



Security Communication Platform

PA/VA / SIP Intercom / YELLOW Software / Active Loudspeakers



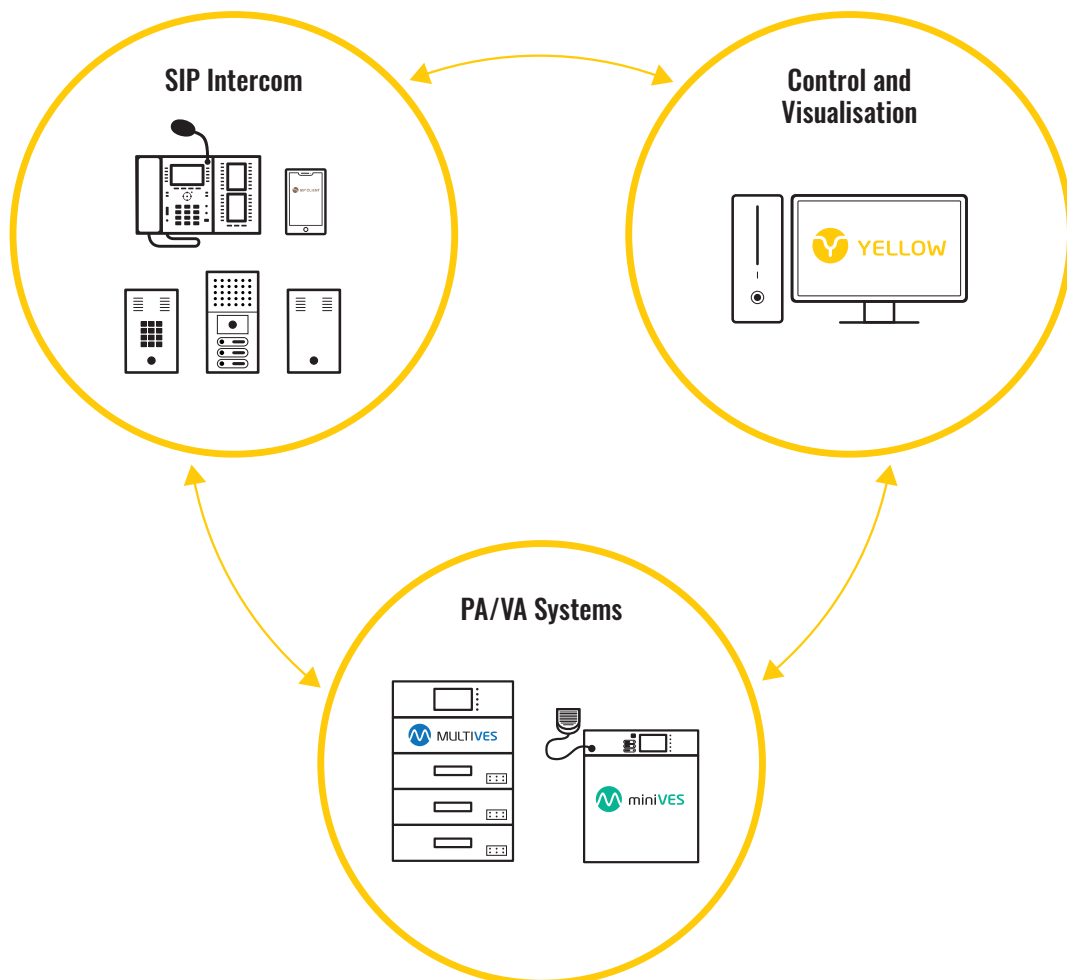
We make everyday life safer

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Security Communication Platform

Modern facilities require an integrated approach into their security and communication systems. Ambient System presents an integrated solution that combines functionality of an **EN 54 certified Voice Alarm System, fully digital SIP Intercom system**, as well as a **visualization and management platform**, which shall allow to control over the above – and other systems – in one unified fully configurable Graphic User Interface (GUI).

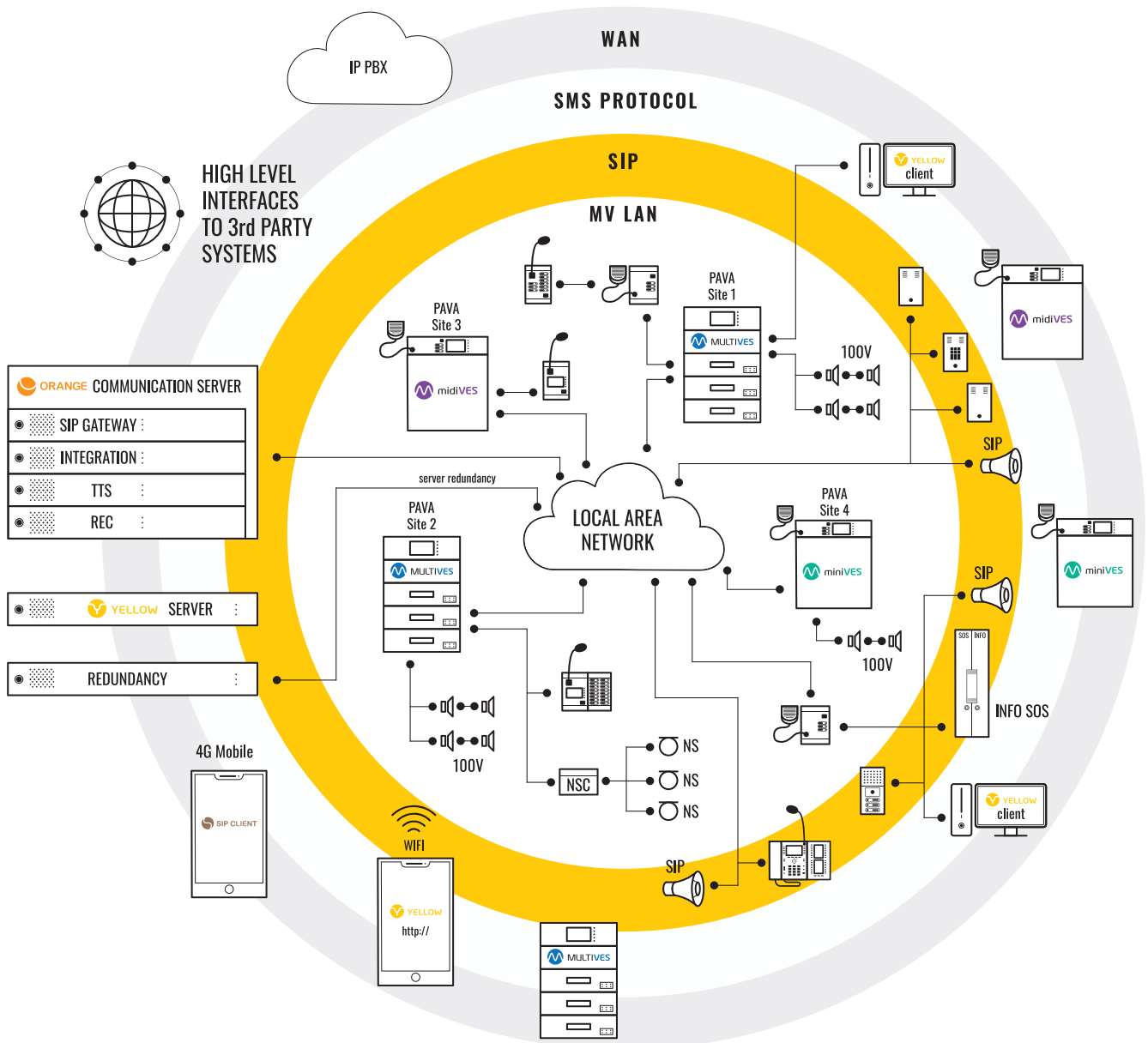


The Ambient System Integrated Security Platform is a **perfect solution for various types of applications**, where the key requirement is to provide rapid response to any events. It allows the systems operators not only to quickly address the recipients, but also provides a means of two way communication. **The solution is dedicated primarily to public utility buildings, office complexes, medical facilities, industrial facilities and public transport facilities** – such as ship terminals, railway stations, metro and airports.

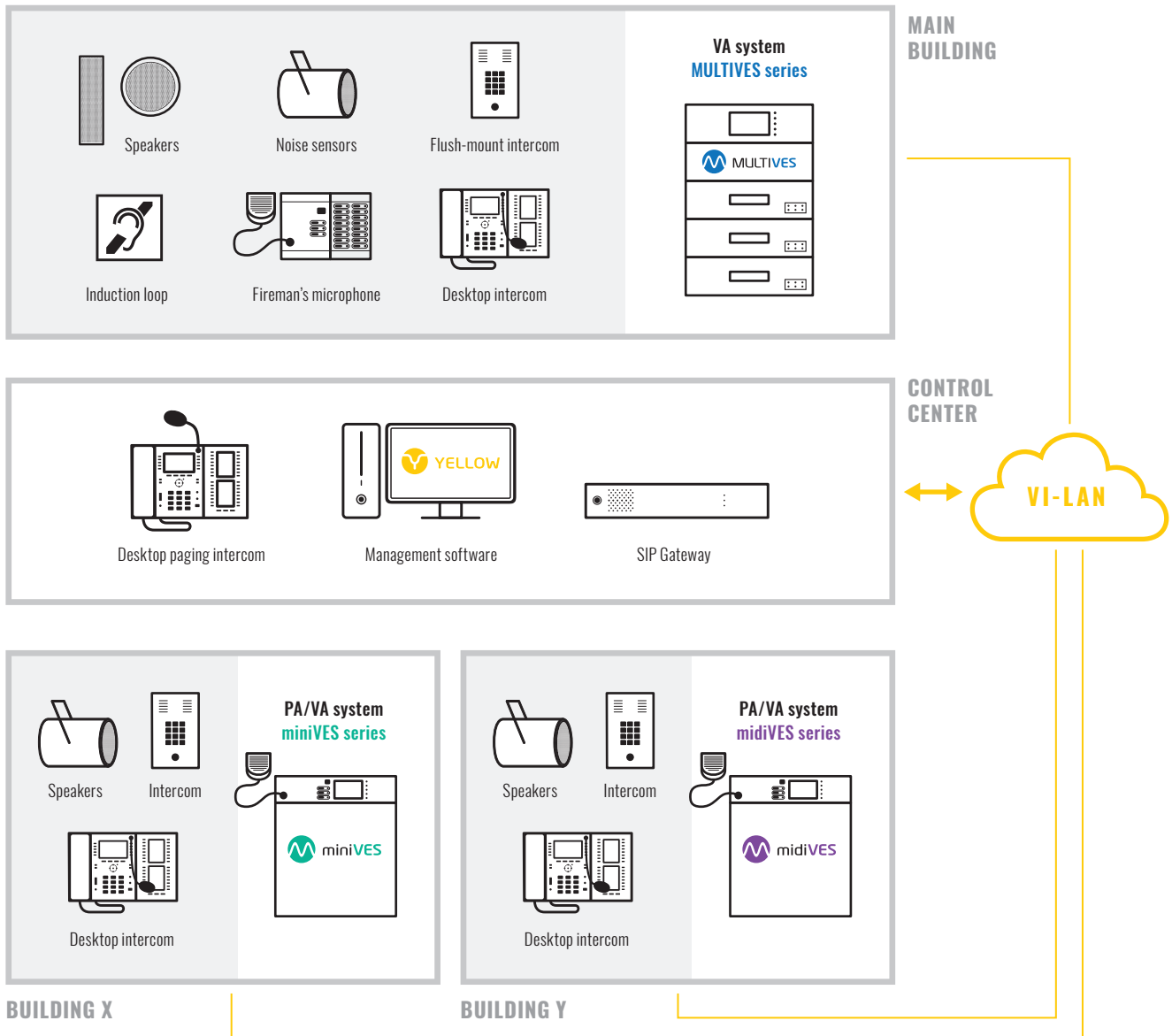
This comprehensive approach allows the user to more **easily manage the processes in the facility** and to take more **efficient and faster actions to eliminate possible threats**.

System concept

- **Broadcasting automated messages** and being able to **manually page any VA zones**.
- Ability to address individual **SIP loudspeakers**.
- Two-way conversation in **Full Duplex mode with HD Audio**.
- **Management and visualization** of all connected systems in one unified **Graphical User Interface**.



Example application



- The system covers a **networked building complex**. Each building is equipped with a VA or sound system. Each of the buildings can be equipped with a local broadcasting station and/or Firefighter's microphone.
- There is a **Control Center** within the facility. The operator is equipped with a **desktop paging station** in the form of a SIP Intercom and an operating console in the form of a touchscreen PC running the **YELLOW SI STANDARD application**.
- In selected parts of the facility there are **intercom stations enabling two-way communication with the Operator** in the control center or selected employees positions.

YELLOW / System Visualisation & Management Software



YELLOW is a platform for control, visualization and integration of communication and security systems. YELLOW offers the operator to **monitor system status, control system features and effectively respond to any threats that may occur in the facility** or even group of networked facilities. All managed system components can be visualized in one GUI created and customized for a given application.



- System and device status requisition.
- Operates via TCP/IP network.
- Controlling audio signal matrix.
- Controlling zone and source volume.
- Running a system log.
- Activating pre-programmed scenarios.
- Triggering stored automatic announcements.
- Presenting fault information in graphic form.
- Ability to broadcast using a built-in SIP client.
- Notifying of system status via email.

Voice Alarm System

The Ambient System Integrated Security Platform allows to operate multiple systems working within a TCP/IP network. The solution allows to **combine all certified Ambient VA systems**, in any combination, as well as **NETIO series network amplifiers**.

The integration is fully digital – for both control and audio signals exchange. At the same time, **each system can be considered as independent** – none of the devices in architecture assumes the role of a MASTER device – so even in the event of the loss of communication in the network or its total failure, individual devices will continue to operate without loss of system efficiency at given locations.



All-in-One Systems



Modular System

SIP Gateway



The **Ambient SIP Gateway** interface allows the transmission of audio signals between SIP networks and PA/VA systems, as well as controlling devices via the propriety SMS protocol. The SIP Gateway supports G.711u and G.711A codecs. In addition, the device is equipped with a built-in memory, which can serve as a global message cache. Stored messages can be transmitted to any device within the network.

SIP Intercoms

The use of intercoms in place of classic microphone consoles significantly **increases the functionality of the system in terms of communication and increases the operator's comfort of work.**



ABT-ICDG-1 is a desktop intercom equipped with numerous programmable buttons and a gooseneck microphone. The device is designed to work both as a SIP telephone and a Public Address paging station for the PA.



ABT-IC-1 / ABT-IC-K1 are wall-mounted intercom stations designed for surface or recessed installation. The stations are characterized by a solid construction (IP65 and IK08). Each station is equipped with a control output that can be used, for example, to open an electric lock.

SIP Loudspeakers

The latest addition to the portfolio of Ambient System products in the segment of communication and security systems are **active loudspeakers using SIP technology**. The offer includes 3 basic types of loudspeakers:

1. **ABT-T2515S** type
active 15 W
horn speaker



2. **ABT-S206S** type
active 6 W
ceiling speaker



3. **ABT-W6S** type
active 6 W
wall speaker





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Ambient System products are continually improved. All specifications are therefore subject to change without prior notice.

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