![zenitel logo]

Giving a voice to your security solution

can make all the difference!

Sound and speech systems can play an important part in ensuring the overall security of a building. When integrated with existing necessary systems such as video surveillance, access control systems and perimeter detection systems, the adoption of audio can go beyond security applications. The ability to listen to and speak through audio systems can benefit site-wide security management as well as general operations and commercial communication.

What do you need audio for?

The flexible capabilities of audio can cover many more applications compared with other technologies adopted in security systems. Unlike a video-exclusive system, a single audio-based security system can be used for employee paging, two-way emergency communication, public address & alerts, voice alarms for safety applications and background music.

Adding two-way audio to any security setup or installation is easy, cost efficient and comes with matchless benefits. Some of those benefits include:

- Increased ability to detect unfolding security events and react quickly: better situational awareness with audio as a prognosis tool
- Redefine and elevate customer experience by enabling crystal clear communication at any time, in any situation
- Improve the security of your facility for staff and visitors with the use of audio as part of life safety systems

Move to a proactive rather than reactive security with audio

Imagine a security guard sees a trespasser break in on video camera. Without the ability to speak to the trespasser remotely, the security guard is unable to take any immediate actions. When integrated with video surveillance, an audio system offers actionable insight into security risk that a silent system cannot. In this scenario, with the use of an IP speaker, the system can be fully automated to dispatch audio messages to warn off as soon as an unwanted motion is detected. Audio acting as a security tool and being paired with video is becoming ubiquitous and the industry is coming to understand how audio can enhance security.

Audio for Security

When integrated with other systems such as video surveillance, access control systems and perimeter detection systems, sound and speech systems can play an important part in enhancing the overall security of a facility.

Audio can aid one-to-one, one-to-many, and one-to-all communications during an unfolding security threat event.

Protect your facility

An audio system allows interactive perimeter & asset protection. Staff can trigger warning messages, or issue live instructions if an intruder has made an incursion.

Emergency communication for cities

One-to-one communication between a tourist and a city official during a security threat.

Entry restriction at the door

Secure your building by restricting entrants. With integrated card readers and video feeds, security personnel can, if necessary, directly communicate with people who violate security, e.g., by tailgating.

Use audio to enhance communication for operational efficiency and customer experience

Audio devices such as intercoms have a great purpose in improving communication and supporting your operations. They are perfect for delivering non-critical information such as reminders and instructions to groups of people or individuals in larger and/or multiple areas in user-defined, targeted zones. Live and pre-recorded messages can be mixed with background music and delivered in both scheduled and spontaneous manners, giving the user all the flexibility and easy control they might want.

Audio in General Operations

Communication with the 'eye in the sky' can prove useful in many situations; staff with limited sightlines over areas of operation could be given instructions to save time or communicate issues with an overseer for guidance. With two-way audio in security systems doubling up as an intercom service, task completion will never have been so simple and efficient.

Keep everyone informed

Operational PA, Security, and paging announcements help to keep everyone informed in rail stations, city hubs, hospitals and other public domains. With the possibility of paging, an operator can page for employees in a retail store or security guards in an airport.
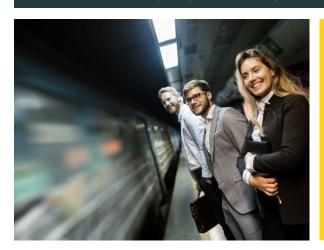
Background music

The purpose of an audio system doesn't need to be exclusive to sporadic security events. Public address and voice alarm systems can be integrated with background music systems, enabling shop owners to increase their return on investment by spending less on combined audio solutions.

Visitor management at the door

An example of integrating access to control and video management systems is the install of an intercom at the door. Entry requires communication between a visitor and an operator. This solution allows the receptionist or an employee to verify and remotely operate the door for a visitor.

Improve the safety of your employees, visitors, and passengers with audio

Urgent safety information such as fire evacuation messages can be quickly and efficiently broadcast via audio to a very large number of people. In cities, schools, or in areas that are under threat of earthquakes or other natural disasters, public address and voice alarm systems can have a role in a larger safety system. With the possibility of running analytics at the edge, such as gunshot detection or glass breaking, audio brings a completely new dimension to your safety measures.

Audio for safety

The innate reality of audio coverage from a loudspeaker system will always reach and alert an entire crowd with more efficiency than a video screen or a visual-exclusive announcement. The added advantage of audio use is that no crowd members must break their visual focus or create a hazardous cluster for line-of-sight over information on a screen; audio systems serve best the requirements for one-to-many announcements, whether they be for casual or critical purposes.

Voice alarm for emergency	**Automated reminders**	**Crowd management**
For life safety operations, PAVA paging announcements help to keep staff informed of emerging situations, ensuring they can respond promptly and appropriately. Evacuation messages and mass notification content can be triggered to direct people away from hazards and to the nearest safe zone or emergency response team.	Automated announcements provide reminders of correct behaviour and possible hazards to customers and clients. They could be triggered in petrol stations to remind against smoking cigarettes on site or remind guests in hospitals to sanitise and wear masks where appropriate.	Paging announcements help staff and visitors get to where they need to be. Control over crowds can be easily attainable and used to direct people away from potential risks and disastrous situations.