



INTEGRATION, COMELIT STYLE



 **Comelit**[®]
Passion. Technology. Design.

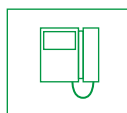




FOUNDED IN 1956, COMELIT GROUP SPA IS A COMPANY SPECIALISING IN THE DESIGN AND MANUFACTURE OF VIDEO ENTRY, VIDEO SURVEILLANCE, ANTI-INTRUSION, HOME AUTOMATION, ACCESS CONTROL AND FIRE DETECTION SYSTEMS.

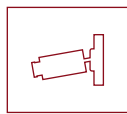
COMELIT IS AN INTERNATIONAL GROUP SPECIALISING IN PROFESSIONAL AND INTEGRATED SECURITY SYSTEMS

Comelit is constantly looking to the future. Innovation through continuous investment in manpower and technology finds an outlet in the design of new solutions dedicated to improving the quality of everyday life by maximising simplicity and functionality.



VIDEO ENTRY

2-wire and digital IP systems, the best technical solution for responding to all application requirements.



VIDEO SURVEILLANCE

A comprehensive range of products for video surveillance. Traditional and HD analogue technology, IP technology.



ANTI-INTRUSION

A complete system approved to EU standards, capable of fulfilling all security requirements with wired systems or via radio.



HOME AUTOMATION

Home automation system offering full control of your own space for optimum comfort, security and energy saving.



ACCESS CONTROL

Basic or Advanced access control system featuring Mifare technology.



FIRE DETECTION

Fire detection system with conventional and addressable technology, aspirating system and voice evacuation system.



DEEP ROOTS, GLOBAL VISION.

Comelit's strong international vocation originates from its close ties with the area in which it was created and in which its headquarters are still located today (Val Seriana, to be precise). Comelit exports to over 70 countries worldwide: this articulated sales structure integrates shared know-how with the awareness of specific requirements in each market.



GLOBAL OFFICES AND BRANCHES

- Italy (General HQ)
- France
- Germany
- Spain
- Ireland
- Belgium
- Netherlands
- Great Britain
- Ireland
- Greece
- United Arab Emirates
- Russia
- Hong Kong
- Singapore
- Vietnam
- Indonesia
- Australia
- Colombia
- United States of America

COMELIT IN NUMBERS

97

COUNTRIES IN WHICH WE HAVE PERFORMED INSTALLATIONS

20,000,000

DOOR ENTRY MONITORS INSTALLED

320,000 m²

THE LARGEST SINGLE DOOR ENTRY MONITOR SYSTEM CREATED (110 BUILDINGS, 11,250 APARTMENTS)



1



2



3



4



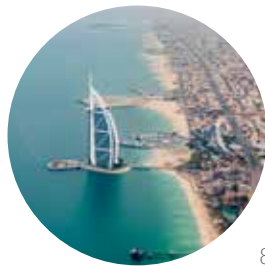
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6



7



8



9



10



11



12

1. Ho Chi Minh City Vietnam,
Hado Centrosa Garden

2. Singapore,
The Clement Canopy

3. USA, NY,
Manhattan, Sty town

4. Monaco,
Tour Odeon

5. UK, London,
Riverlight residences

6. Spain, La Coruna,
Trebol Tower

7. Holland, Rotterdam,
New Orleans Tower

8. UAE, Dubai,
Palm Jumeirah

9. Qatar, Doha,
Sidra Hospital

10. UAE, Abu Dhabi,
Sun and Sky Towers
Al Reem Island

11. UK, Poole,
Moriconium Quay

12. Hong Kong,
Grand Central





“THESE DAYS A SMART SYSTEM MUST BE OPEN TO OFFER INTEGRATION OPTIONS, OR INTEGRATION INTO OTHER SYSTEMS MUST BE POSSIBLE.”

THIS PEARL OF WISDOM HAS GIVEN RISE TO THE

CONNECT PROGRAMME

To be in line with the times, every product developed today **must be able to integrate systems from other manufacturers, or to be integrated itself in other systems.** On this evolutionary path, Comelit has decided to invest in and create the **Connect integration programme**, with the aim of creating a single solution that includes all the products designed to be open to integration with the outside world and therefore to products developed by other manufacturers.





WHAT DOES IT OFFER?



Comelit video entry on apps from other developers

Possibilities for developers of apps for smartphones or tablets to easily integrate Comelit video entry functions into their apps.



Installation of other apps on Comelit internal units

Option of installing a third-party application for smartphones and tablets directly on Comelit internal units.



Video entry system with monitors by other manufacturers

Integration of Comelit IP systems with third-party terminals via SIP protocol. Gateway for sending video entry phone calls on the IP system to SIP devices such as monitors by other manufacturers, physical switchboards or services offered by SIP Providers.



Cloud2Cloud configurable video entry

Option of managing the video entry system on third-party platforms via Cloud2Cloud communication

ADDITIONAL INTEGRATIONS

Combined integrations

Integration for professional systems

Integration with smart speakers (e.g. Google Home, Amazon Alexa)

RTSP video on Comelit external video entry units





*Image provided as a guide only, not an actual physical kit.



01

COMELIT VIDEO ENTRY ON APPS FROM OTHER DEVELOPERS

Comelit Intercom Module offers the option of integrating **Comelit video entry functions** into other apps, for the unified management of services in your building.

Comelit Intercom Module integration was designed to **assist the developers** of third-party apps: this means, for example, that no development is required for management of the audio and video part or the main functions associated with video entry.

If a building has a **dedicated app for users**, the Comelit video entry part can be added to this application so that the user has just one application managing all services. Or if the complex includes a smart access control system provided by another company, the Comelit Intercom Module can be integrated into their app so that a single app is used **for both systems**.



SINGLE APP





ADVANTAGES



INSTALLER

- Install a video entry system you trust and are familiar with.
- The user training phase is easier because all systems are managed by just one app.



ADMINISTRATOR

- Can offer residents an app that integrates all the functions of the building, a professional approach that makes things easier for the user.



USER

- Manage all home services with a single app.





02

INSTALLATION OF OTHER APPS ON THE DOOR ENTRY MONITOR

Maxi with Android is the Comelit door entry monitor with a 7" touchscreen display, based on an Android operating system onto which it is possible to load other apps. This means it is possible to offer the user a **device that is no longer just a door entry monitor**, but a controller for the home that allows you to, for example:



Use the apartment block application to check whether there are **any messages from the administrator** or make **bookings for shared apartment block services**.



Manage intrusion, home automation and access control systems from other manufacturers.



Check the weather forecast.



Control the air conditioning system via the app provided by the manufacturer of the machines installed.



Control the **audio distribution system**.



Control systems or utilise services installed directly on the device such as **block notes**, so that you can ensure important notes for the family are seen.



There will be default applications already tested and approved by Comelit on the device and, depending on the direct requirements of the installation, it will also be possible to request the installation of additional applications*.

*Each request will be evaluated and approved by Comelit Group S.p.A.



The user can download the most relevant default apps from the Comelit App Store, while the installer will be able to install additional system management apps.

ADVANTAGES



INSTALLER

- Offers a door entry monitor on which the user can find all the applications used to manage the home, with an interface identical to the one displayed on smartphones and tablets.
- No special programming is required because you simply need to select which applications to offer the user and these will be displayed on the Maxi with Android homepage.



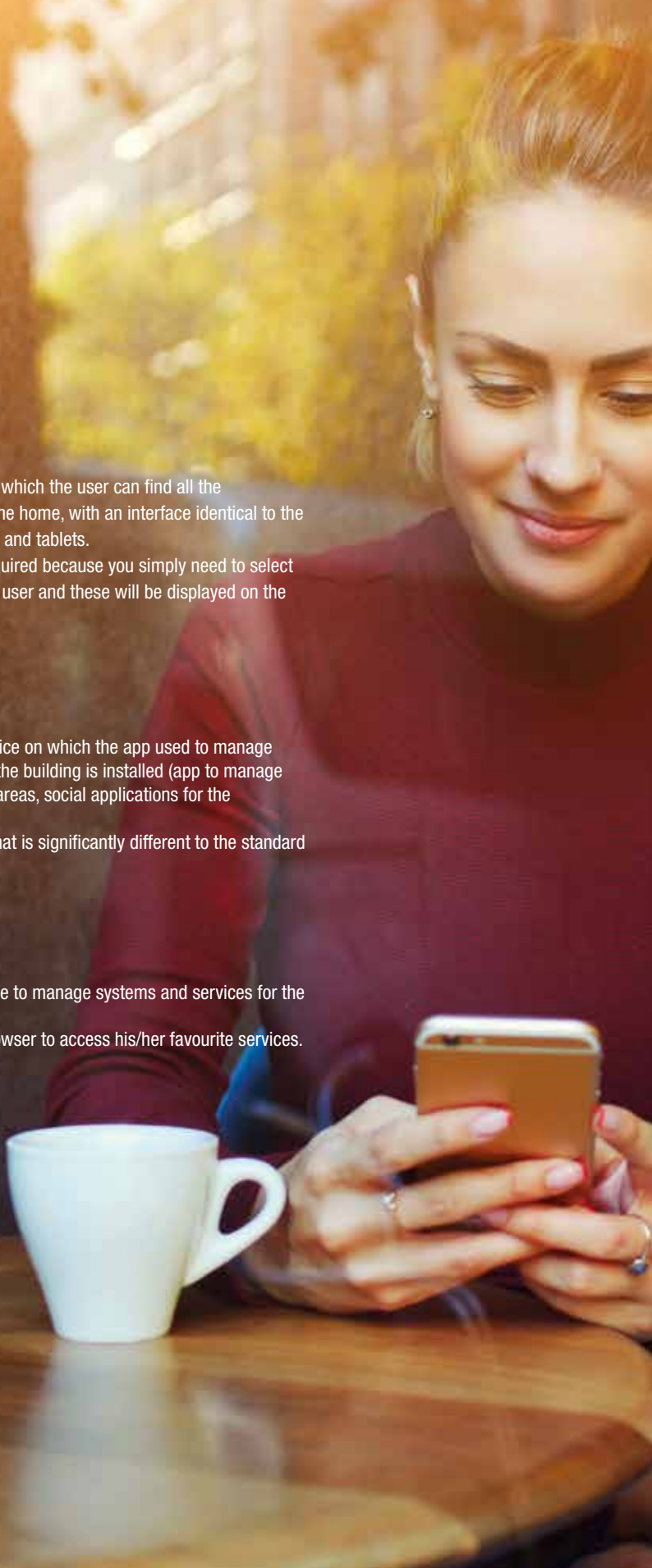
ADMINISTRATOR

- Offers building residents a device on which the app used to manage various services identified for the building is installed (app to manage services, bookings for shared areas, social applications for the building...).
- Offers an integrated solution that is significantly different to the standard offerings.



USER

- Has a single device in the home to manage systems and services for the apartment or building.
- Has the option of using the browser to access his/her favourite services.





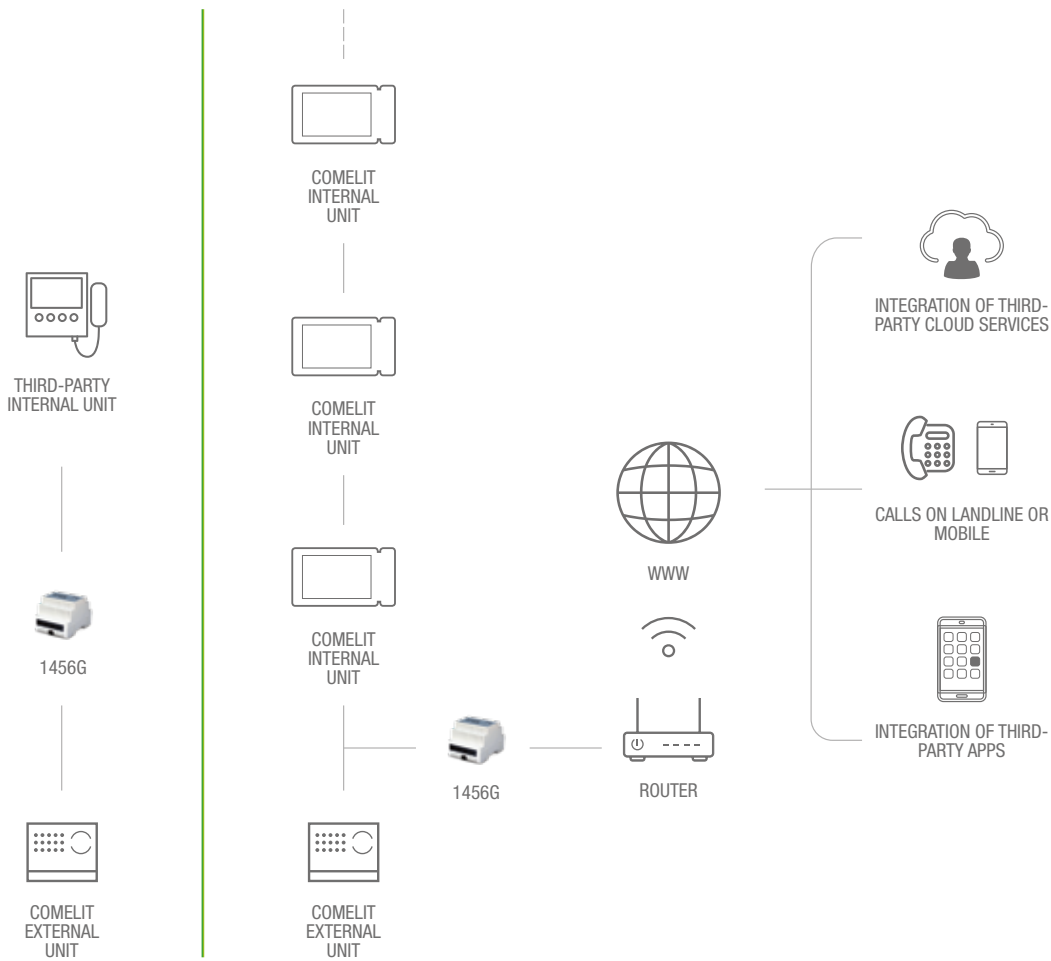


03

INTEGRATION OF VIDEO ENTRY FUNCTIONS WITH THIRD-PARTY DEVICES VIA SIP PROTOCOL



Product code 1456G is an interface that allows the Comelit IP video entry system to communicate with devices from other manufacturers via SIP standard protocol. It is possible to forward normal audio and audio/video calls on the IP system directly to devices using this protocol, such as PBX switchboards and other system managers. When forwarded to physical devices, the third-party devices function as internal door entry units as well as performing the normal services available to the customer. Forwarding to the SIP server, on the other hand, allows management to take place remotely via switchboard. The interface can also be used to view the video captured by the external unit, open the door and the gate or switch on the lights connected to the video entry system by sending DTMF codes. The video entry phone call clip is available via Standard Video SIP or RTSP Streaming.



ADVANTAGES



INSTALLER

- Has the option of installing a Comelit system with Internal Units from other manufacturers.
- Offers the option of receiving calls on external platforms such as Sip or Cloud.



ADMINISTRATOR

- Offers the option of remote switchboard management via the Cloud, to reduce physical control costs.
- Enables residents to receive video entry phone calls wherever they are, and offers them increasingly widespread services such as the "Remote Virtual Speaker Unit".



USER

- Can receive video entry phone calls in multiple ways, depending on the service provided by the building: building app, direct call on a landline or smartphone.









04

CLOUD2CLOUD INTEGRATION FOR THIRD PARTIES

The development of integration at Cloud level allows software platforms from other companies to manage Comelit systems, through direct communication with the Cloud. This enables our systems to open up to any company interested in integrating the management of certain Comelit products into its own platform or system.

The first step in this integration involves the IP video entry system and in particular the Multi user gateway 1456B. Communication with the Cloud makes it possible to edit user programming, for example giving them the option of adding a new user profile, enabling it for use with the Comelit application and automatically adding it to the digital directory in the External Unit.

ADVANTAGES



INSTALLER

- Develop an integrated solution that offers simplified system management, a mark of professionalism.



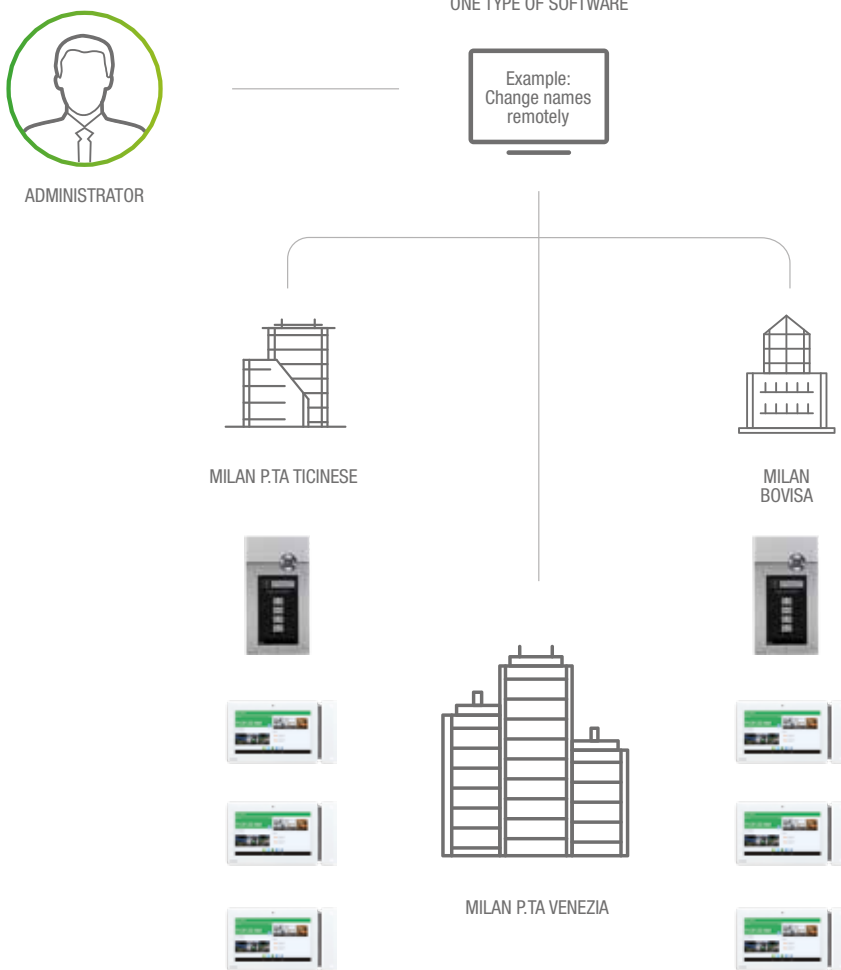
ADMINISTRATOR

- Can be used to manage several systems, even if they are far away from each other, using the same software.
- Offers a professional solution that is easy for the operator to use.



MANAGEMENT

Integration is possible thanks to the use of REST APIs that make it possible to easily integrate management and configuration of the Multi User Gateway into third-party services or programs, for quick system commissioning and for its everyday use. The security of communications via REST APIs is guaranteed through the use of the most up-to-date security protocols.



- Remote video entry management
- Remote Access Control management
- Remote username management
- Remote app account management





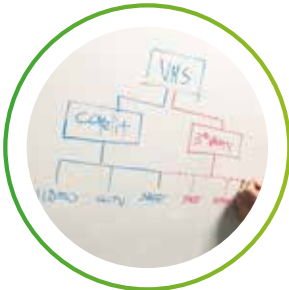


ADDITIONAL INTEGRATIONS



COMBINATION OF INTEGRATIONS

The four types of integration mentioned so far are also possible within a single project: you can have a Comelit monitor in your home with third-party Apps installed and manage video entry functions within your own Community App, as well as adding Comelit video system management for the building administrator in the building systems management software.



VMS INTERFACE FOR UNIFIED SYSTEMS MANAGEMENT

The integration mentioned above relates "only" to the video door entry product family, although there is also an integration covering all Comelit product families: CCTV, safe, fire and evac systems (including those of different brands) via a VMS (Video Management System) software application. The customer can manage all the various systems via the VMS interface. The manager will have a single navigable map, which will pinpoint any alarm or problem events, identifying the zone and alerting the system operator by means of a pop-up.



SMART SPEAKER INTEGRATION

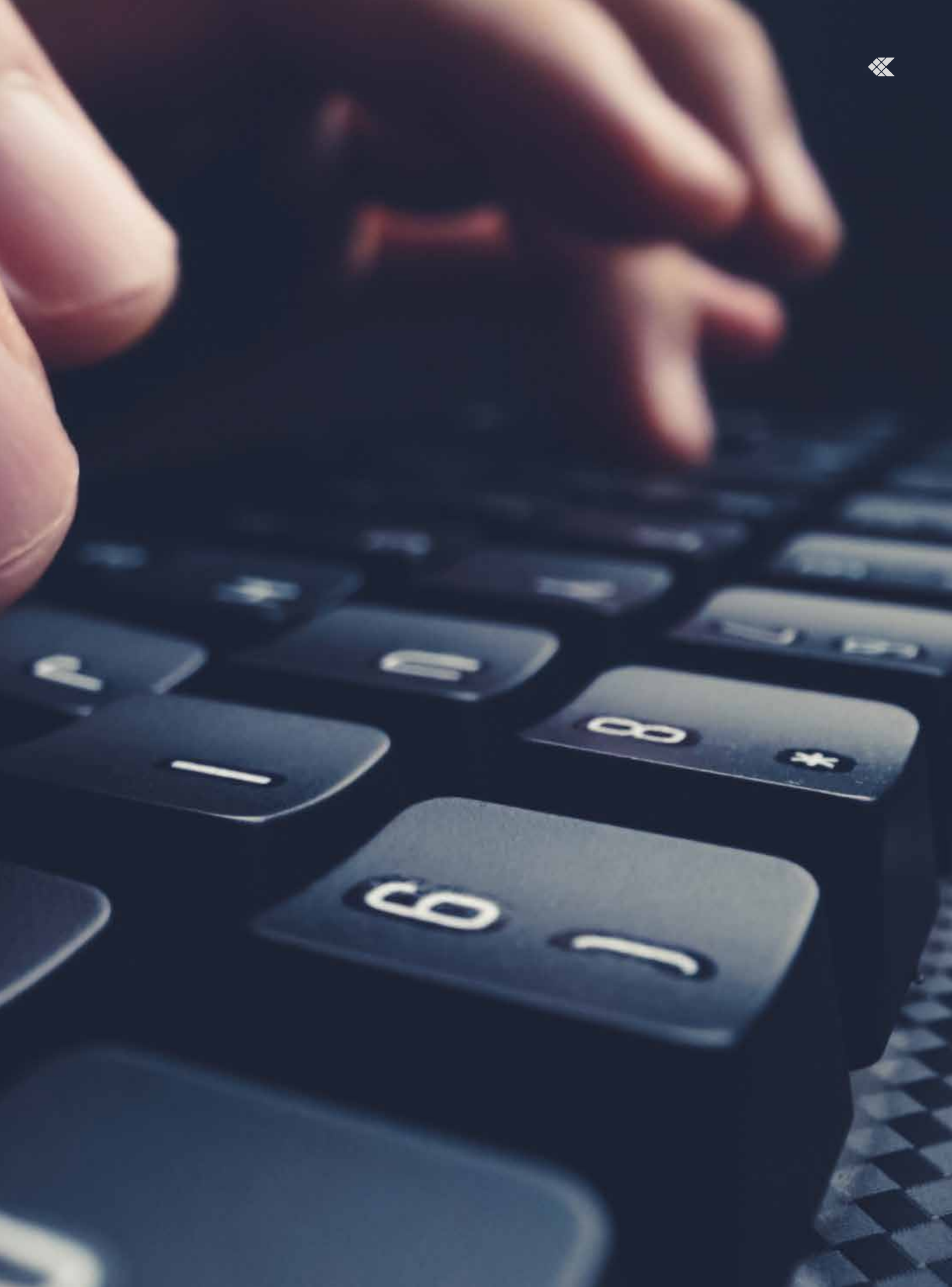


Given the widespread deployment of voice-activated devices such as Amazon Alexa, Google Home, etc., Comelit products will integrate with such devices. The customer will be able to interact with our products in a touch-free way: just a simple voice command, such as "Alexa, switch on the alarm and the lights" will be enough to activate our devices. All through Cloud2Cloud integration.



RTSP VIDEO ON EXTERNAL VIDEO ENTRY UNITS

It is possible, from the external video entry units for the IP system, to receive the video stream in standard RTSP protocol, as used by all the video recording and monitoring systems. With this function, for example, it is possible to record the video captured by the external video entry unit camera to NVR 24/7.







PARTNERS



Visit our website to see the full and always up-to-date list of partners!



BECOME OUR PARTNER

As we are aware of the growing need to include not just our own systems, but also third-party systems in our range, we are constantly on the lookout for reliable and proactive partners with whom to form close relationships and partnerships, in order to offer our customers an increasingly widespread and all-encompassing service.

If you would like further information, please email us at connect@comelit.it

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www.comelitgroup.com

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Passion. Technology. Design.

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