

Clear communication
all the way to take off.

It's all about the people you protect

Your passengers are our priority!

Zenitel communication solutions guide and protect millions of passengers on their journeys. Our technology ensures the highest levels of passenger protection and convenience, from small installations to large multi-terminal facilities, with a focus on safety, security, and information communication.

Our reliable and trusted solutions provide the ability to hear, be heard, and be understood in both operational and emergency situations.



Keep them smiling

Zenitel communication solutions help to improve your passengers' experience from arrival, through to departure, and everywhere in-between.

Enhance communication for your customers and staff, thus streamlining operations.



Flexible. Reliable. Safe.

Protect your assets and keep your passengers and staff safe and secure with our intelligent perimeter protection and communication solutions. Our systems are scalable and can be adapted to meet your individual needs, changing and expanding alongside you.

We are trusted around the globe



Empower your communication potential with Zenitel

Reliable. Redundant. Running 24/7

Zenitel's robust and reliable communication solutions operate with virtually no downtime. With built-in fault tolerance, redundancy and hardware bypass functions, ensure that your airport runs 24/7, with a system that meets the challenges of demanding environments and stringent safety regulations.

Seamlessly elevate the passenger experience

Clear audio communication enables airports to manage crowds, direct passengers and communicate effectively with staff.

Smarter travel with targeted broadcasts

Simple integration with flight information system provides targeted information which enhances the passenger experience and ensures that the right information is being heard by the right people at the right time.

Interactive perimeter and asset protection

Provide flexible and controlled responses for security teams to deal with intruders and communicate in emergencies. Swift and effective responses to security incidents improves safety and enables security teams to have flexible and controlled responses when dealing with intruders and communicating during emergency situations. This leads to rapid and efficient responses to security incidents, enhancing safety and optimizing airport operations.



Zenitel airport solutions in action



Your voice, eyes and ears throughout your airport with Zenitel integrated solutions

Zenitel cover and connect all your communication needs



Public Address and Voice Alarm Solutions

Guarantee that your passengers stay informed and secure by providing high quality live and automated broadcasts.



Intrusion Protection Solutions

Enable interactive perimeter and asset protection at your airport facilities and protect your valuable assets within it.



Emergency Communication Solutions

Enhance airport safety by providing Reliable & intelligent communication in emergency situations.



Airport Control Solutions

Control your passenger information and line monitoring system under one umbrella.

Guide and protect people on their journey

Parking

Deliver reliable passenger communication in real time with audio and video by integrating our video kit into parking machines or barriers.



Departure Hall

Ensure your passengers remain informed with real-time operational and critical information around departure and arrival halls with our PAVA solutions.



Check-in Desks

Full flexibility for check-in desk staff with our unified communication solution. Multi-button telephones allow staff to make live paging calls as well as use them for telephony communication.



Security Gates

Fully customizable information kiosks in the security gates area deliver crystal clear audio and visual messages regarding security screening procedures to streamline passenger flow.



Retail Areas

High fidelity background music even in crowded and noisy environments while allowing prioritized emergency announcements to override the local system.



Boarding Gates

Select any audio zone in the proximity of the boarding gate and enjoy outstanding audibility.



Flight Bridge

With the possibility to address each speaker separately, our IP speaker offers cost effective deployment choice that replace conventional long line PA in the flight bridge.



Arrival Areas

Use our help points at the baggage claim area to speak to an operator regarding baggage information or missing baggage.



Public Address and Voice Alarm Solutions

Guarantee that your passengers stay informed and secure by providing high quality live and automated broadcasts



Challenging Acoustics and Noisy Environments	Eliminate Downtime	Future Expansion and Flexibility	Easy Migration Interoperable systems	Cut costs. Save on equipment
VIPEDIA's Digital Signal Processing provides sophisticated EQ Controls, while Ambient Noise Sensor and noise compensation technology enable broadcast intelligibility to be optimized to cater for varying real-time ambient noise levels.	VIPEDIA's decentralized architecture, built-in redundancy and automatic hot standby systems provide high availability, to keep your airport running, while our unique 'hardware bypass' function enables local emergency microphones to operate even if the central controller is unavailable.	VIPEDIA's future-proof audio-over-IP architecture and modular design simplifies installation and allows systems to grow and adapt as your needs change.	Zenitel systems can readily work with existing third-party PA systems either during a changeover phase or on a permanent basis to manage risk in a predictable way.	VIPEDIA is designed to run both safety critical Voice Alarm as well as high-fidelity background music and public address applications, making it cost-effective, all-inclusive solution.

Recommended products

AUDIO CONTROLLER (VIPEDIA RANGE)

- EN 54-16 IP enabled Audio Controller
- Cost-effective solution for delivering flexible zonal live and automated paging and background music
- High quality audio performance with powerful built-in DSP
- Local connectivity via the Digital Backbone, offering up to a 48x48 routing matrix
- Wide connectivity via the IP, offering connection up to a 32 audio controllers
- Optional Dante™ Interoperability for specialist applications
- Analogue audio and contacts for simple connection to legacy PA systems



POWER AMPLIFIERS (V2000 RANGE)

- EN 54-16 modular power amplifier range
- Maximum efficiency and low quiescent power
- Compact yet powerful 2000W, 10 channel mainframe
- Flexible amplifier options providing up to 150W or 500W
- Dual power supplies (AC and DC)
- Integrated battery charge



PAGING MICROPHONE (MPS RANGE)

- EN 54-16 Gooseneck Operator Panel with up to 50 physical buttons
- IP or analogue connectivity
- Supports live, store and forward and recorded broadcasts
- Dual hosting and hardware bypass
- Optional wall mounting brackets
- Optional fist mic

DYNAMIC AMBIENT NOISE SENSOR (DANS)

- Designed to operate in harsh environment with IP65 rating
- DSP technology to distinguish the ambient noise from the announcement to continually optimize broadcast intelligibility



INTELLIGENT IP SPEAKERS

- Quick and easy extension of a traditional PA system
- Flexible control and management options
- IP Connectivity over existing network infrastructure
- POE powered providing up to 10W audio power
- Finite zoning
- Localised talkback and ambient noise adjustment creating disjointed audio zones



EMERGENCY MICROPHONE (EMS RANGE)

- EN 54-16 Fist Operator Panel, wall mount with up to 50 physical buttons
- Lockable IP 30 enclosure
- IP or analogue connectivity
- Dual hosting and hardware bypass

Intrusion Protection Solutions

Protect the perimeter of your airport facilities and your valuable assets within it



Prevent: Manage or limit access to the protected areas	Detect: Surveillance for identification and suspicious behavior	Mitigate: Enable proactive intervention	Investigate: Easy Migration
Zenitel's cutting-edge help points provide advanced security measures for sensitive areas. Equipped with HD video, these devices enable security personnel to effortlessly verify visitors' faces or badges, ensuring that only authorized personnel gain access to the protected zone. With Zenitel help points, you can rest assured that your sensitive areas are always protected by state-of-the-art security solutions.	Our IP speakers and help points come with built-in microphones and when integrated with audio and video analytics system, it can automatically alert on gunshots, breaking glass or verbal aggression even if the trespasser is out of sight.	Zenitel's IP speaker and help point solutions come with built-in storage for storing pre-recorded audio messages. This enables automatic warning messages to warn off intruders. Staff can also intervene proactively via live instructions, deterring criminals while staying at a safe distance.	Zenitel provides you the flexibility to send audio and video streams from our intercoms and IP speakers to third-party recorders over standard interfaces such as ONIVF to assist police with post-event analysis. Alternatively, use our VS-Recorder software to store audio, video, and other incidents centrally.

Recommended products



IP SPEAKER WITH BUILT IN MICROPHONES

- Cost effective way to protect most vulnerable areas at the perimeter of the airport
- Comes with built-in microphone for intrusion detection and prevention
- Built-in storage for audio messages which can be dispatched based on trigger either locally or via ONIVF

INTERCOM STATIONS WITH AUDIO AND VIDEO

- Hear, be heard, and be understood, and clearly see the faces of intruders when installed at eye level
- Integration with a wide range of VMS solutions makes it possible to view video and audio feeds from our video help points
- Powerful audio technology including high sound pressure, automatic volume gain control, and active noise echo canceling



Emergency Communication Solutions

We enhance airport safety by providing quick and efficient emergency management for staff



Ability to see, hear and communicate in real-time with a person in distress or other emergency situations	Meet local and international regulatory requirements	Able to meet the needs of people with disabilities
<p>Zenitel help points deliver unmatched audio and video quality during emergency communication. With Automatic Volume Control, ambient noise levels are continuously monitored, and audio is adjusted intelligently to ensure passengers hear every word. The Active Noise Reduction feature eliminates background noise, ensuring operators hear passengers with utmost clarity. Trust Zenitel help points for reliable emergency communication.</p>	<p>Zenitel solutions help you comply with international and local regulations and building codes. Our customizable audio and video IP kits allow you to create tailored passenger help points that meet your specific needs. These kits offer the same advanced audio and video features as our off-the-shelf help points, ensuring top-notch performance and reliability. With Zenitel, you can build the ideal solution for your facility, without compromising on quality.</p>	<p>At Zenitel, we prioritize accessibility for all passengers. Our transportation help points are designed with compliance to accessibility norms, featuring audio induction loops for the hearing-impaired and custom front plates with braille and engraved symbols for the visually impaired. Additionally, our Public Address and Voice Alarm applications can be easily integrated with third-party hearing loops. Trust Zenitel for inclusive transportation solutions.</p>

Recommended products

ICX 500 CONTROLLER

- Made to provide critical communication in any environment
- Dual software images for system robustness and low downtime during software upgrades
- Secure boot, hardware Root of Trust - RoT
- High quality professional PA broadcasting and messaging services
- Security voice guidance for airport security

CUSTOMISED HELP POINT STATION THAT MEET YOUR NEEDS

- Wide range of audio and video IP kits, which can be used to build customized passenger help points to fit your exact needs

INTERGRATION WITH COMMUNICATION TOWER

- Our help points can easily be integrated into the communication tower

Airport Audio Control Solutions

Control and supervise all of your audio systems through a single and intuitive front-end



Help your staff make decisions in an emergency	Reduce equipment disruption	Flexible solution architecture
<p>Our security solutions are equipped with a simple and intuitive 3D interface that will help your staff make correct decisions in an emergency.</p> <p>It prioritizes and classifies alert events routing them to the relevant officer who can then easily choose an adequate action: make an announcement via the public address or voice alarm, pan a camera or zoom in on the desired area.</p>	<p>Intelligent alarm handling significantly reduces our equipment's downtime and maintenance costs. In case of failure, contingency plans are automatically enacted where necessary. All halting alerts are accompanied by detailed diagnostic information along with suggested actions to take.</p> <p>With a single click, the operator can see the affected equipment or rack location. Two levels of alarm information are available: low-level-detailed for the maintenance team and summary-level for operational staff.</p>	<p>Flexible hardware architecture enables us to adjust our solutions to all your specific needs. Our iVENCs airport Control Solution can be run on any number of operator workstations with multiple redundant servers deployed either locally or at a remote location. Additionally, our solution could be virtualized in an organization's data center.</p>

Recommended products

VIPA-WS

- Public Address touch screen workstation
- Integrated client server
- IP connectivity
- Providing flexible control and monitoring of the PAVA System
- Scalable up to 384 zones
- Support multiple user accounts
- Customisable 2D button or graphical GUI
- No ongoing license costs

iVENCs

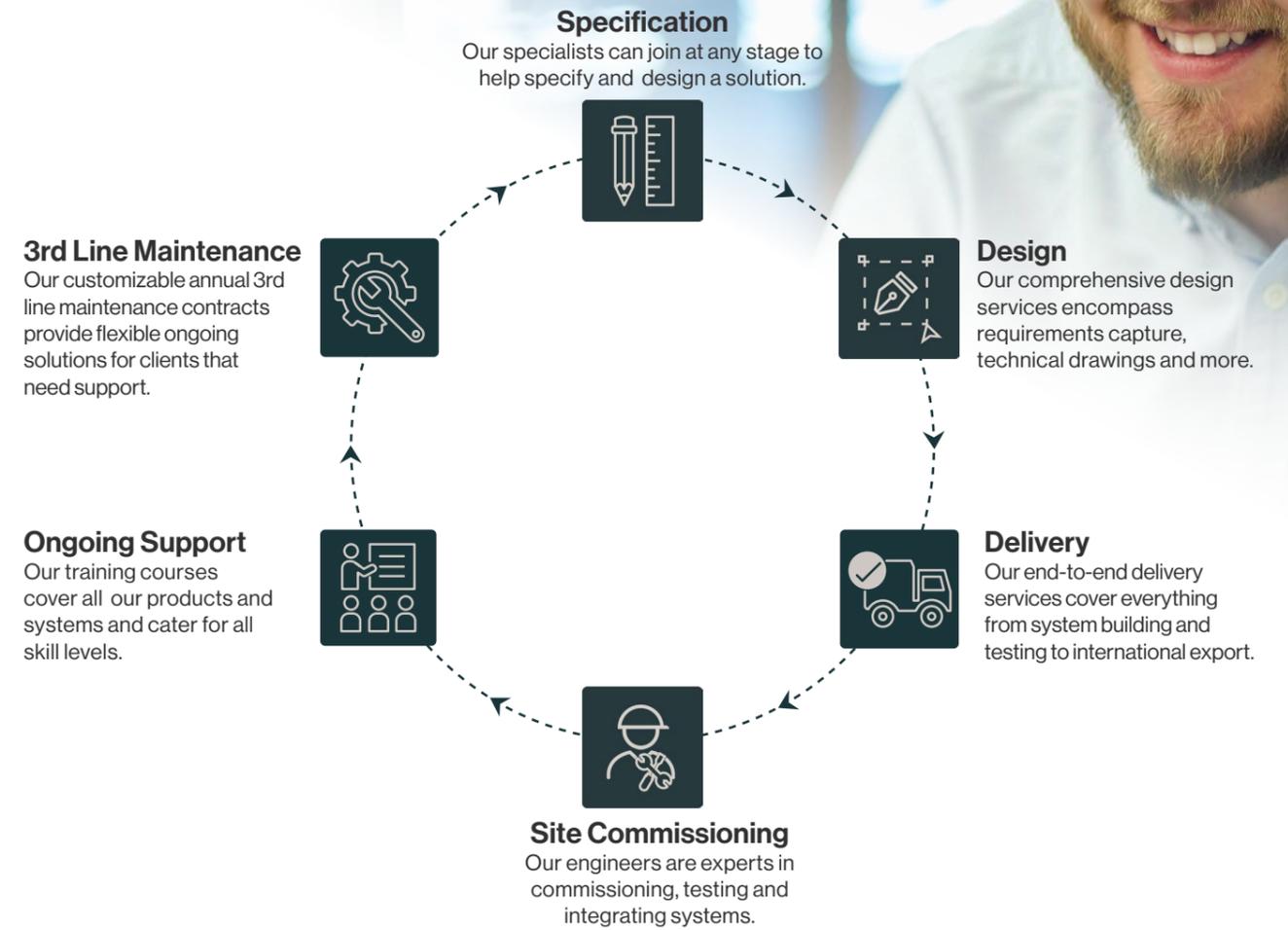
- Award-winning Open and intuitive integrated management platform
- Offering comprehensive control, monitoring, and incident analysis across various subsystems, typically the PA system
- Modular system architecture; easily expandable
- IP connectivity
- Customisable 2D GUI or powerful true 3D model
- Remote Condition Monitoring
- Cross-platform support
- Optional customer site-specific integrations
- No ongoing license costs

^{*)} Available soon in the Americas market



Supporting you all the way

When it comes to transportation solutions, Zenitel's product reliability, range, and quality are unparalleled. But what truly sets us apart from the competition is the comprehensive range of services and support that we offer.



Begin your journey with us

Get in touch with our team of experts:
zenitel.com

Peace of mind with proven and trusted communication solutions

With over 125 years of experience and thousands of successful roll outs of transportation solutions, Zenitel has a proven track record of delivering on customer expectations and helping them with ensuring the safety, security and well-being of both the staff and the passengers.

Though a strong reputation for delivering reliable products and services, Zenitel is trusted by many Airport facilities worldwide with ensuring the safety and security of their employees, assets, and critical infrastructure.

Selected References

Gatwick South Terminal, UK

Zenitel have designed a solution that utilizes PAVA and high-fidelity music distribution.

Oslo Airport, Gardermoen, NO

Zenitel was the first choice for flight tower communication towards the command center at Røyken providing superior audio quality across the airport entrance.

Malta Airport

Zenitel delivered an innovative new turnkey networked PAVA solution with centralized control.

Incheon Airport in South-Korea

Zenitel provides high quality audio communication systems to one of world most busiest airports, and ensures all communications are delivered.

Public Address & Alarm products availability in the Americas market is pending.