Telecommunications, security and multimedia solutions for hospitals, clinics and health centres

ALCAD
f∧cilit y

Solutions for
NURSING HOMES

ALCAD Facility

SOLUTIONS FOR NON-RESIDENTIAL BUILDINGS

With 30 years of experience, we continue our **'Made in Europe'** production, with **AENOR certification** and under the **ISO9001 standard**.

ALCAD Facility is the business unit aimed at the design and manufacture of **telecommunications, security and multimedia solutions for non-residential buildings: hospitals, hotels, nursing homes, shopping centres, public buildings, etc.**
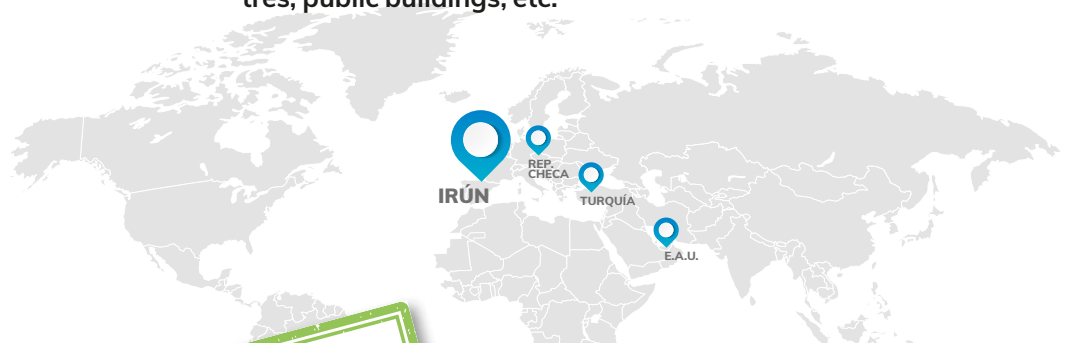
We are an **international company with headquarters and factory in Irún (Spain)**, as well as own subsidiaries in **Czech Republic, Turkey** and the **United Arab Emirates**, which **exports to more than 60 countries** worldwide.

REP. CHECA

IRÚN

TURQUÍA

E.A.U.

MADE IN SPAIN

We **can draw on:**

- 30 years of experience

- A team of the first rank

- Design and production processes that are fully European

- Our diversification

- Personalised customer service

- Our own laboratory: quality assurance and reliability

- A wide sales network

ROBUST AND RELIABLE SOLUTIONS, WITHOUT TRIAL-AND-ERROR

From our factory in Irun and through our extensive sales network, we provide reliable, agile, robust and innovative solutions to the international market in a demanding and constantly evolving sector.
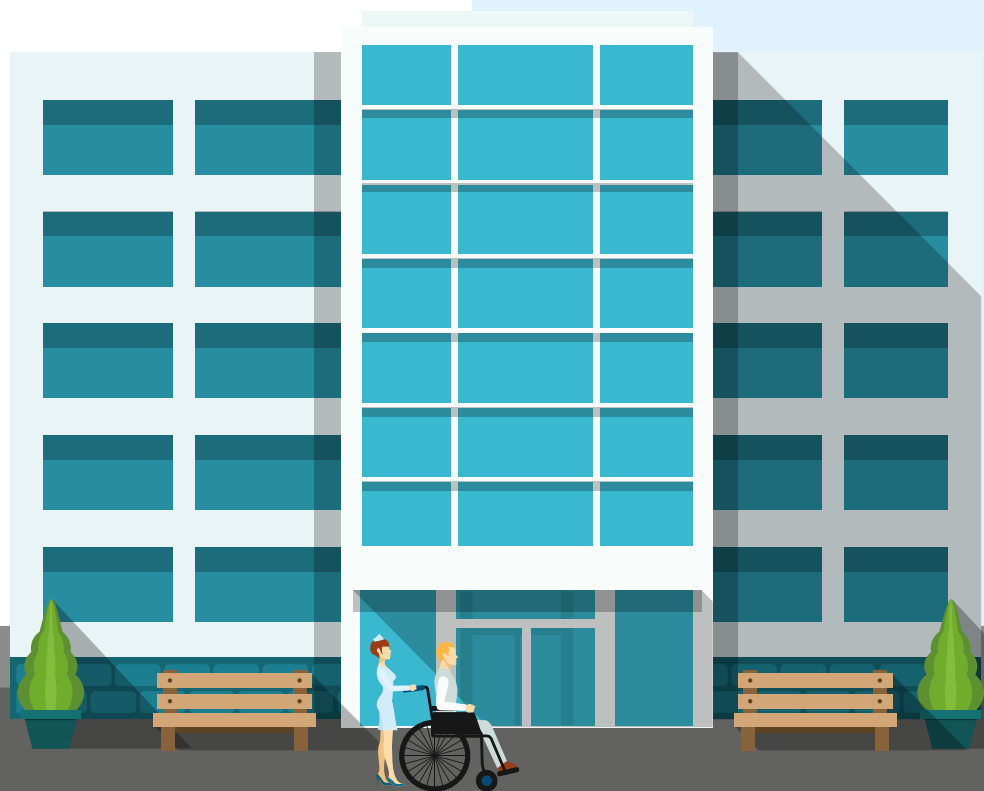
We contribute to the improvement of user well-being, capturing vitally important signals through ACCURO and LIVERO, our **100% IP-based professional telecommunications and security platforms**, as well as through ATTENDO, our low-cost warning solution, and our IPTV multimedia system.

All our systems contain functions that make them the **ideal solution for hospitals, clinics, health centres**, etc. These are robust and reliable platforms, without experiments, expensive maintenance or eternal installations.

Our **solutions:**

- **ACCURO** represents a **100% IP-based** telecommunications and security platform **for health centres** that can be integrated into third party systems: HIS/RIS, alarms, SIP terminals, etc.

- **LIVERO** is a **100% IP-based** telecommunications and security platform **for non-residential buildings** that can be integrated into third-party systems: PSIM, alarms, SIP terminals, etc.

- **ATTENDO** is a low-cost warning solution that complies with standards regarding security against the risk of being trapped in enclosures.

- **IPTV** is a **complete solution for TV over IP networks**, 100% ALCAD from start to finish, with powerful, agile software that's easy to use, intuitive, fast and very reliable.

No costly maintenance or endless installation processes

We provide a 100% IP-based rooter to capture important signals

Want to know more? You can use this QR code to access our **ALCAD Facility digital catalogue.**

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The heart of
the system

Nurse call
system

ACCURO
access

Access control
with traceability

ACCURO
by ALCAD

ACCURO
refugium

Intercommunication
in areas of refuge

ACCURO

100% IP TELECOMMUNICATIONS AND SECURITY PLATFORM FOR NURSING HOMES

ACCURO houses functionalities ranging from nurse call system to access control and emergency calls from areas of refuge, as well as receipt of alarms raised from adapted restrooms and/or changing rooms. In addition, it is ready for integration into third-party systems: HIS/RIS, alarms, SIP terminals, etc.

Optimises
timings

Records
actions

Calms
the patient

Reduces
costs

ACCURO is ALCAD's telecommunications and security platform that goes beyond a simple call to the nurse from the room. It is a **powerful, 100% IP-based brain that handles warning and alert management**.

All are benefits

ACCURO allows you to **enhance the experience of the user** and facilitate the work of social and healthcare professionals. It is **adaptable to all types of nursing homes, day centres, etc.** with daily needs that require constant development and adaptation, an effort aimed at improving the user experience and the quality of the work of the healthcare professional. It is thus possible to create a less chaotic and more orderly environment.

100% **IP**

Wandering user control

Prevention of user escapes

Bathrooms and common areas

Easily identifiable alert calls

Modular **architecture**

**VERSATILE. EXPANDABLE. INTEGRABLE.**
Being based on IP technology, it allows greater reliability and versatility since it can interact with other IP systems through any data network, whether new or pre-existing on the premises.

100% IP ADAPTABLE. SIMPLE. Its architecture is modular, so **modules can easily be added to the platform** in those installations that require it.

Centralised **management**

A POWERFUL TOOL. The nurse call system is the **heart of ACCURO**, with which it is also possible to maintain access control, manage emergency calls from areas of refuge or receive alarms raised from bathrooms and/or adapted changing rooms.

WEB-BASED, NO INSTALLABLES. ACCUROviewer and ACCUROmanager are management and control packages based on Web technology with no installation required, **thereby avoiding incompatibilities and ensuring the future of the system**.

SAFE. System **based on local server with remote access possibilities**. There is the option to set the servers and system to **high availability** (redundant servers).

COMPATIBLE. With SIP terminals.

INTEGRABLE. With **Ethernet, PoE** and **GPON** networks.

TRACEABLE. ACCUROviewer is responsible for the **monitoring and management of users** by healthcare personnel. Among other features, thanks to its traceability it is possible to obtain reports / statistics on user monitoring and flow and workload management (identifying the health staff if RFID readers are included).

INTELLIGENT. ACCUROmanager is a tool for **maintenance and management of the system** by the technical team, allowing, for example, its connection with hospital management systems through XML files, analysis of all elements of the system, customisable notification of errors, and so on.
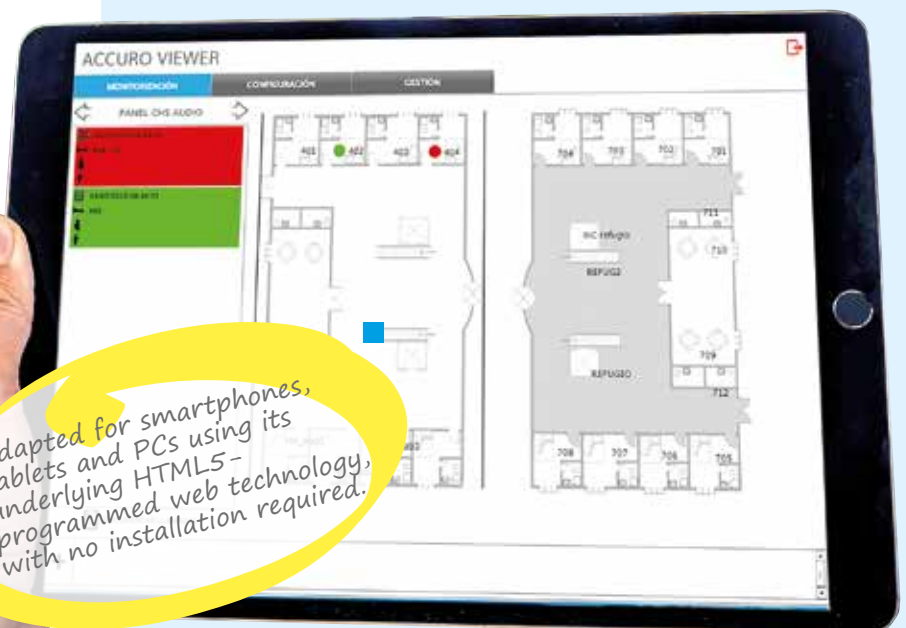
Adapted for smartphones, tablets and PCs using its underlying HTML5– programmed web technology, with no installation required.

Example of display of calls and alarms in blueprint format via ACCUROviewer, with indication of alarm levels and user presence in the room.

Main advantages:

- **Non-audio and audio-equipped** systems are inter-compatible and can be mixed (e.g. rooms with audio, and boxes and communal bathrooms without audio).

- Differentiated **priority** levels for alarms.

- Real-time **monitoring and management** of alarms and events (via the ACCUROviewer).

- Automatic and sequential **call scaling**.

- **Types of call:** calls to nursing teams, code-blue calls (calls to medical teams), as well as indication of presence of health staff and presence of auxiliaries.

Platforms WITHOUT audio and WITH audio are inter-compatible and can be mixed
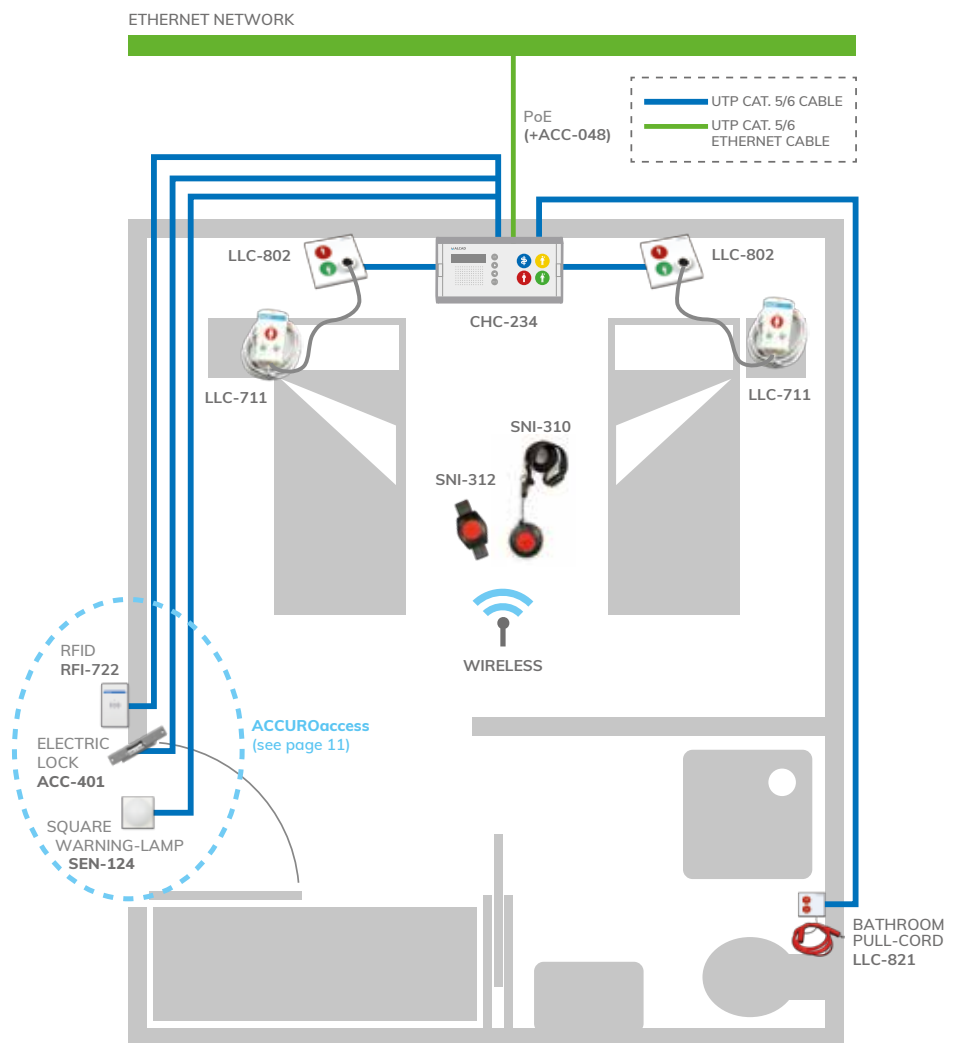
Nurse, Presence, Blue code (medical team) calls

Distinction of priorities between alarms

AN "IP BRAIN" REACHING EVERY ROOM

ACCURO is installed over IP networks with no intermediate elements needed. It is ready to be integrated with any third-party IP and future systems that make use of ACCURO.

t's configuration **guarantees the transmission of warnings to the healthcare team**, whether they come from a patient's request (by pressing a button) or from other types of sensors: windows, doors, thermostats, presence, intrusion, etc., as well as from sensors adapted for people with reduced mobility.

ETHERNET NETWORK

PoE (+ACC-048)

UTP CAT. 5/6 CABLE
UTP CAT. 5/6 ETHERNET CABLE

LLC-802

CHC-234

LLC-802

LLC-711

LLC-711

SNI-310

SNI-312

WIRELESS

RFID **RFI-722**

ELECTRIC LOCK **ACC-401**

ACCUROaccess
(see page 11)

SQUARE WARNING-LAMP **SEN-124**

BATHROOM PULL-CORD **LLC-821**

EXAMPLE OF A STANDARD ROOM WITH AUDIO

Elements and **architecture:**

FLOOR N

ROOM N
CHC-231 / CHC-234

ROOM 2
CHC-231 / CHC-234

ROOM 1
CHC-231 / CHC-234

CONTROL STATION
PC
ACCUROviewer
IP TELEPHONE

WIRING CENTRE
FLOOR N SWITCH
n

ETHERNET NETWORK

FLOOR 2

DECT ANTENNA
CHC-231 / CHC-234
DECT ANTENNA
CHC-129
DECT / IP TELEPHONE
TABLET
ACCUROviewer
DECT ANTENNA

WIRING CENTRE
FLOOR 2 SWITCH
n

ETHERNET NETWORK

FLOOR 1
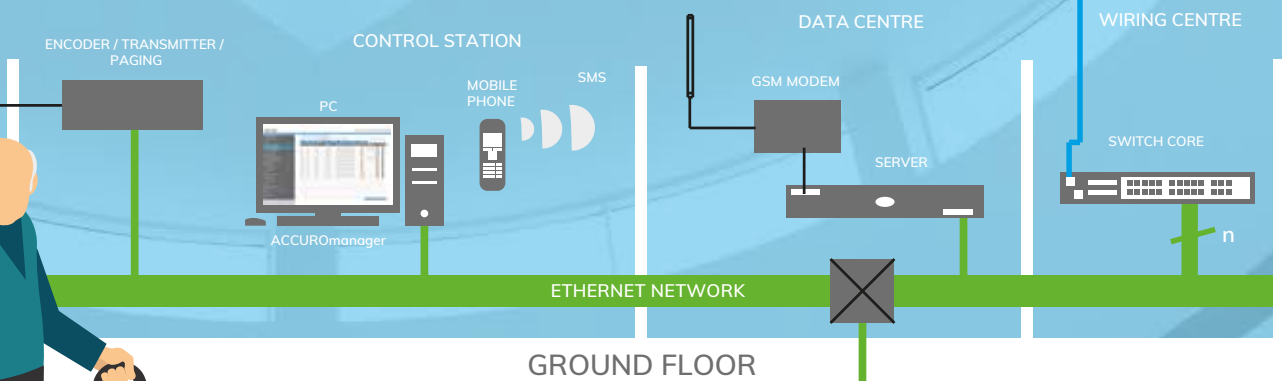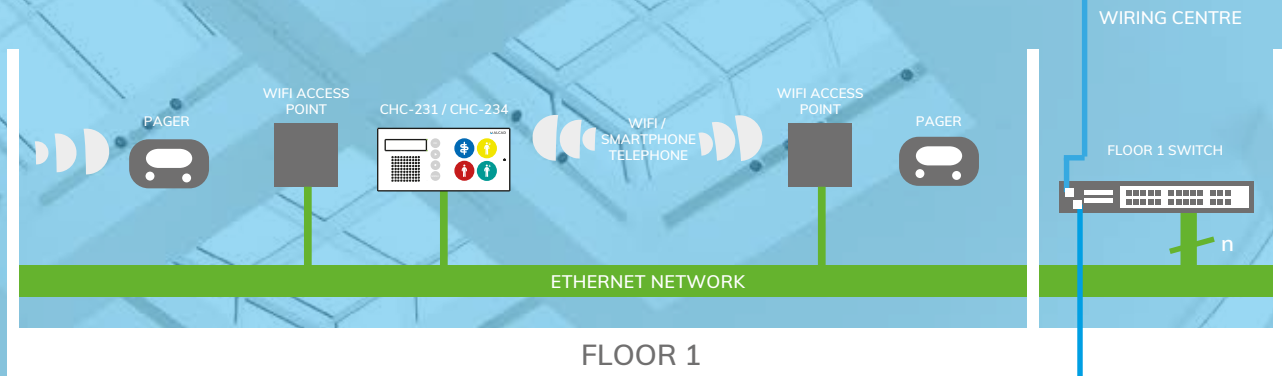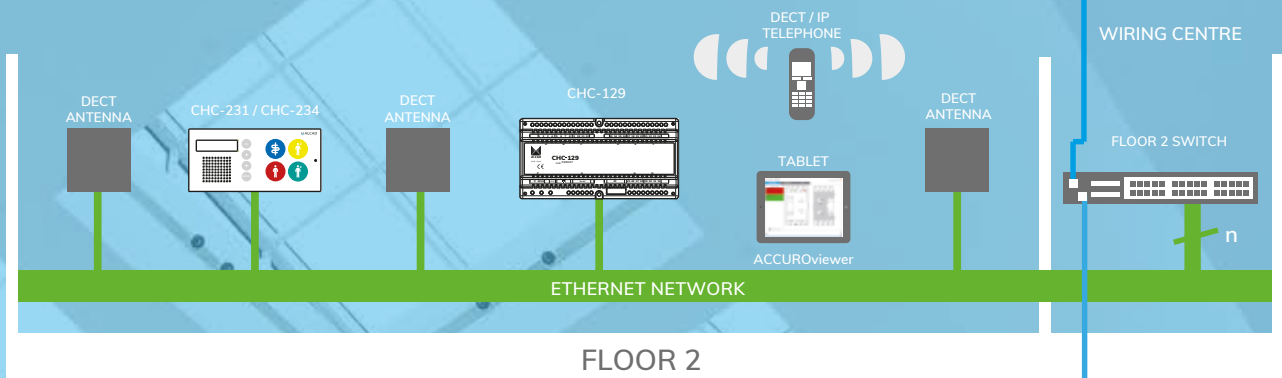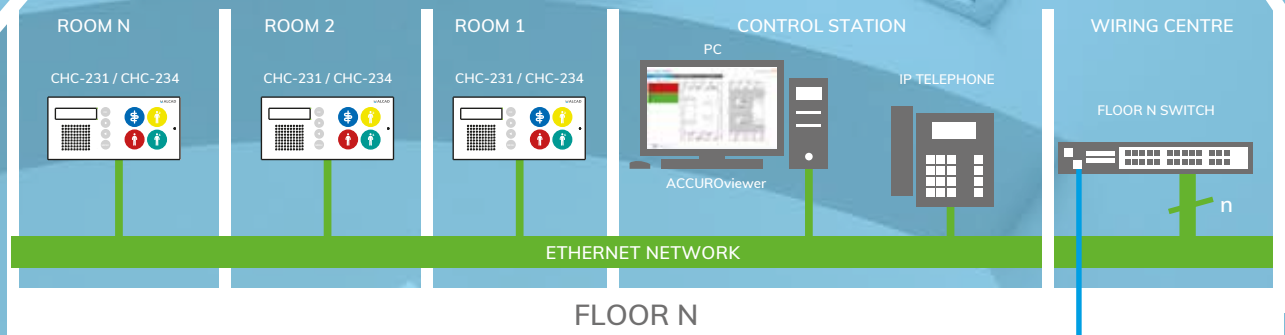
OMNIDIRECTIONAL ANTENNA

PAGER
WIFI ACCESS POINT
CHC-231 / CHC-234
WIFI / SMARTPHONE TELEPHONE
WIFI ACCESS POINT
PAGER

WIRING CENTRE
FLOOR 1 SWITCH
n

ETHERNET NETWORK

GROUND FLOOR

ENCODER / TRANSMITTER / PAGING

CONTROL STATION
PC
ACCUROmanager
MOBILE PHONE
SMS

DATA CENTRE
GSM MODEM
SERVER

WIRING CENTRE
SWITCH CORE
n

ETHERNET NETWORK

INTERNET

RESIDENCE NETWORK

THE WIDEST CATALOGUE

ALCAD manufactures the entire range of room terminals and peripherals from its Healthcare catalogue in Spain. This allows you to benefit **from the most extensive and complete range of room elements on the market**. (*)

Elements
of a room:

■ ROOM TERMINALS.
They are notable for their high-quality, flat capacitive keypads which facilitate their cleaning. They control multiple types of room peripherals and handle different types of calls. Other features:

- Wireless connection via cable or via WiFi (CIC models).
- **Room terminals with audio:** full duplex two-way hands-free voice communication.
- **Room terminals without audio** (CHC-129).
- Room terminals with antimicrobial treatment (CHC-234)
- Direct peripheral connection via terminals.
- Connection with intelligent peripherals via RS-485 bus.
- Optional PoE in CHC-23x.

■ PERIPHERALS.
This refers to all those components that are connected to the room terminal to assess or act on signals captured in the room: **wall buttons, nurse call handsets, bathroom handles, luminous or signalling Mifare RFID readers, sensors,** wireless **buttons** and **receivers** and **wired sensors**. One of its great advantages is the possibility of combining them in the same room.

Passive peripherals are notable for their simplicity and for the wide range that ALCAD offers to the market: square, rectangular, anti-vandal, sensors and wireless push-buttons.

Bus peripherals are notable for their easy installation and intelligence, saving up to 50% in labour time.

(*) See terms

RFID reader
RFI-722
- Mifare RFID reader.
- Peripheral bus with RJ45 connector.

Sensors (wired)
SNS-030 / SNS-211
- Robust and reliable.
- They identify events that take place inside the room.
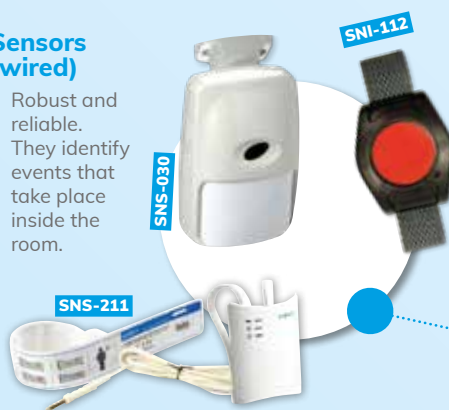
Sensors (wireless)
SNI-112
- Tough, ergonomic and resistant to water.
- Programmable radio channel.
- Indicator displaying low battery.

Call pedal
LLC-046
- Initiates a call by tilting or pressing the pedal.

Nurse call handset and light control
LLC-711
- Controls up to 2 room lights.
- Braille included.
- **Antimicrobial treatment** (optional).

Nurse call handset (antimicrobial)
- With **antimicrobial treatment.**
- Consult with us regarding your requirements.

CHC-129

Bathroom pull-cords (square)
LLC-821
- Robust.
- Anti-strangulation mechanism. Up to 8kg of pressure.
- IP65.
- Passive+bus (RJ45).
- **Antimicrobial treatment** (standard).
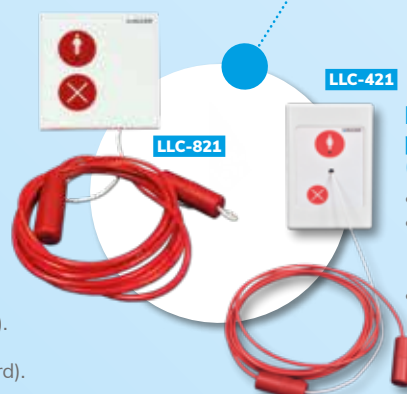
Bathroom pull-cords (rectangular)
LLC-421
- Robust.
- Anti-strangulation. mechanism Up to 8kg pressure.
- Passive.

CHC-043

100%
customisable

The image shows an example of room terminal personalisation prepared for Doctor Mañero's Aesthetic Surgery Clinics.

Cutting-edge **technology**:

ALCAD's **new generation of square peripherals** is designed to guarantee the highest standards of **quality and resistance in sensitive environments**, both in bedrooms and in bathrooms/dressing rooms.

■ **ANTIMICROBIAL COATING AS STANDARD.**
For models LLC-8xx and LLC-9xx. Its tactile, flat keypad allows easy cleaning and its antimicrobial coating **prevents transmission of bacteria and microbes**.

■ **CLASSIFICATION IP65.**
On bathroom handles (models LLC-8xx).
This implies its **total protection against dust**, and its ability to also **withstand jets of low-power water**.

LLC-821

Square warning-lamps
- Passive+bus (RJ45).
- Multi-colour / mono-colour.
- Acoustic signal.

SEN-724

SEN-424

Rectangular warning-lamps (passive)
- Multi-colour.

CHC-231

Telephones (wireless) DECT
- Attractive, ergonomic design and easy to use.
- Allows the identification of the calling number, type and origin of the call.

TFI-361

TFD-421

TFI-4xx

LLC-642

Vandal-proof push-buttons
- AISI-316L stainless steel.
- Thickness of 2.5mm

LLC-803

LLC-809

LLC-409

Square and rectangular push-buttons
- Tactile.
- **Antimicrobial treatment** (standard in the square range).
- Installable on a surface, or flush to a wall.
- Passive+bus (RJ45), in the square range.
- Passive in the rectangular range.

Telephony:

■ **FIXED AND MOBILE.**
At each **control point**, calls and alerts may be received from rooms, areas of refuge or adapted restrooms/dressing rooms. The elements that make up these control points can be fixed or mobile: IP phones, DECT phones or smartphones.

■ **COMPATIBLE SYSTEM.**
The system is compatible with other **SIP** and **PBX** terminals, and may be integrated with the same.

Software

MANAGE IN A SIMPLE AND COMPLETE MANNER THE ENTIRE SYSTEM

ACCUROviewer and ACCUROmanager are management and control packages based on Web technology (using a browser) with no installation required, thereby avoiding incompatibilities and ensuring the future of the system.

Completely developed by ALCAD, ACCUROviewer and ACCUROmanager are **the key to the flexibility and robustness of the system**, notable for being fully configurable. ACCUROviewer is responsible for the **monitoring and management of users** by the healthcare staff, while ACCUROmanager is a **system maintenance and management tool** of the system by the technical team.

The maintenance and configuration of the system can be monitored through the local network or even, if necessary, remotely via the Internet, allowing the same location to **control several centres**.

ACCUROmanager

Main **functions:**

■ **ACCUROviewer.** Among other features, its **traceability** makes it possible to obtain reports / statistics on user supervision and workflow / workload management (in a personalised manner if RFID readers are included).

It also offers the option to display calls and alarms in **'map' format**, indicating alarm levels and the presence of the user in the room, or automatic and configurable call scaling depending on the areas and shift changes defined.

■ **ACCUROmanager. Integrable with the** centre's HIS/ HIS, it allows, for example, for connection with nursing home management systems by means of XML files **(integration with RESIPLUS)**, analysis of all system elements, customisable error notification, configuration and customisation of the system to suit the characteristics of the centre, etc. In addition, it is possible to know the status of all elements of the system or make backups and conduct software updates.

Optionally and to increase security, it is possible to configure the servers and system to **high availability (redundant servers).**

Adapted for smartphones, tablets and PCs using its underlying HTML5-programmed web technology, with no installation required.

ACCUROviewer

ACCUROaccess

IP ACCESS CONTROL SYSTEM

It has all the advantages of an IP access control centre with traceability, offering the option to register and generate reports, various queries, etc.

Thanks to the ACCUROaccess access control module, **for each connected intercommunication point** (CHC-23X / CHC-04X / CIC-231) **you will be able to integrate an IP access control system** within your installation. Its RFID card compatibility allows healthcare workers to access every room, opening the door and confirming their presence.

In the case of nursing homes that consider it appropriate, **the residents themselves can have the option to open the door of their room with an RFID bracelet**, in the same way that is done in hotels or in those nursing homes that are considered sheltered accommodation.

General outline:

IP NETWORK

CHC-231 / CHC-234

I/O

ACC-501

BUS

ACC-401

CHC-043
CHI-043
CIC-231

SGR-120

RFI-722
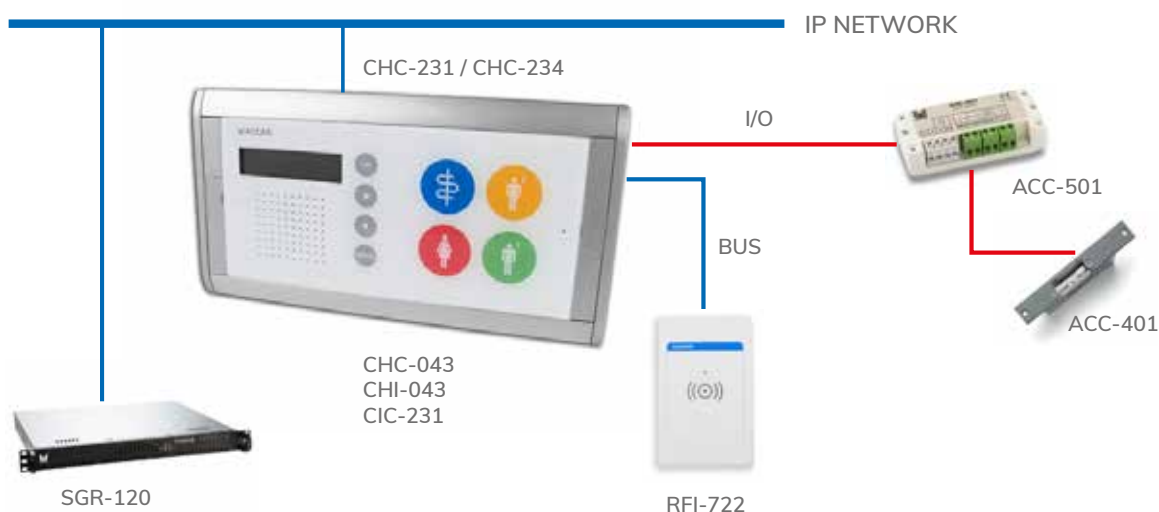
ACCUROrefugium

THE INTERCOMMUNICATION ROOM TERMINAL SYSTEM FOR AREAS OF REFUGE, EMERGENCY CALL POINTS AND ALERTS FOR TOILETS AND ADAPTED CHANGING ROOMS

ACCUROrefugium is the first complete solution on the market that complies with international regulations concerning fire evacuation procedures in non-residential buildings, as regards intercom systems with a local room terminal.

Ultra-slim and robust design

Centralised alarms and warnings

Compatible with ACCURO viewer

Communication with other room terminals

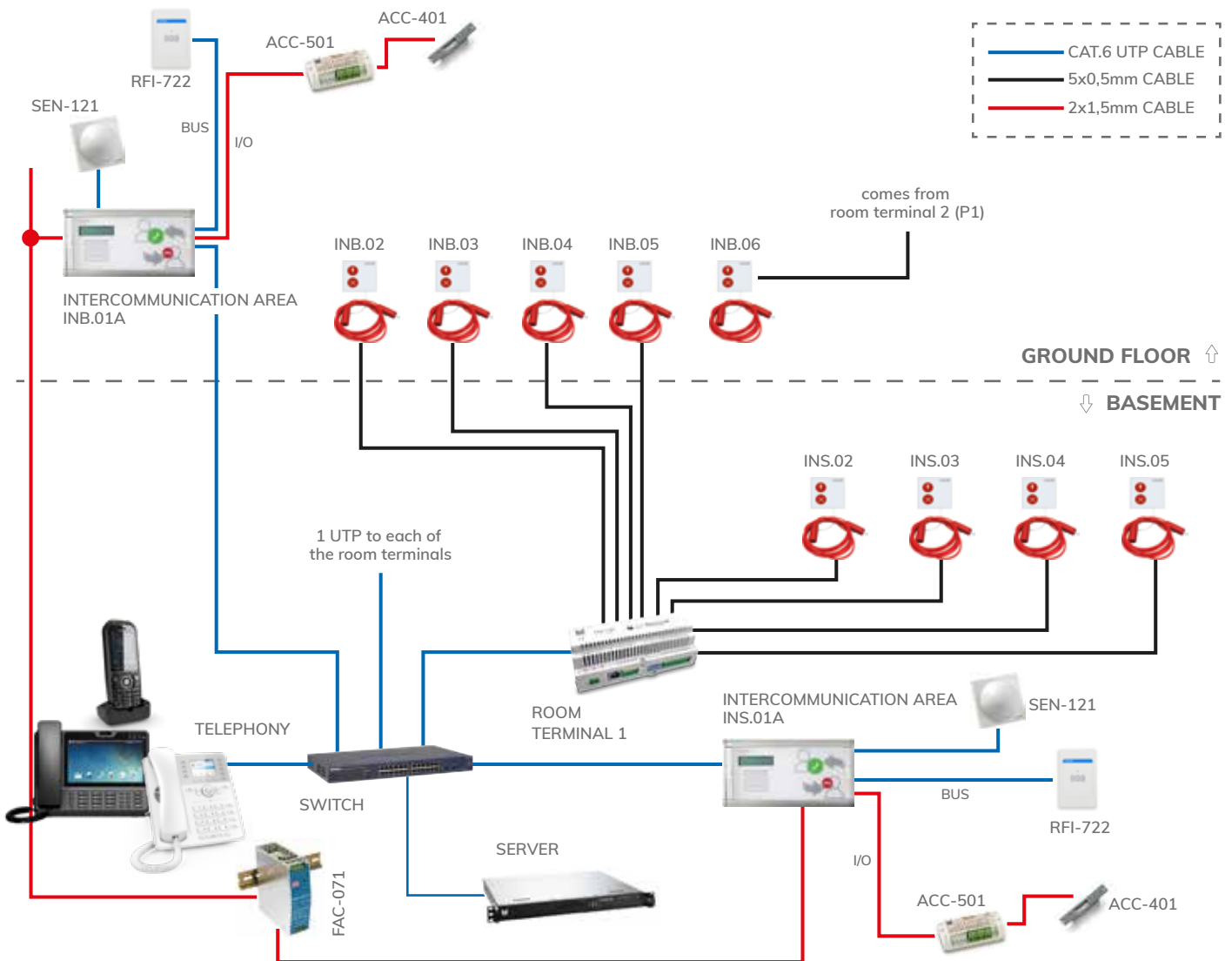### CIC-231, ACCURO's tactile intercommunication centre

100% IP-based, this is the main element of ACCUROrefugium. **It allows the connection of a luminous component that warns of a call** in progress, which may be placed in an area where it is visible to the security personnel, as well as the option to install a button that cancels the call.

Uses:

- It is designed to be installed in areas of refuge that will allow people with reduced mobility **to communicate via hands-free audio** using a control station (in the event of an emergency where there is a fire and the need to use ladders), to assist in their evacuation.
- It can also integrate the **bathroom / changing room pull-cords, push buttons or sensors** that can be installed in public bathrooms, changing rooms and common areas of non-residential buildings, without additional development or configuration.

General **outline:**

ACC-401
ACC-501
RFI-722
SEN-121

BUS
I/O

```
CAT.6 UTP CABLE
5x0,5mm CABLE
2x1,5mm CABLE
```

comes from
room terminal 2 (P1)

INB.02   INB.03   INB.04   INB.05   INB.06

INTERCOMMUNICATION AREA
INB.01A

GROUND FLOOR ⇧

⇩ **BASEMENT**

INS.02   INS.03   INS.04   INS.05

1 UTP to each of
the room terminals

INTERCOMMUNICATION AREA
INS.01A

SEN-121

ROOM
TERMINAL 1

BUS

RFI-722

TELEPHONY

I/O

SWITCH

SERVER

ACC-501   ACC-401

FAC-071

Example of a standard installation with intercom points,
public restrooms / changing rooms and door openers on two floors of the same building.

he ACCUROrefugium system is an extension of the 100% IP ACCURO communication system, which **includes an intercom point in each CIC-231 area of refuge** (100% IP) and **a software package** (installed on a server / PC) compatible with the ACCUROviewer software.

The system also allows the installation of bathroom warning handles as well as light-up features for **communal areas or bathrooms**. All of this is centralised and managed from one or more control points, which may be assigned by area as needed.

If required, the system allows the addition of **DECT-type wireless phones or IP phones or even smartphones**, to increase the mobility of security personnel. From these terminals, the source of the call can be identified and it will be possible to conduct two-way communication in real time with persons requesting help.
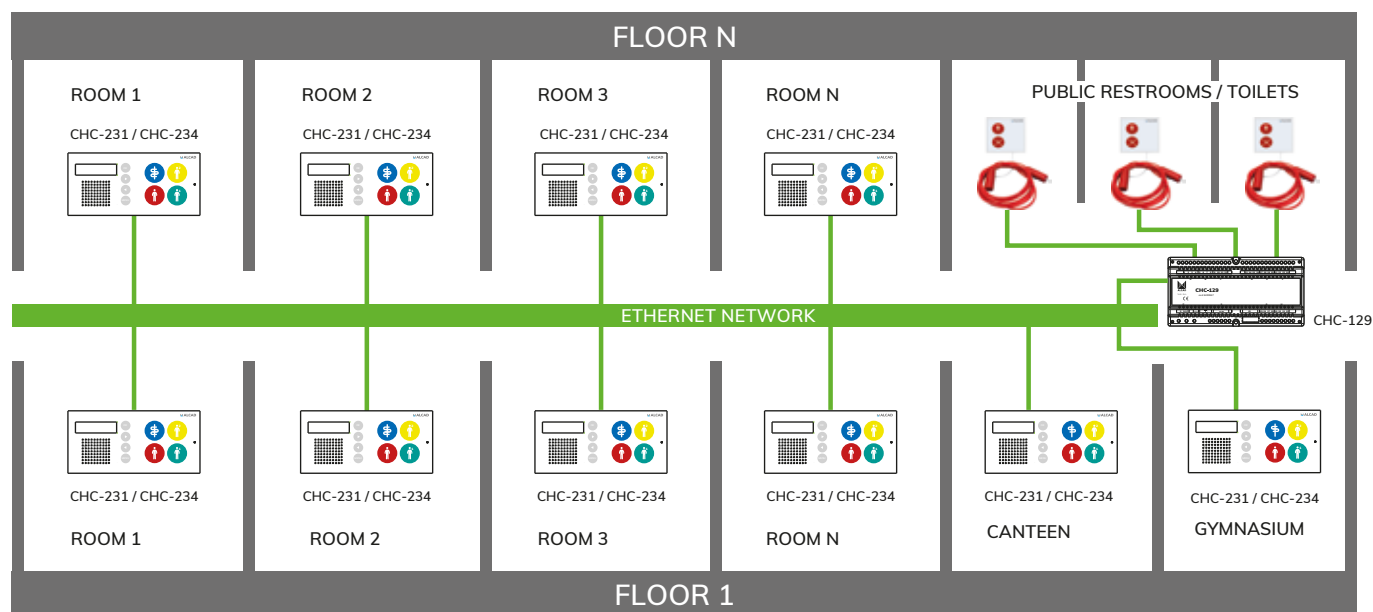
Bathrooms and common areas

COMPLETE COMMUNICATION THROUGHOUT THE CENTRE

The ACCURO nurse call system is not limited only to the rooms. The possibility of integrating both bathroom pull-cords and non-audio push-buttons, as well as audio-equipped room terminals, allows you to easily add other common rooms (public toilets, dining rooms, gyms, living rooms, corridors...).

© freepik.com

General **outline:**

FLOOR N				
ROOM 1	ROOM 2	ROOM 3	ROOM N	PUBLIC RESTROOMS / TOILETS
CHC-231 / CHC-234	CHC-231 / CHC-234	CHC-231 / CHC-234	CHC-231 / CHC-234	

CHC-129

ETHERNET NETWORK

CHC-231 / CHC-234	CHC-231 / CHC-234	CHC-231 / CHC-234	CHC-231 / CHC-234	CHC-231 / CHC-234	CHC-231 / CHC-234
ROOM 1	ROOM 2	ROOM 3	ROOM N	CANTEEN	GYMNASIUM

FLOOR 1

ATTENDO

A SIMPLE KIT; A GREAT SOLUTION

The low-cost, standalone solution for generating and receiving alerts for adapted bathrooms, changing rooms and common areas comes ready to install and use. It can be extended to cover 5 accessible bathrooms / changing rooms.

ATTENDO is ALCAD's solution that complies with standards regarding **security against the risk of being trapped in enclosures**. It is ideal for small installations: bars, restaurants... ready to install and use.

In order to be able to meet these requirements, ALCAD has designed a stand-alone, easy to set up solution that **serves up to 5 bathrooms, with individual identification via the alarm receiver**.

Elements of the kit:

Our KRAB-001 kit is configured to serve **1 bathroom / adapted wardrobe**. Each kit is composed of:

- 1 RAB-010 **autonomous control station**.

- 1 **LLC-824 bathroom/dressing room pull-cord** with call and cancel buttons.

- 1 SEN-121 **red signal device**.

- 1 FAC-050 individual **power supply**.

However, the same control panel can serve up to **5 adapted bathrooms / changing rooms**, with the necessary elements being available separately.

SEN-121
RAB-010

FAC-050
LLC-824

Plug & Play: no programming or configuration	Anti-strangulation cord	Control panel with display	Easy raising of alarms from the pull-cord	Light-up indicator in passageway area	Control panel with warning device (acoustic)	Extendable to cover up to 5 bathrooms / changing rooms

Wandering user monitoring

USERS LOCATED AT ALL TIMES

The ALCAD system can assist work with users with orientation problems, Alzheimer's, senile dementia, etc.

Every day we encounter users showing signs of orientation problems such as Alzheimer's, senile dementia, etc. These types of users may attempt to leave without permission from the centre, to the **detriment of their own safety and that of the care centre**.
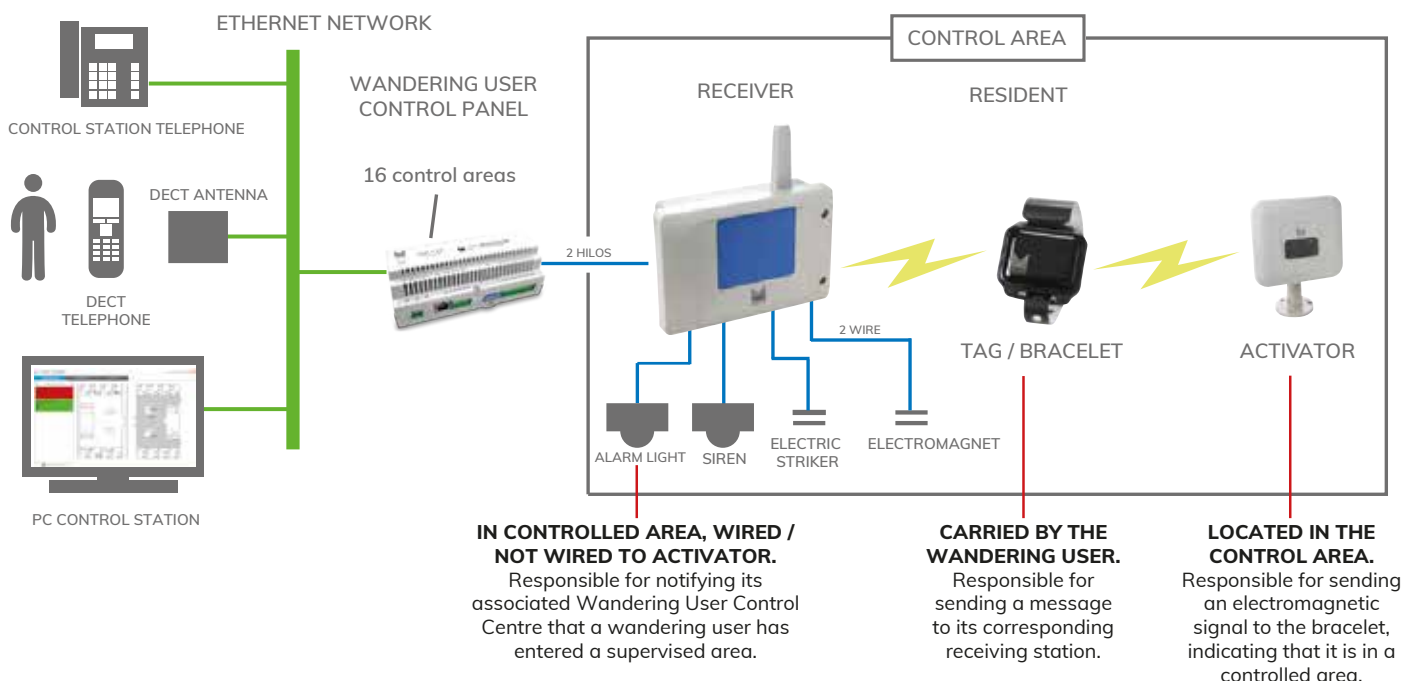
That is why ALCAD has integrated the **Wandering User Control** module into its ACCURO platform, which provides control mechanisms that **prevent this type of escape and facilitate care work**.

The solution consists of **ergonomic, waterproof wristbands** worn by users. In the control areas (exit doors, stairs, corridors, elevators, etc.) **activators** are placed that detect when a wandering user approaches a supervised area.

As soon as this happens, **the wristband will emit a signal** to the receiving station that controls the area, which can **activate an audible alarm, send an order to lock a door, etc**... In addition, it will indicate to the system the event that occurred, so that staff can carry out whatever actions are deemed appropriate.

General outline:

ETHERNET NETWORK

CONTROL STATION TELEPHONE

DECT ANTENNA

DECT TELEPHONE

PC CONTROL STATION

WANDERING USER CONTROL PANEL

16 control areas

2 HILOS

CONTROL AREA

RECEIVER

RESIDENT

2 WIRE

ALARM LIGHT   SIREN   ELECTRIC STRIKER   ELECTROMAGNET

TAG / BRACELET

ACTIVATOR

IN CONTROLLED AREA, WIRED / NOT WIRED TO ACTIVATOR.
Responsible for notifying its associated Wandering User Control Centre that a wandering user has entered a supervised area.

CARRIED BY THE WANDERING USER.
Responsible for sending a message to its corresponding receiving station.

LOCATED IN THE CONTROL AREA.
Responsible for sending an electromagnetic signal to the bracelet, indicating that it is in a controlled area.

IPTV Healthcare

THE SIMPLEST AND MOST COST-EFFECTIVE TV SOLUTION

ALCAD draws upon more than 30 years of experience in the multimedia sector to offer centres the most profitable IPTV solution on the market, one which is 100% Made-in-ALCAD.

30 years facilitating your entertainment

No costly maintenance or endless installation processes

A complete solution, from receipt of the TV signal to the room or common area

Compatible over networks such as Ethernet and GPON

Want to know more? You can use this QR code to access our **IPTV digital catalogue**.

ALCAD can offer social and health centres **a complete IP network TV solution**: from the initial capture of TV signal through terrestrial antennae, satellite dishes or fibre-optic tables through to processing and routing to rooms or common areas in the centre: entrances, dining rooms, TV rooms, etc. Thanks to its powerful and agile middleware or software, it is easy to operate, as well as intuitive, fast and very reliable. And 100% Made-in-ALCAD.

IPTV Healthcare, in its Basic and Premium modes, allows an agile and fast installation of the entire system by assigning an IP address to each room or common area automatically, without the need to configure it room-by-room. In addition, **the upgrade from Basic to Premium may be done with a simple software upgrade**.

Basic

For **installations with simple and basic entertainment needs**. The contracted and installed TV channels may be displayed, and it is possible to both configure the language and automatically reorganise the channels.

Premium

This is a complete solution *par excellence*, designed for all types of installations and FULLY INCLUSIVE, allowing **very agile interaction with the user**.

The management of the contents is done in a centralised manner, with the option to add as many channels as necessary with **proprietary content**, from advertising to classes with physical exercise, rehabilitation techniques, videos of the centre, excursions...

ALCAD DS: the simplest way to show your message

The **ALCAD DS** (Digital Signage) option is integrable with both IPTV Premium and IPTV Basic. This is a **centralised web management tool** that provides dynamic, effective and well-adapted communication and is very simple to use; the management software creates and distributes the contents and enables the creation of sequences and schedules.

Its advantage compared to printing is clear: in addition to being more cost-effective, **the content is displayed more attractively and offers greater market segmentation,** ultimately achieving better results.

Where? It is ideal for visiting areas or common rest rooms.

CASE STUDIES
THE RESULT OF WORKING AS A TEAM

We like to **call each project by its name**, understanding the particular needs of each case and offering the best of ourselves.

We like to sit down and debate ideas, proposals and alternatives; to work as a group, to **share our 30+ years of experience until we arrive at the solution** that best suits the characteristics of the client.

We like to see the final result, to know that we have covered a **need** in a professional and efficient way. We like things **well done**.

Your success is ours; that's why we like to work as a team.

A few examples follow of **some of our most notable case studies.**

More than **10,000** beds connected

Present on all **5 continents**

■ Santa Teresa Nursing Home
A Cañiza (Pontevedra, Spain)
- A modern nursing home with 132 beds.
- The complex have facilities such as medical rooms, rehabilitation rooms, social units ...
- Its social services include nursing, medicine, psychology, physiotherapy and social education.

■ La Rosaleda Nursing Home
Ponferrada (Castile-Leon, Spain)
- The nursing home hall serves 144 beds in 84 rooms.
- The spacious, bright, colourful and cosy building is designed for all types of people, both able-bodied and assisted.
- It has a user-nurse communication system in all common areas and in the rooms.

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■ St. Joseph's Mews

Hawthorn (Australia)

- ALCAD serves residents who enjoy the freedom of living in independent apartments, while taking advantage of a multitude of community activities. All this comes with the security of a monitored emergency call service, thanks to our CHC-235 room terminal.

■ Emerald Hill Ret. Home

South Melbourne (Australia)

- ALCAD serves 146 residents in a privileged area of the city through its CHC-045 room terminal, allowing them to enjoy great autonomy.
- In the same country, we also serve other **Catholic Homes Group** nursing homes, such as Shanagolden, Caspa Care, Star of the Sea or Greenvale, through our CHC-040, CHC-120 or CHC-235 room terminals.

■ Daughters of Charity Ret. Home

Murgia (Álava, Spain)

- Founded in 1868, it currently accommodates 60 people, 20 elderly nuns and another 40 elderly people.
- Due to their physical or psychological shortcomings together with their personal or social circumstances, these people are unable to live alone and therefore need a robust and reliable system of user-nurse communication.

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■ Mirasierra Aguadulce Ret. Home

Roquetas de Mar (Almería, Spain)

- 116 places for able-bodied and dependant persons.
- This building is built in the form of a "U" around a central courtyard with rooms, both single and double, as well as a kitchen, dining rooms, geriatric baths, an infirmary, hairdressers, physiotherapy or occupational therapy rooms.

■ Ger. Centre La Comarca del Mayor

Nava (Asturias)

- A refurbishment in 2018 has improved the quality of life and care for a total of 24 dependent and independent people. Social and health personnel have also been provided with the necessary tools for better performance of their functions.