zenitel

Zenitel Elevator Communication Solutions

**Integrated provider
for all your Elevator
communication needs**

www.zenitel.com

Safer elevators with our two-way intelligent communication solutions

Elevators are essential modes of transport in modern multi-level facilities. Elevator Communication solutions provide a two-way interface between people using the elevator and security staff. In the event of a lift failure or other security situation, building employees and guests need to be able to communicate with the security personnel. This is now a mandatory requirement for elevator solutions throughout Europe and the Americas, as well as in many places in Asia. This same communication solution can also be used for making announcements or issuing warnings to people inside the elevator.

A modern-day Elevator Communication solution is expected to deliver the following elements:
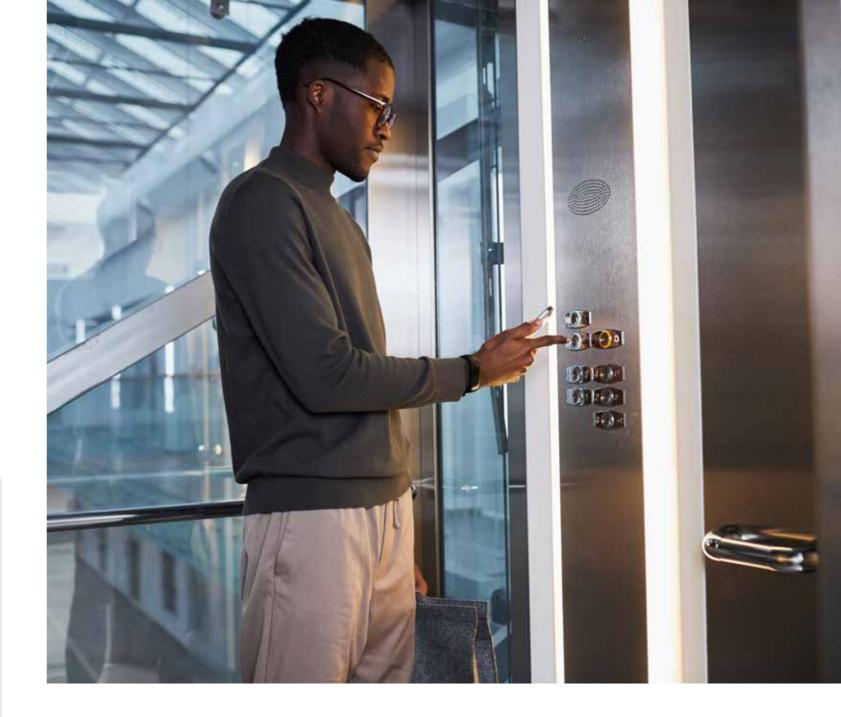
- Two-way audio communication
- Highly customizable
- Integration with two-wire systems
- Integration with push buttons/camera
- Induction loop integration possibilities
- Redundant battery backup
- Integration with access control

Connectivity between shaft and machine room (single shaft and multi-shaft solutions)

- Two-wire connectivity between cabin/shaft to machine room
- Carries IP/Analog communication to alarm center

Connectivity with alarm central

- Wireless connectivity using LTE
- Possibility to also connect with legacy wireless solutions such as 3G
- PSTN / ISDN connectivity

Common **customer needs and challenges** encountered with Elevator Communication solutions:

- ✓ Compliance with international building codes and other national standards
- ✓ Ability to customize solution to blend aesthetics with elevator design
- ✓ Reliability
- ✓ Two-way communication between lift cabin and elevator operating team
- ✓ Cost of migration to IP technologies
- ✓ Remote monitoring capabilities for real time surveillance
- ✓ Solution capacity to meet both emergency and day-to-day operational requirements

Zenitel has a perfect Elevator Communication solution for you!

Zenitel's Elevator Communication solutions offer:

Countless customization possibilities that harmoniously blend with elevator aesthetics

- ✓ Zenitel offers a wide range of audio IP kits, enabling you to build your own elevator communication solution
- ✓ The audio kits support advanced audio features and all modes of operation (ICX-AlphaCom, IC-EDGE, SIP), making them extremely versatile in any operating environment

Smooth migration to IP technologies

- ✓ Thanks to our two-wire-to-IP technology (Flowire), connect the intercom in the cabin to the machine room, without replacing existing two-wire cables
- ✓ The Flowire converter enables Ethernet to run on the same two wires as power, providing simpler cabling and opens for longer cable hauls
- ✓ The Flowire converter can also power Ethernet devices that are attached to it, such as the IP kit and CCTV cameras

A 360° view of your elevator for complete situational awareness

- ✓ Simultaneous live audio, video, and monitoring of alarms provides complete situational awareness of your elevator
- ✓ Zenitel offers a wide variety of integrated solutions, which enable you to send sound and video to almost any security system
- ✓ Our integrations are based on standard and widely accepted protocols such as ONVIF, SIP, and SNMP, which means that you can view and hear a security incident from third-party applications such as VMS client
- ✓ When our elevator intercom solution is integrated with an audio or video analytics system, you receive the automated triggers of any security incident such as gunshots, breaking glass, and verbal aggression

Featured products

Zenitel IP Kits
Build your own customized solution Entry Point solution or empower an existing one with our wide range of IP kits. Gain a competitive edge with the many advanced audio benefits they offer.

Find out more **here**

Zenitel Two-wire-to-IP technologies
Flowire is based on the HomePlug AV power line communications specification, only using 24 - 48 V DC as the medium. It is a network bridge between Ethernet and a PLC link.
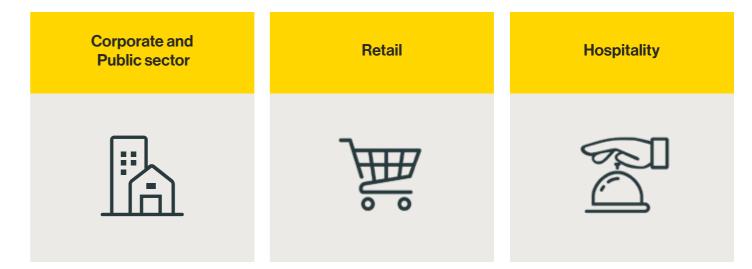
Find out more **here**

Zenitel ICX-AlphaCom Core
ICX-AlphaCom Core provides all your communication needs in a single system. It is easy to extend functionality and system size and designed to be future proof. The system can be tailored to support applications of almost unlimited specificity and complexity.
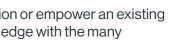
Find out more **here**

Featured segments

For further details on our Elevator Communication solutions, visit our website: www.zenitel.com

Corporate and Public sector	Retail	Hospitality

Zenitel solutions are universally recognized, with millions in use around the globe

Today, you can find Zenitel solutions across entry points at corporate offices, retail centers, warehouses, school, universities, hospitals, parking lots, highways, tunnels and many other industrial and high-security facilities.

Zenitel's solutions have earned a reputation of being high quality, intelligent and easy to integrate with all other safety & security systems, guaranteeing that customers and clients **can hear, be heard, and be understood, every time.**

Visit us at www.zenitel.com to find out more or connect with our teams that are waiting to help you provide a solution to your communication challenge!

Why **Zenitel?**

Zenitel is well positioned to drive the future of intelligent critical-communication solutions. Through our portfolio of IP products & solutions, with built-in intelligence and a focus on cybersecurity, we provide organisations with superior, scalable security and flexibility. Zenitel is the proven, preferred choice for environments requiring crystal-clear audio to ensure the protection of human life, property, assets and the management of critical activities. With interoperability at all levels, we seamlessly integrate with access control, video management and security platforms.