Professional Security and Communication
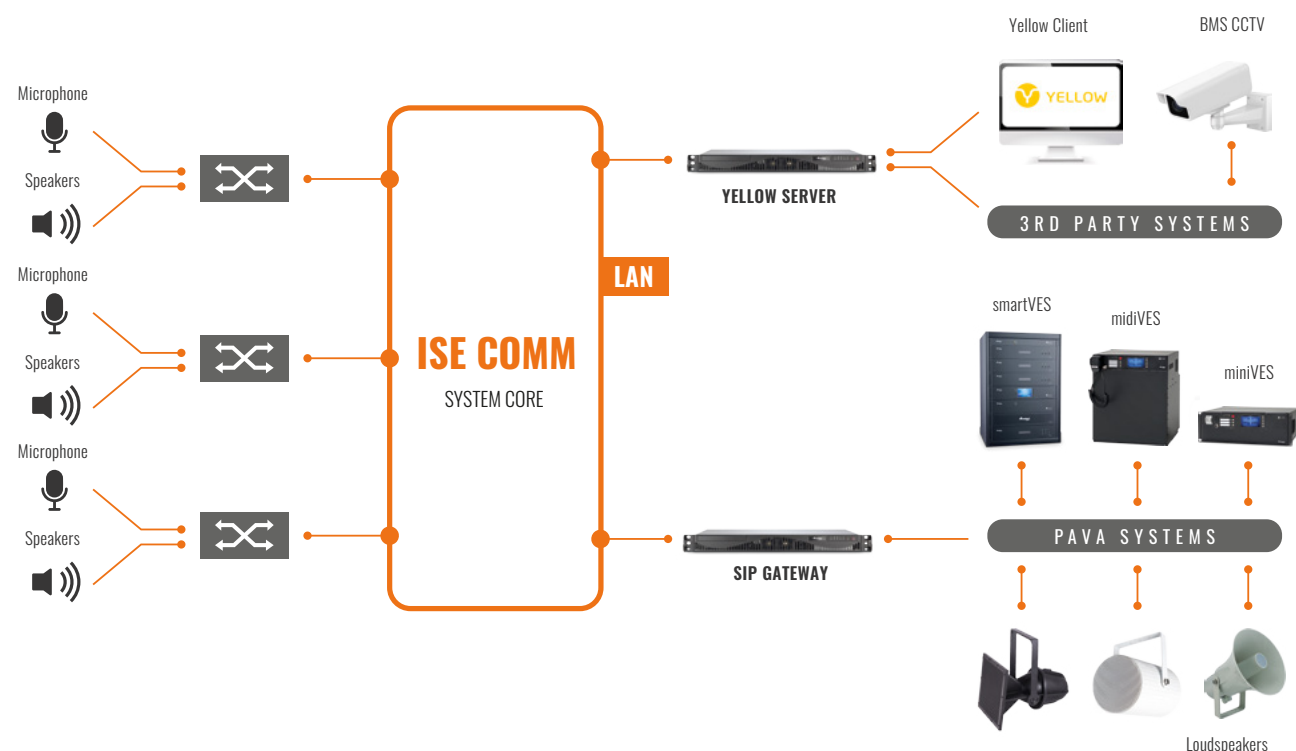
SIP Intercom System

We make everyday life safer

SIP Intercom System

Designing buildings requires the reconciliation of the many needs and interests of investors, operators and their end users. Architects and designers face an increasingly challenging task to create a bridge between the advanced systems implemented in buildings and their intuitive use.

The safety of people and property is a key element - as is the need for efficient communication and an effective flow of information. That is why it is so important to equip these buildings and facilities with intercom communication systems.

In the event of an alarm being triggered, an evacuation system will begin to warn occupants of the hazard. Intercoms then enable two-way communication, allowing for verification of the situation and for security personnel to take appropriate action. Intercoms combined with systems such as voice alarms and CCTV create integrated security systems (SCP). A voice alarm system is able to make automated or manual announcements in the building, while CCTV provides the operator with a visual image of the areas where there is an emerging situation in the facility.

The main advantage of an intercom system is the reduction in response time between the person in need of assistance and the facility staff or security services. This solution can prove vital during the evacuation of a building. People who cannot use the staircase or have mobility limitations can talk directly to building managers or security, to help ensure their safety and provide reassurance.

MAIN FEATURES

✔ digital voice communication system in TCP/IP technology;

✔ remote supervision and monitoring;

✔ the ability to record sound;

✔ possibility of close integration with the following systems: Access Control, CCTV, BMS, PSIM, PBX, PA/VA.

ISE COMM
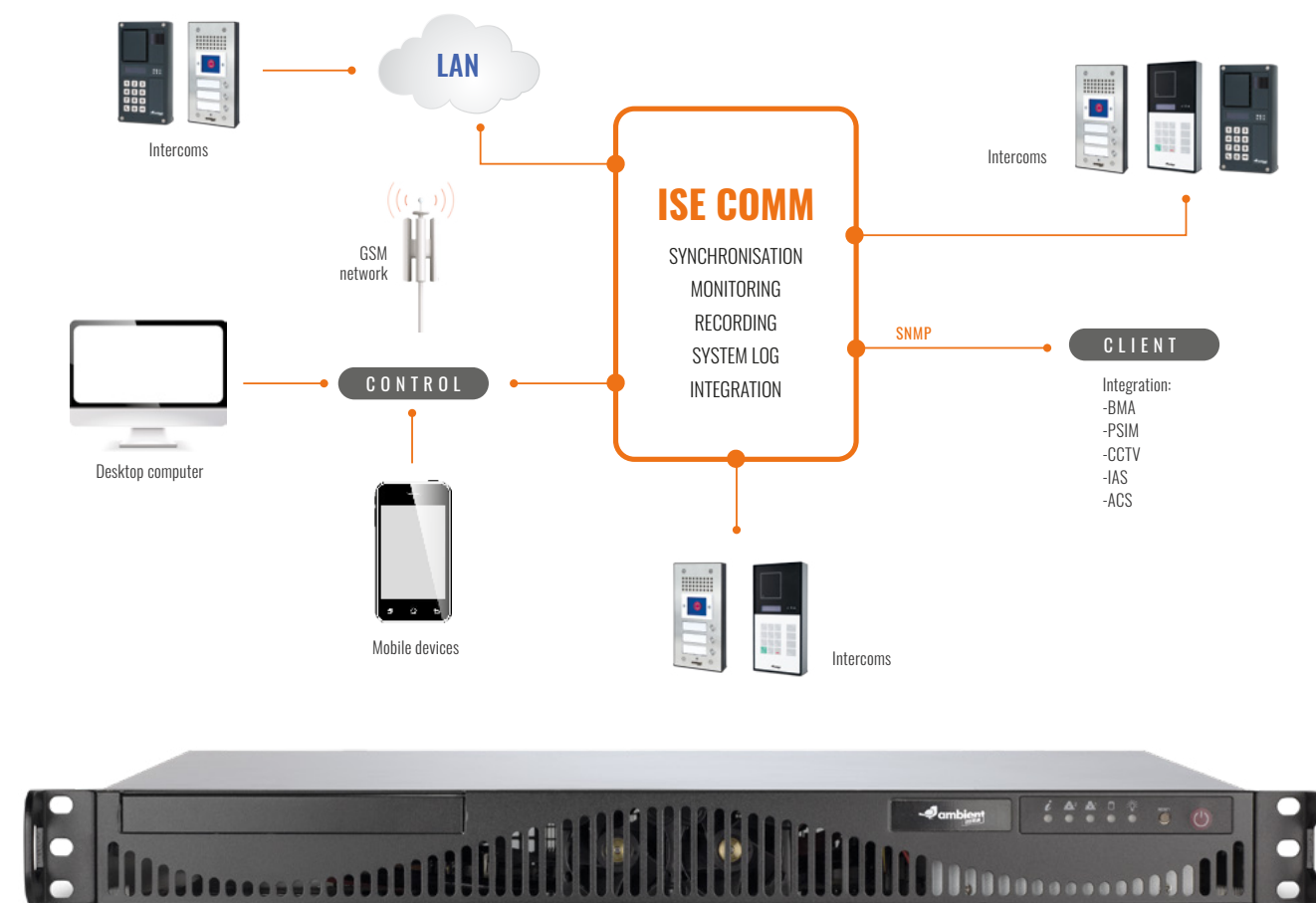
In larger buildings and facilities, it is important to manage the entire security structure from one location.

The heart of the intercom system is the ISE COMM management server. It is responsible for the supervision and synchronization of devices in the network. ISE COMM performs the functions of call handling, and digital sound processing and enables integration of the system with other communication and security systems in the building.
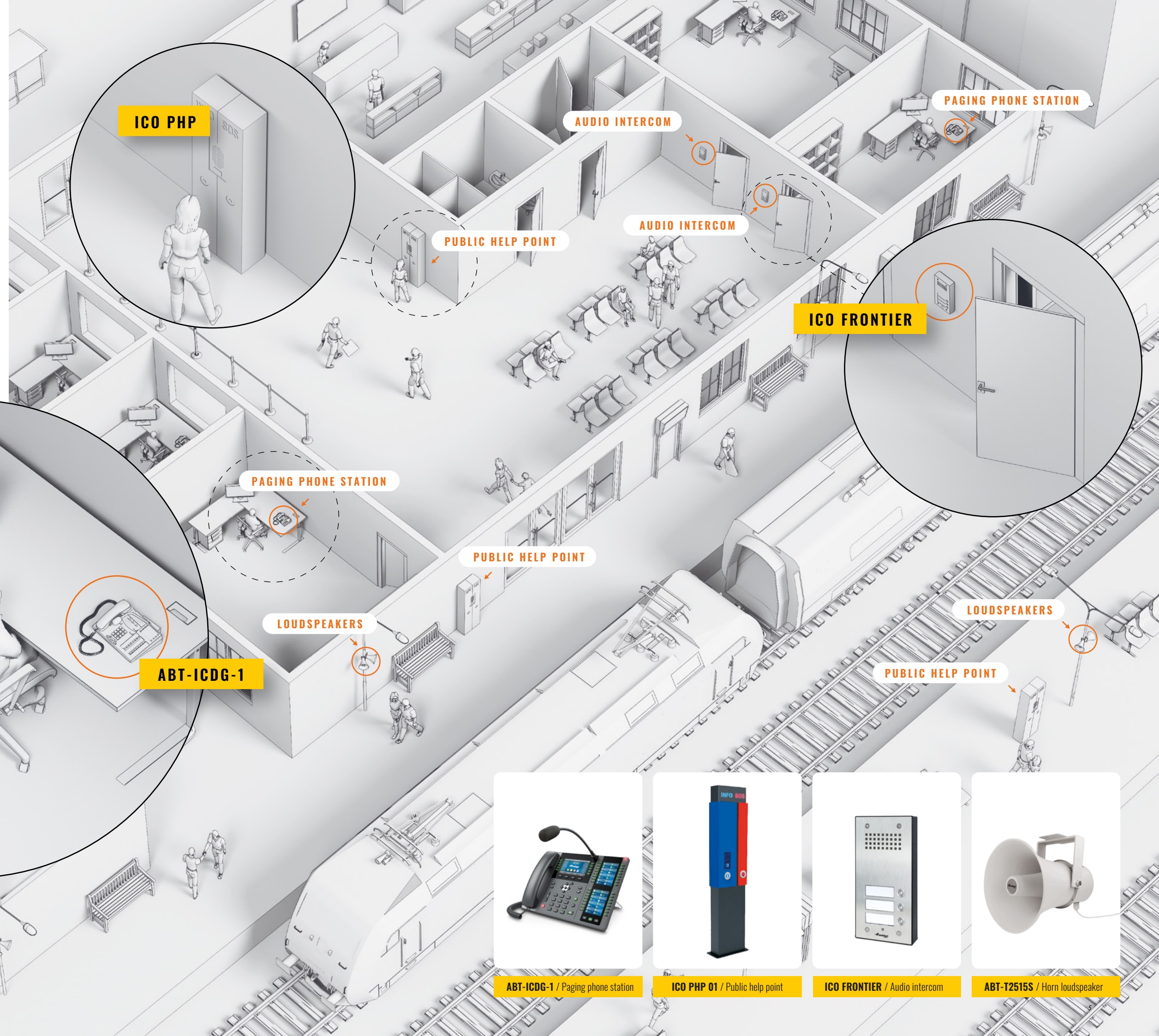
CHARACTERISTICS

» **Providing a graphical interface to the initial configuration;**

» **integration with third party systems;**

» **audio call recording;**

» **schedule of events;**

» **web-based configuration and management.**

MAIN FEATURES

✔ monitoring the status of devices on the network;

✔ intercom synchronization;

✔ queuing and forwarding calls;

✔ conference call support;

✔ broadcasting automatic messages;

✔ system log.

Train Station

Public Help Points, or INFO/SOS kiosks play an important role in public transport. These are intercoms whose task is to immediately connect the traveller with the staff responsible for providing information and assistance as well as assisting in maintaining law and order.

ICO PHP

AUDIO INTERCOM

PAGING PHONE STATION

PUBLIC HELP POINT

AUDIO INTERCOM

ICO FRONTIER

PAGING PHONE STATION

PUBLIC HELP POINT

LOUDSPEAKERS

LOUDSPEAKERS

ABT-ICDG-1

PUBLIC HELP POINT

ABT-ICDG-1 / Paging phone station

ICO PHP 01 / Public help point

ICO FRONTIER / Audio intercom

ABT-T2515S / Horn loudspeaker

AUDIO INTERCOM

AUDIO INTERCOM

AUDIO INTERCOM

PAGING PHONE STATION

PAGING PHONE STATION

AUDIO INTERCOM

ABT-ICD-1

ICO FRONTIER

ICO CLEANROOM

Hospital

The intercom system in hospitals is a tool for voice communication between medical staff and patients. Its undoubted advantage is that it can be used in rooms where telephones cannot. Special clean-room intercoms, equipped with an anti-bacterial coating and resistance to cleaning chemicals, can be used in treatment and operating rooms.
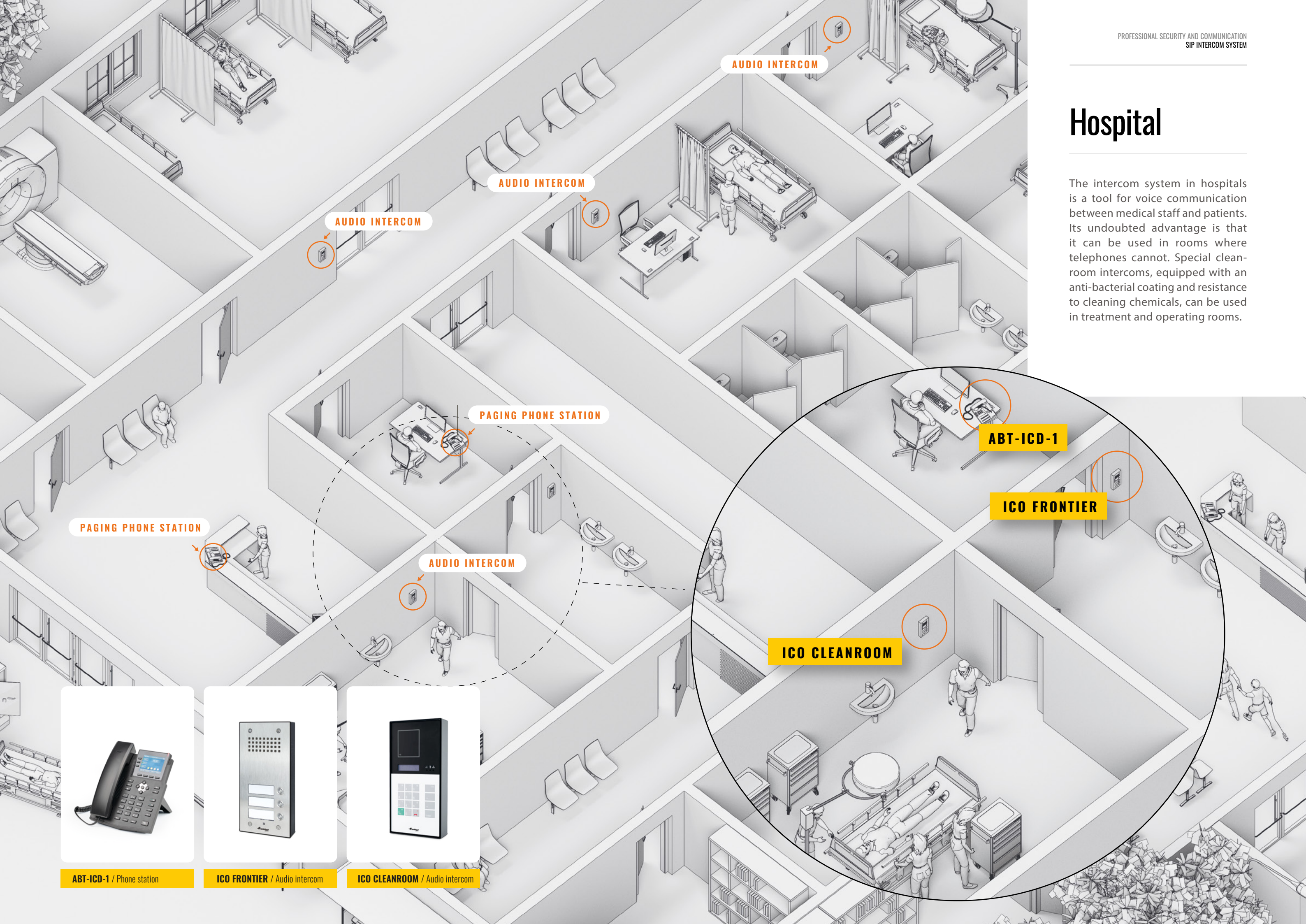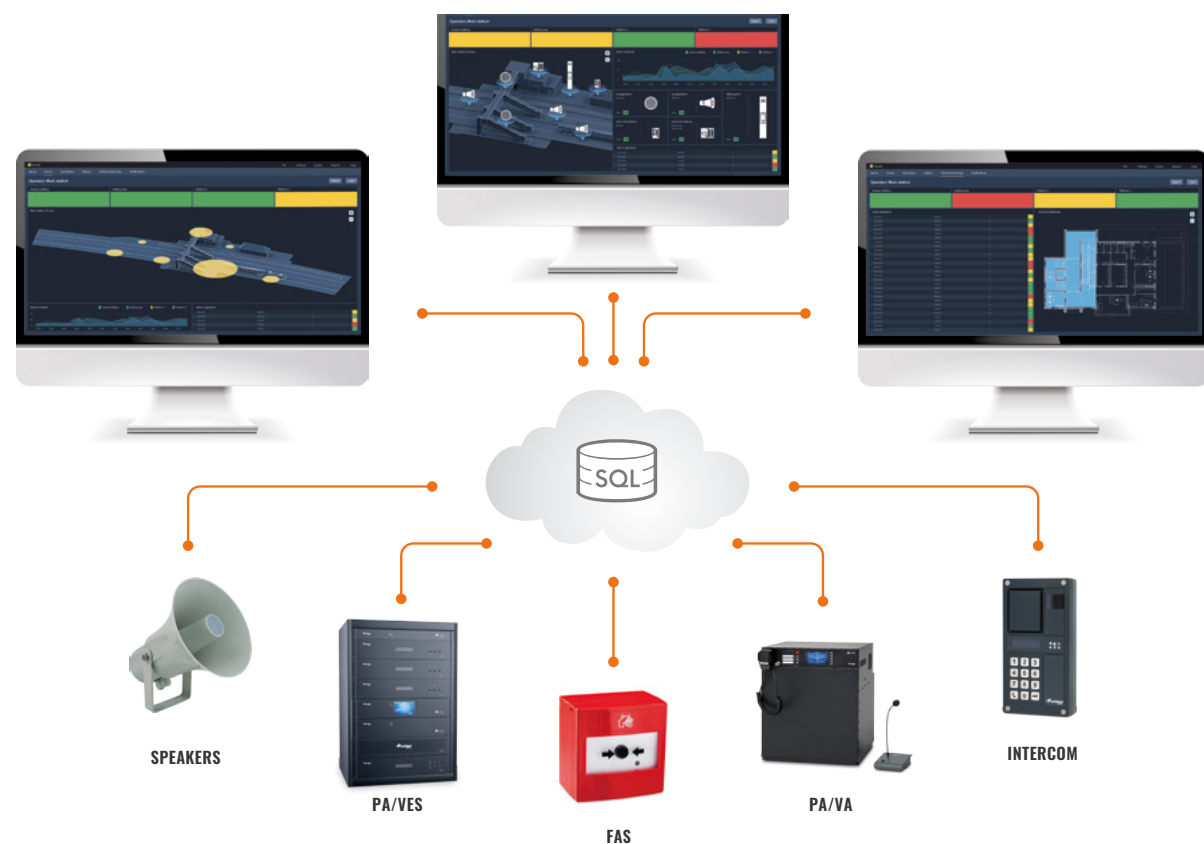
ABT-ICD-1 / Phone station

ICO FRONTIER / Audio intercom

ICO CLEANROOM / Audio intercom

Yellow Security System Visualization Software

SPEAKERS

PA/VES

FAS

PA/VA

INTERCOM

Yellow is a platform for visualization, integration and management of security systems.

The software offers graphical presentation of the status of devices across a site. Devices and zones in the facility are represented in the form of icons and vector graphics.

The appearance of the icons allows you to quickly identify the type and current status of the device. The change of appearance occurs automatically. The use of YELLOW does not require any special operator skills.

The Yellow software allows you to create an interface for monitoring and managing PA/VA systems and intercoms installed in many locations.

System Gateway

ABT VES GATEWAY is the VoIP interface between systems supported by SIP and the PA/VA solutions manufactured by Ambient System.

Paging phone station

Intercoms

SYSTEM GATEWAY

PAVA SYSTEMS

smartVES

midiVES

miniVES
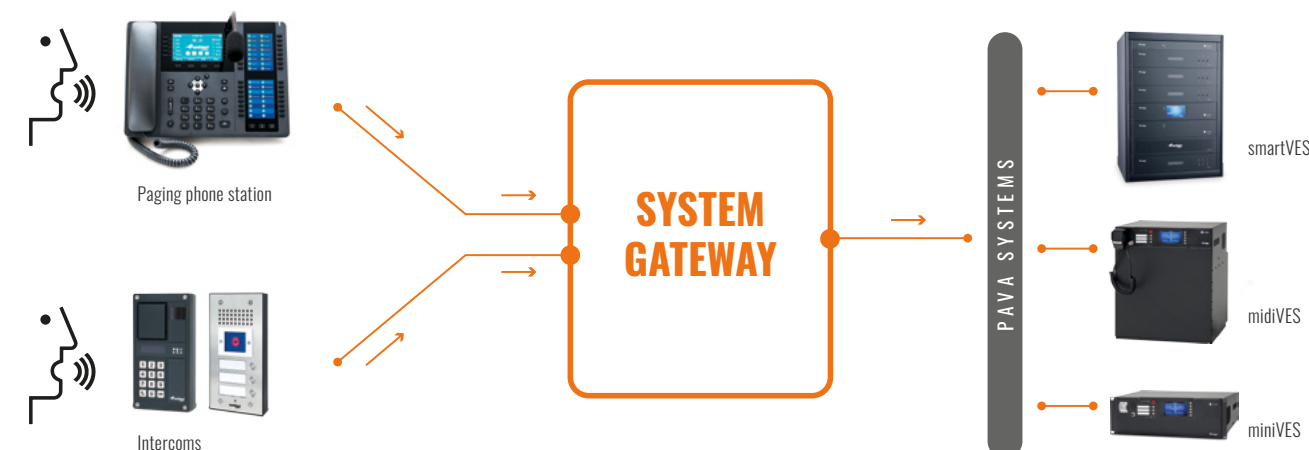
The interface enables the creation of broadcast groups within the PA/VA configuration, to which it will be possible to send messages via VoIP. Thanks to the support of the PA/VA system protocol, the interface also allows you to control a number of its advanced functions.

ABT VES-SIP GATEWAY is also a network player of voice messages with a schedule function. This player can be managed in a simple and intuitive way via a web browser, eliminating the need to program the schedule of general messages from the PA/VA configuration software.
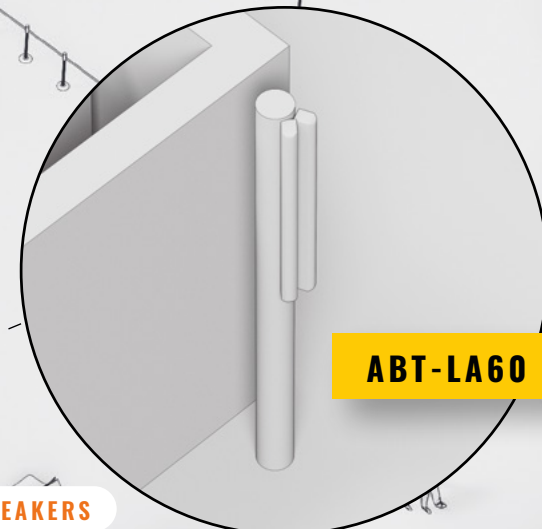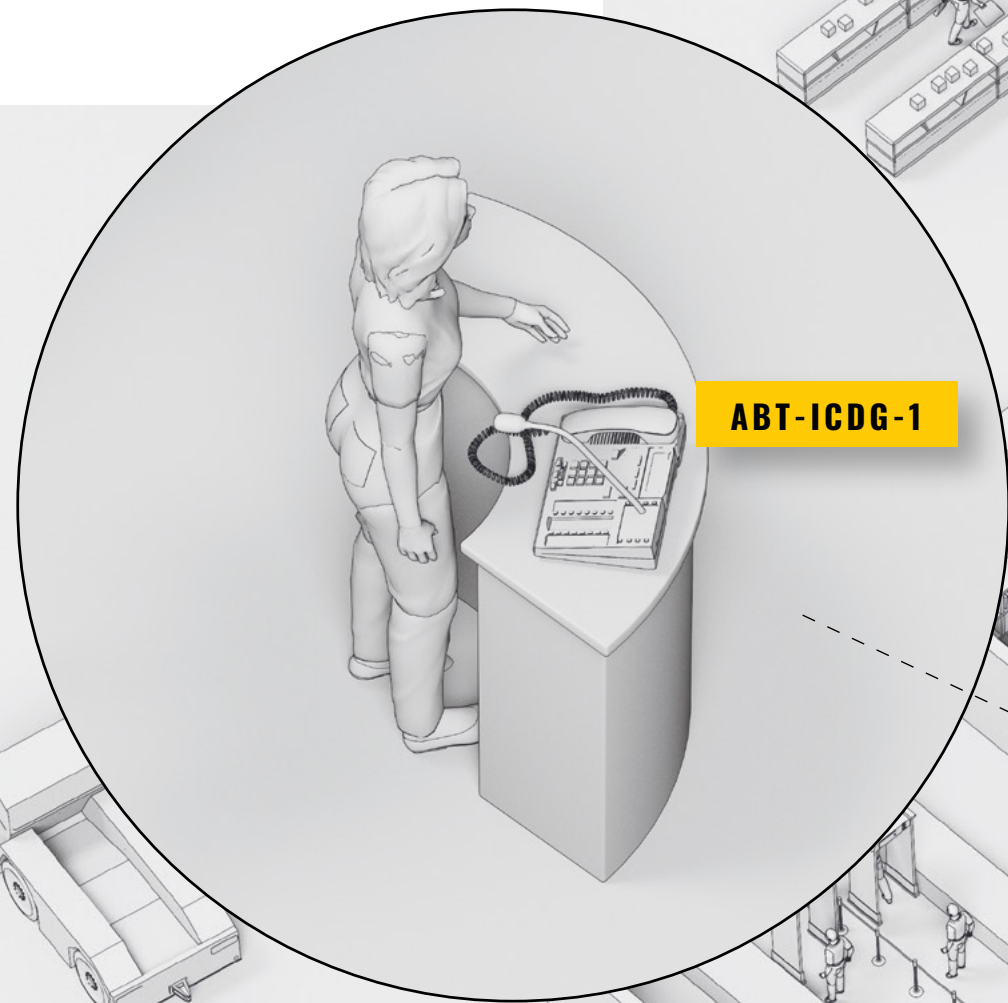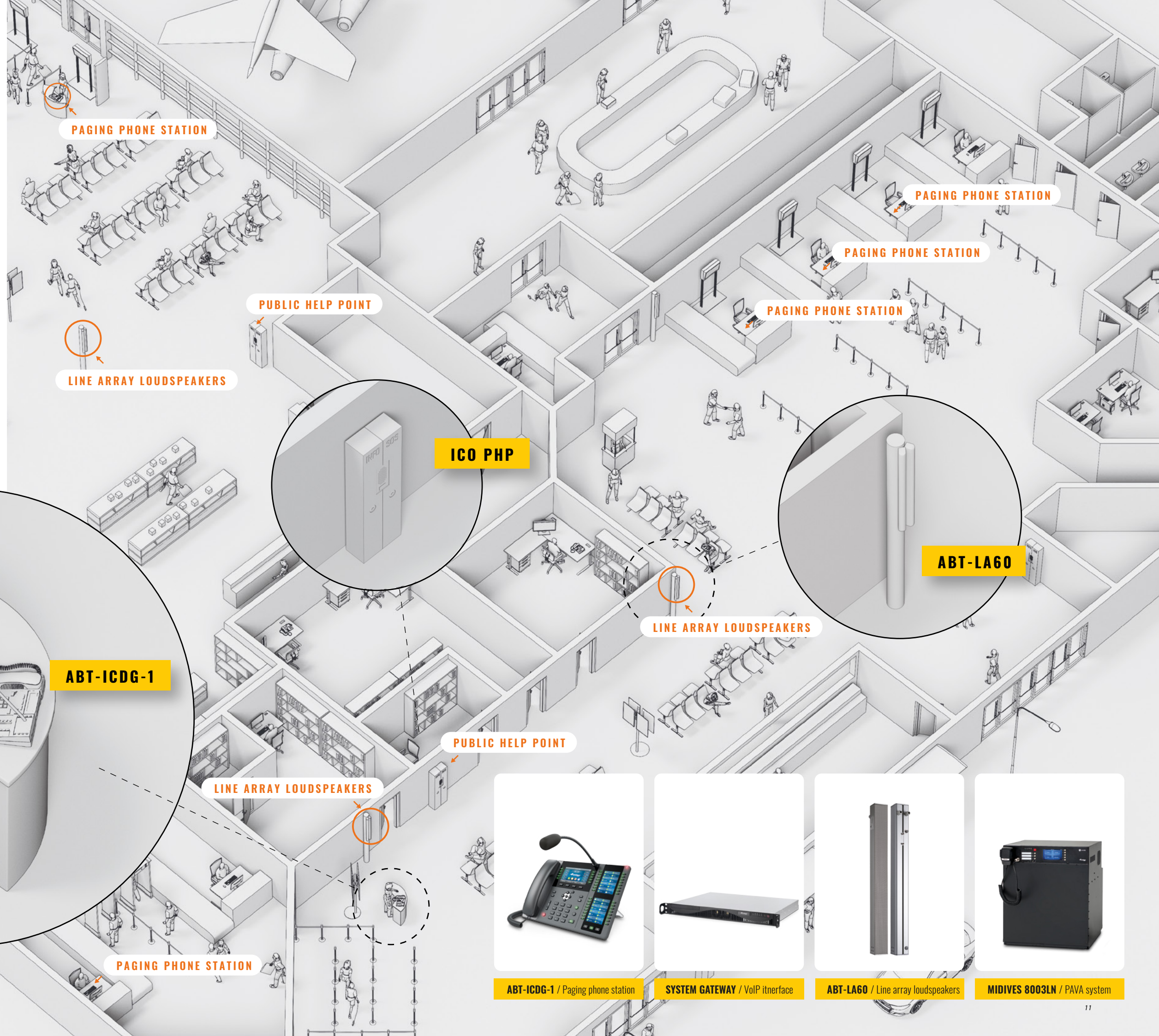
CHARACTERISTICS

» *Providing a graphical interface to the initial configuration;*

» *integration with third party systems;*

» *audio call recording;*

» *schedule of events;*

» *connection setup with VES systems via SMS protocol;*

» *the basic supported codecs are G.711u, G.711A and G.722*

MAIN FEATURES

✔ *digital integration of PA/VA and VoIP systems;*

✔ *integration with mobile devices;*

✔ *player with schedule function;*

✔ *recording the audio content of messages;*

✔ *queuing and buffering of messages.*

Terminal

Broadcasting at an airport terminal can be complex as there is a need to manage a large number of messages. These are generated by the gate service and the travel information system. The messages are often addressed to the same or adjacent zones in quick succession or at the same time. Unlike ordinary broadcasting systems, System Gateway is equipped with mechanisms for buffering and queuing messages that will be automatically announced in the zone when it becomes available.

PAGING PHONE STATION

PAGING PHONE STATION

PAGING PHONE STATION

PAGING PHONE STATION

PUBLIC HELP POINT

LINE ARRAY LOUDSPEAKERS

ICO PHP

ABT-LA60

LINE ARRAY LOUDSPEAKERS

ABT-ICDG-1

PUBLIC HELP POINT

LINE ARRAY LOUDSPEAKERS

PAGING PHONE STATION

ABT-ICDG-1 / Paging phone station

SYSTEM GATEWAY / VoIP itnerface

ABT-LA60 / Line array loudspeakers

MIDIVES 8003LN / PAVA system

11

School

Ambient System presents an integrated solution, combining the functionality of an EN54 certified Voice Alarm System, a fully digital SIP intercom system, together with a visualisation and management platform.
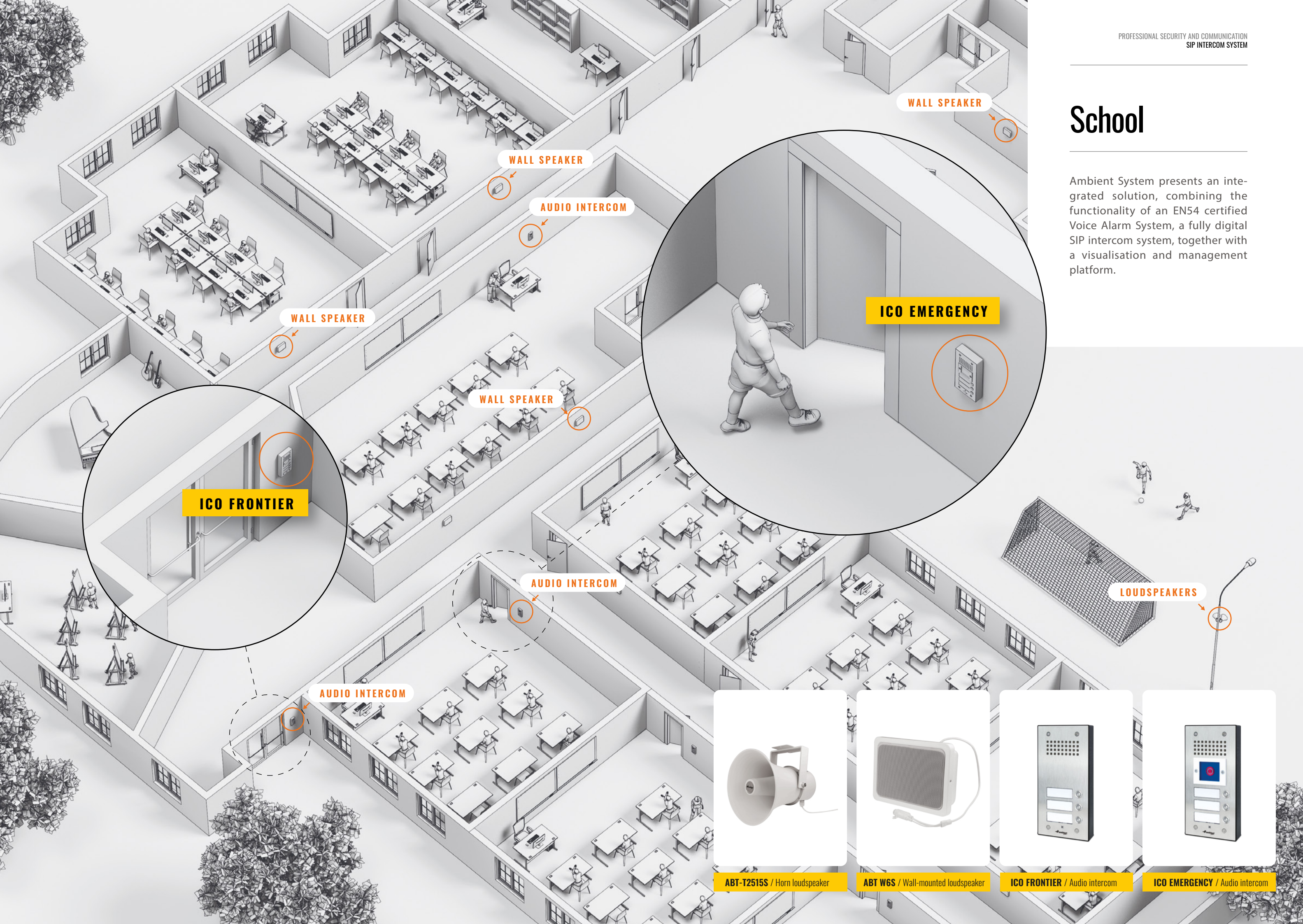
WALL SPEAKER

WALL SPEAKER

AUDIO INTERCOM

ICO EMERGENCY

WALL SPEAKER

WALL SPEAKER

ICO FRONTIER

AUDIO INTERCOM

LOUDSPEAKERS

AUDIO INTERCOM

ABT-T2515S / Horn loudspeaker

ABT W6S / Wall-mounted loudspeaker

ICO FRONTIER / Audio intercom

ICO EMERGENCY / Audio intercom

SIP Audio Intercoms

ICO EMERGENCY

- » Dedicated emergency button
- » Frangible glass plate
- » Echo cancellation
- » HD audio quality
- » Up to 3 fully programmable standard buttons
- » Two relay outputs and one input
- » Audio output for hearing loop driver

ICO FRONTIER

- » Echo cancellation
- » HD audio quality
- » Up to 3 fully programmable standard buttons
- » Two relay outputs and one input
- » Audio output for hearing loop driver
- » Hight vandal resistance IK08

ICO STRONG

- » High volume
- » Double microphones
- » Resistance to the environment – IP67
- » Vandalproof - IK10
- » Full duplex
- » Noise reduction
- » Echo cancelation
- » Variuse versions

ICO CLEANROOM

- » Antibacterial Coating
- » Functional Keyboard
- » Resistance to the environment – IP67
- » HD audio
- » Noise reduction
- » Acoustic Echo cancelation
- » Automatic volume control
- » Automatic equalization control

ICO CUBE

- » Powerful amplifier output
- » Compact dimensions
- » 6 programmable I/O
- » 2 Relays
- » Active switch
- » Noise reduction
- » Echo cancellation
- » Various versions

ICO INDUSTRIAL

- » Ready to be used with protective gloves
- » Highly visible
- » Polymeric compose housing
- » High volume
- » HD audio
- » Noise reduction
- » Acoustic Echo cancelation
- » Automatic volume control

ICO PHP

- » Perfectly visible in any public space
- » Clearly distinguish Info and Help functions
- » High volume
- » Double microphones
- » Resistance to the environment – IP65
- » Vandalproof - IK10
- » Full duplex
- » Noise reduction

ICDG-01

- » 20 SIP lines, 3-way conference, hotspot
- » HD audio on speakerphone and handset
- » 4.3" main color display, 2×3.5" side color displays for DSS keys
- » Built-in Bluetooth
- » Up to 106 DSS keys (42 tri-colored physical keys)

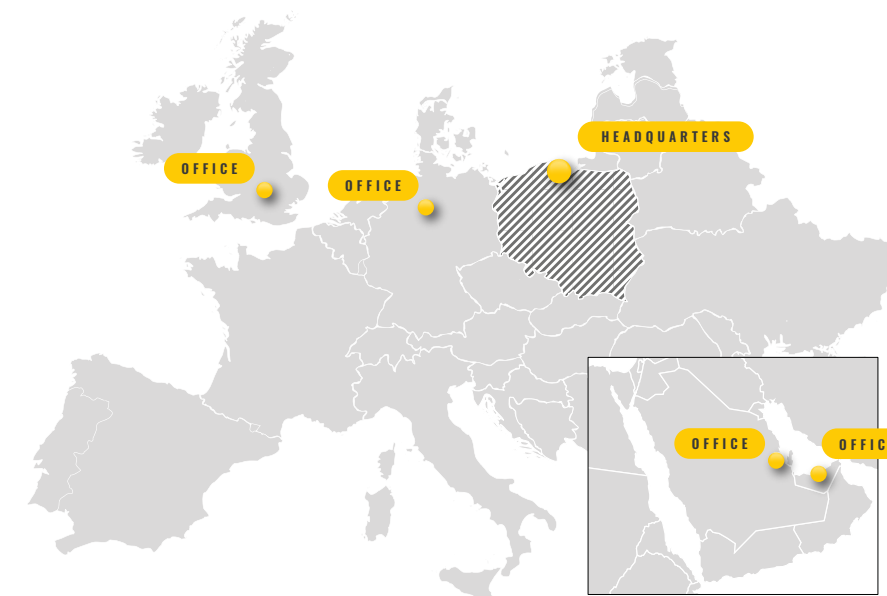### CONTACT

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ambient SYSTEM

We make everyday life safer

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