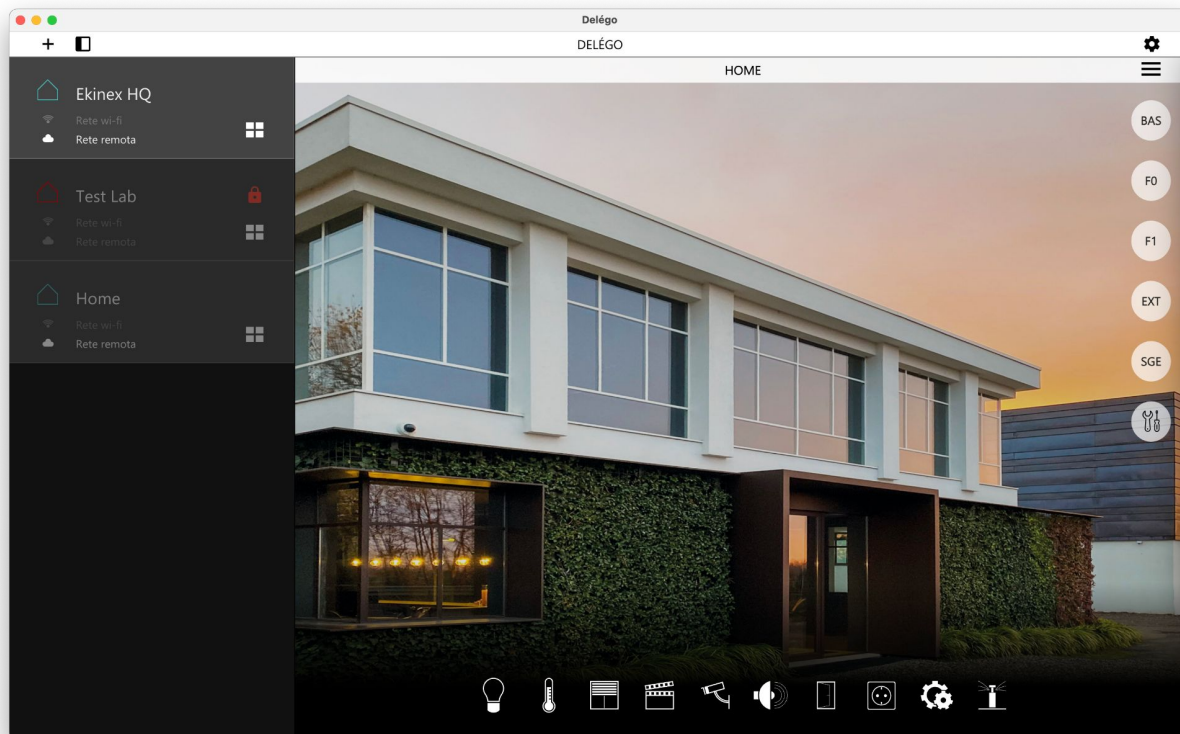


The Delégo app is now available also for Windows PC and Mac.

Multi-server monitoring

This app is particularly suited for the monitoring of multiple buildings, in the same location or distributed on different sites, each equipped with one (or more) Delégo Server.

By entering the corresponding IP address and credentials, the projects can be navigated inside the same graphic environment, like they would be a single installation.



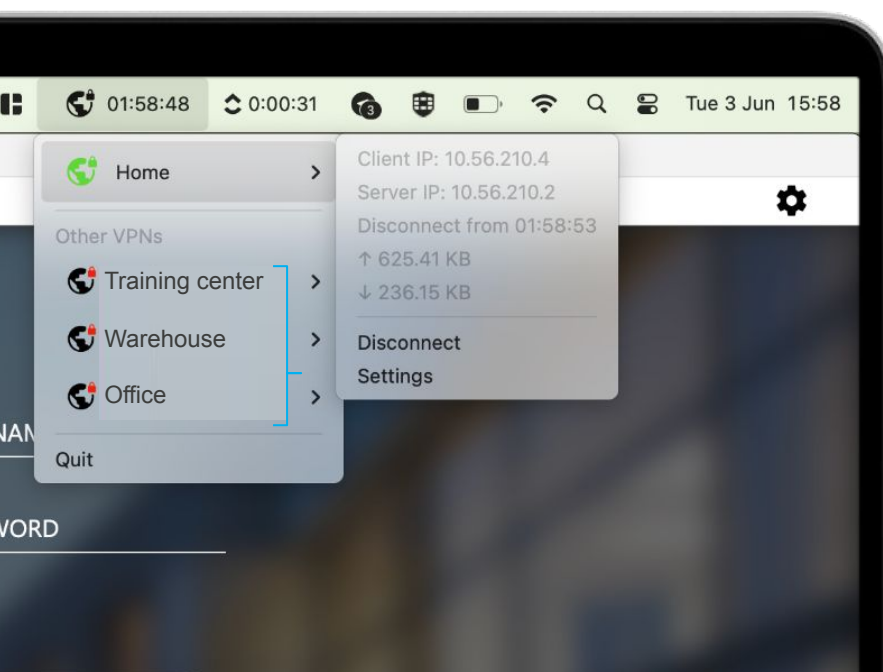
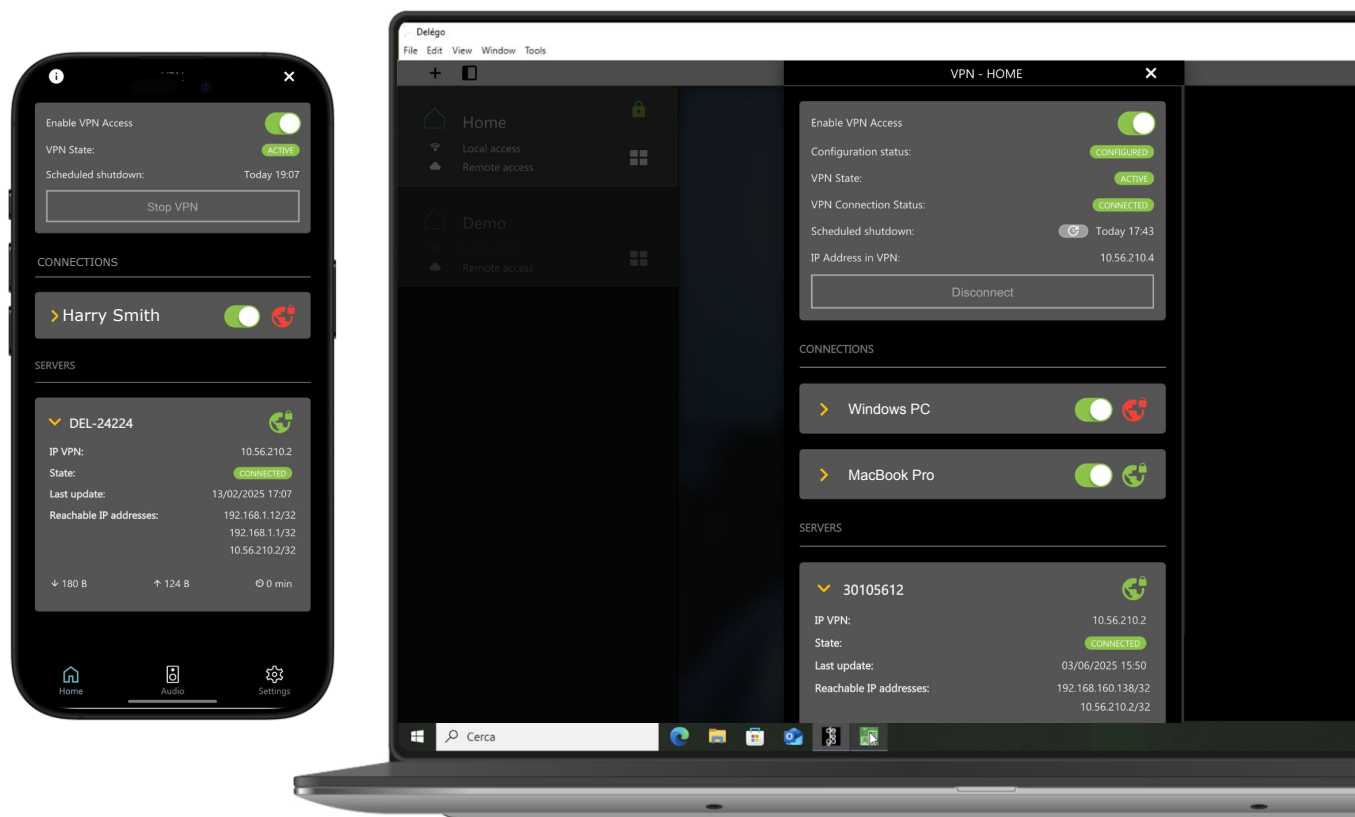
Unified message center

The notifications from all the configured servers can be monitored and managed in the app's message center, based on the Ekinex cloud.

Integrated VPN client

The desktop app integrates a VPN client, which exchanges the digital keys with the cloud and establishes a secure connection to the configured Delégo Servers, without the need for manual configurations.

The first time, an authorization request is automatically sent to the property owner, who grants the installer with the app on his smartphone.



Connection manager

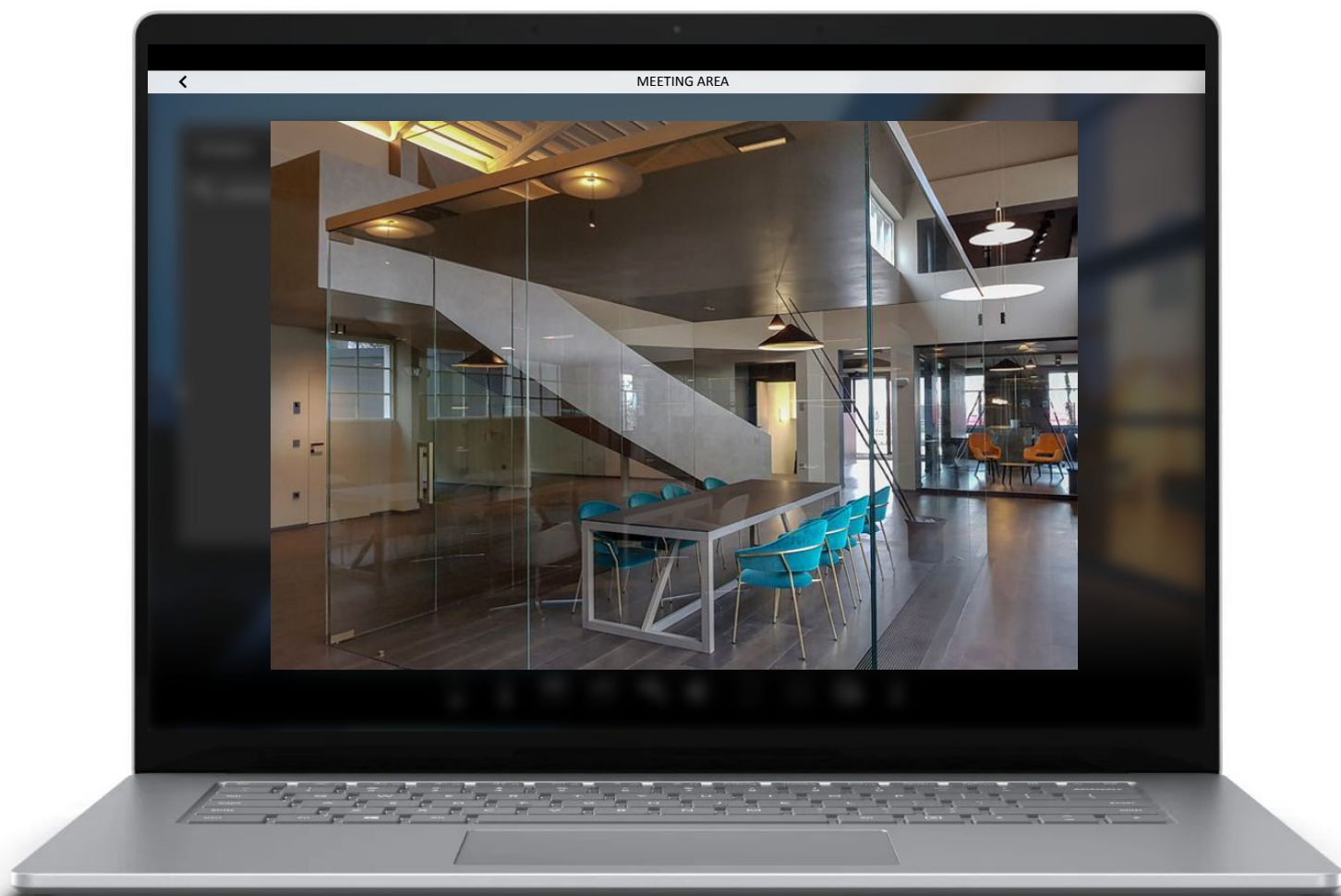
The menu in the system tray gives immediate access to all the servers previously associated to the system integrator's cloud account, even if they are not configured as projects in the app.

Just select the desired server and connect with a click!

6 IP CAMERA PROXY

Delégo Server can now connect directly to IP cameras in the building and re-stream them to the Delégo app, locally or through the Ekinex cloud.

In this way, customers can see their cameras when they are not on site, without any configuration on the IP router.



The IP camera proxy is compatible with all the most popular formats (RTSP, MJPG) and brands, and allows the visualisation of the streamings on all the platforms (smartphones, tablets, Windows PCs and Mac).

7 GUEST ROOM MANAGEMENT EVOLUTION

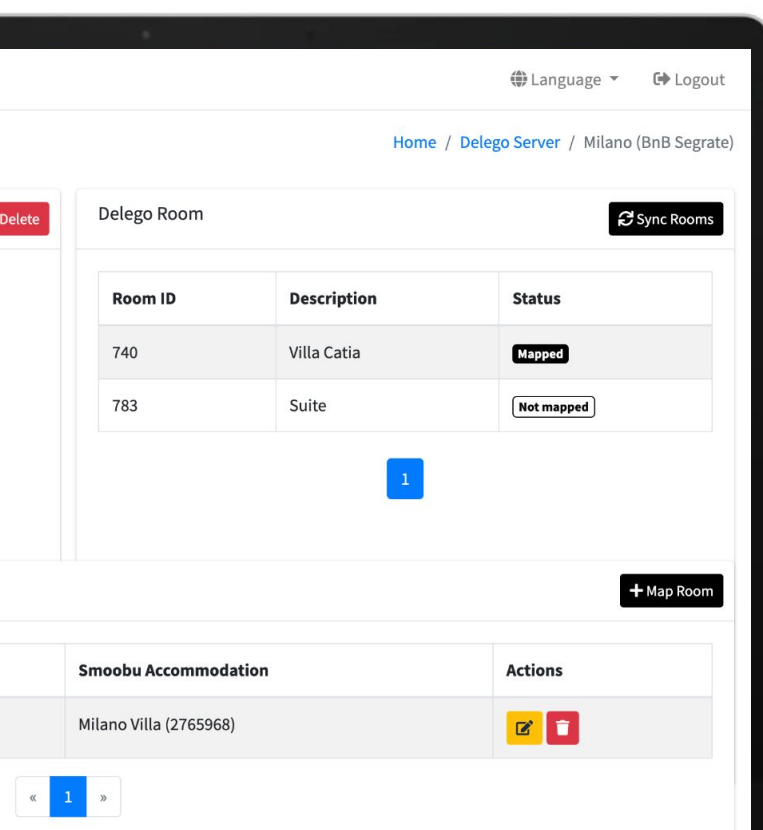
Delégo Server now supports seamless integration between Dico and Accédo Key technologies with the latest Ekinex KNX card readers and holders. Guests can use a single badge across all supported access devices, ensuring a smooth and unified user experience.

More PMS Integration

In addition, Delégo extends its interoperability with a wider range of Property Management Systems (PMS). For a complete and updated list please visit Ekinex website.

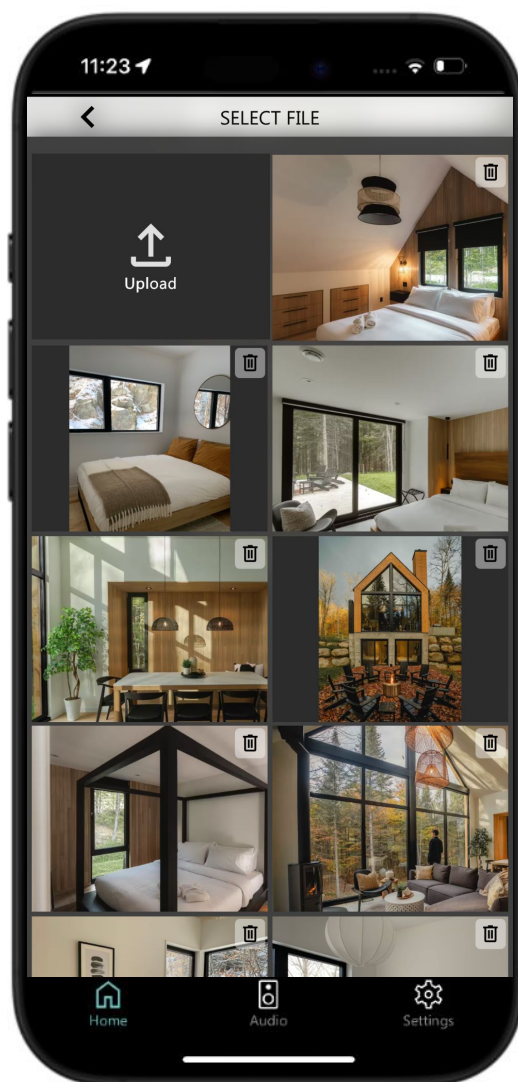
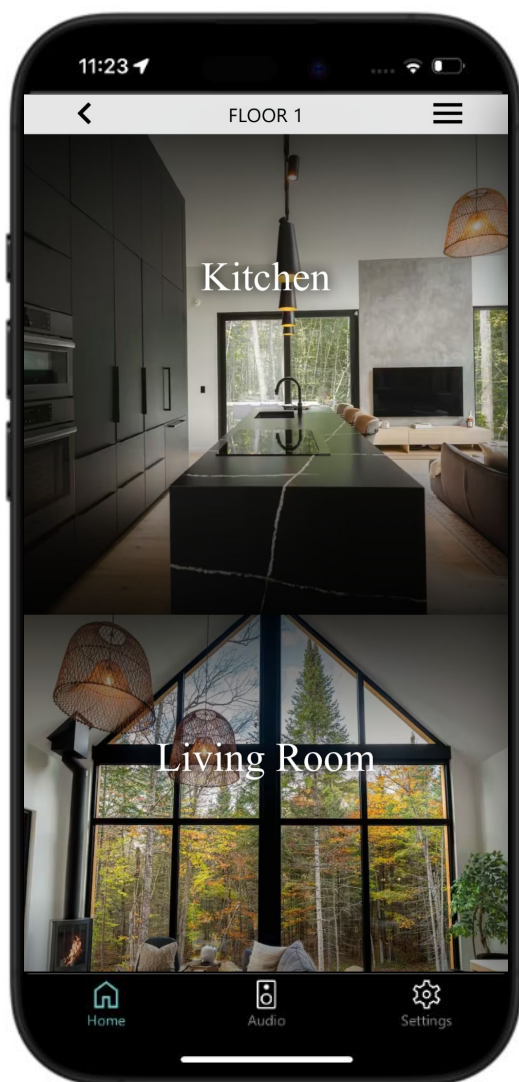
Channel Manager Integration

Thanks to integration with Smoobu channel manager, Delégo can now automatically sync reservations from major platforms such as Booking.com and Airbnb streamlining front desk operations and improving occupancy management.



8 USER INTERFACE IMPROVEMENTS

Delégo puts personalization at your fingertips: now you can customize the look & feel of the user interface by changing the background images of each room directly from the Delégo app on your smartphone. Use real photos of living spaces to reflect your actual home layout, creating a more intuitive and immersive control experience tailored to you.



Additionally, the icon of each widget can be now changed by choosing an element of the preinstalled library, or by adding new custom symbols.

9 ENHANCED LUA SCRIPTING ENGINE

The integrated logic engine of Delégo Server, based on the LUA programming language, has been completely redesigned, to be more efficient, flexible and reliable.

Integrated Development Environment

System integrators can now unleash their creativity and reduce the integration time by writing scripts and libraries, which have access to any of the supported technologies, can handle events, interact with 3rd party APIs etc...

Write and debug in real-time the scripts during their execution, thanks to the editor integrated in the administration space of the server.

The screenshot displays the Delégo Server administration interface. On the left is a sidebar menu with various configuration options. The main area is divided into three sections: Execution state, Incoming connections, and Outgoing connections, followed by a Debug console.

Execution state: Stop

Incoming connections:

NAME	VALUE	FUNCTIONALITY	ACTIVE	STATUS
Virtual Speed UP	\$VAL	STEP_UP	✓	—

Outgoing connections:

NAME	ACTION	VALUE	FUNCTIONALITY	ACTIVE	STATUS
Virtual Fan Speed	Write	\$VAL	SPEED	✓	—

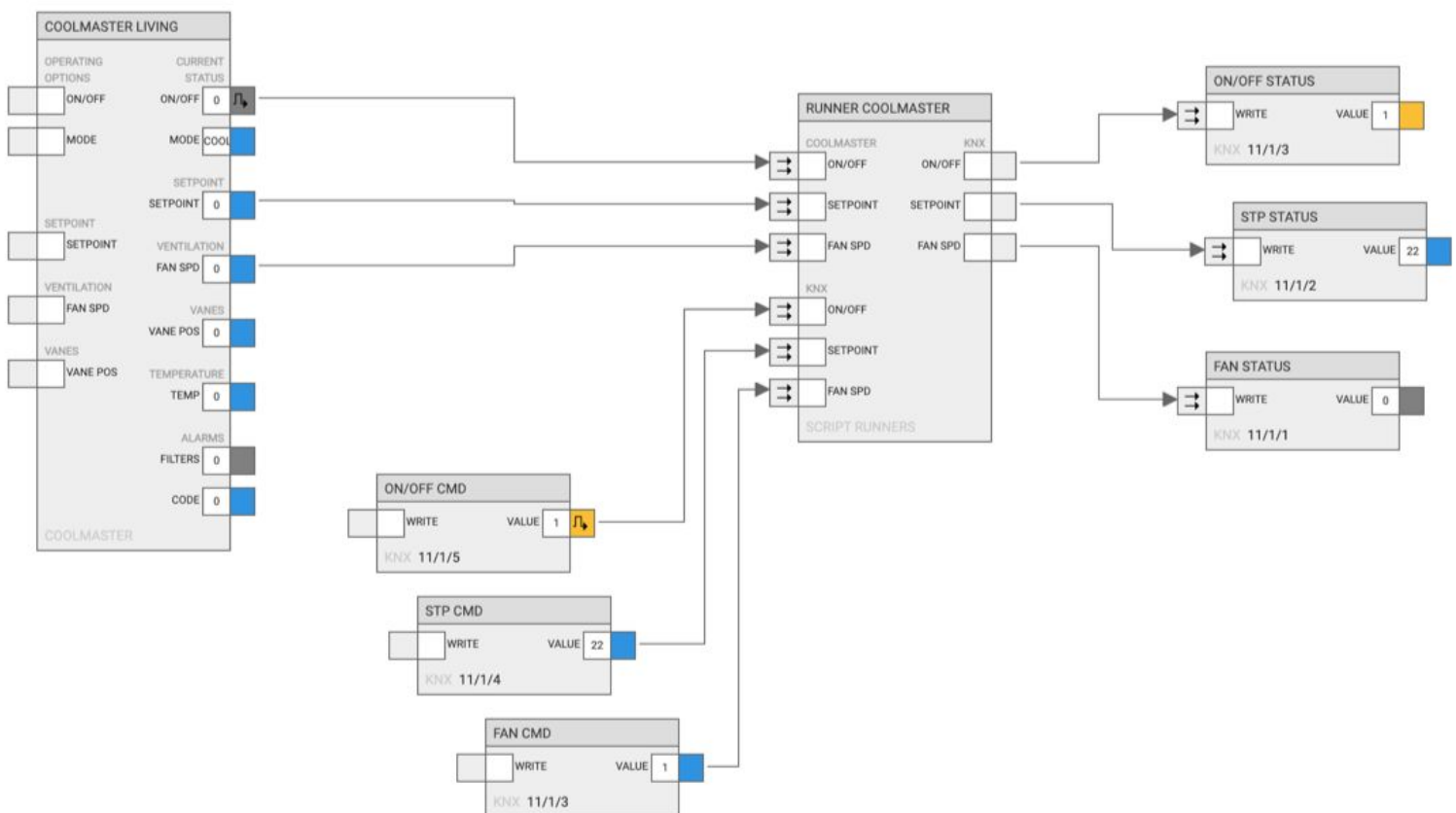
Debug:

TIME	DATE	TIME	MESSAGE
DEBUG	07/24/23	17:20:02	Precompilazione script lua
DEBUG	07/24/23	17:20:02	Precompilazione OK
DEBUG	07/24/23	17:20:02	Esecuzione dello script in safe mode
ERROR	23/07/24	17:20:02	Zero value received
INFO	07/24/23	17:20:06	Id del runner: 1667
DEBUG	07/24/23	17:20:06	Precompilazione script lua
DEBUG	07/24/23	17:20:06	Precompilazione OK
DEBUG	07/24/23	17:20:06	Esecuzione dello script in safe mode
DEBUG	23/07/24	17:20:06	Actual speed is 2
DEBUG	23/07/24	17:20:06	New speed is 3
DEBUG	07/24/23	17:20:06	Esecuzione eseguita correttamente
DEBUG	07/24/23	17:20:06	Chiusura eseguibile
DEBUG	23/07/24	17:20:06	Output value: '3'
DEBUG	23/07/24	17:20:06	Execution terminated after 35 ms
INFO	07/24/23	17:20:09	Id del runner: 1667
DEBUG	07/24/23	17:20:09	Precompilazione script lua
DEBUG	07/24/23	17:20:09	Precompilazione OK
DEBUG	07/24/23	17:20:09	Esecuzione dello script in safe mode

Integrated with the connections logic editor

Once a script has been implemented, it can be executed with one or more “runners” in the project.

The runners can be dropped directly into the logic graphic editor integrated in Delégo Server, and connected with other technologies by simply connecting with arrows the corresponding input/output nodes.



Code protection

It is possible to protect the personal libraries, by loading them in an encrypted form, that can be shared to other users without compromising the know-how or intellectual property.