

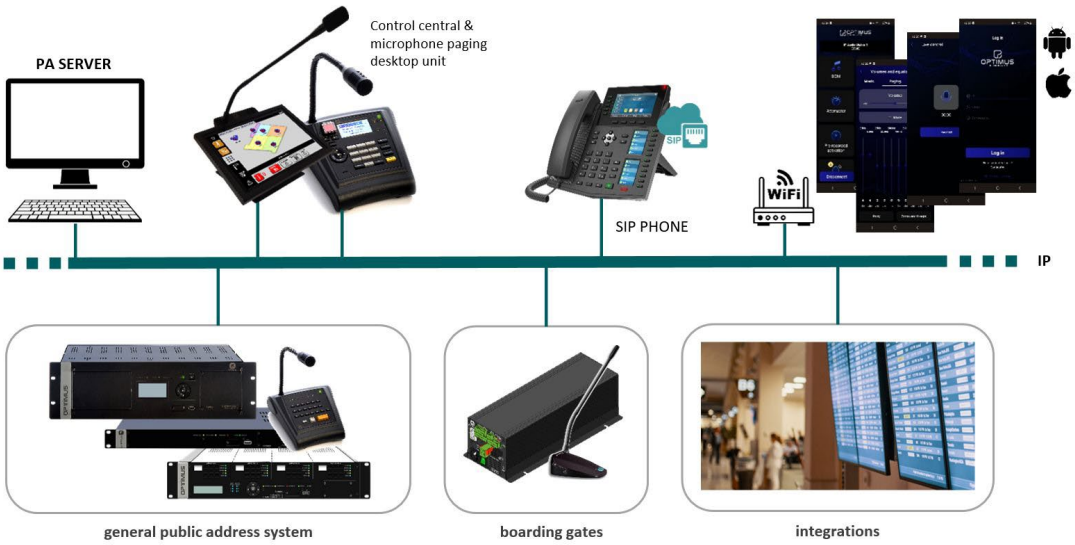
OPTIMUS
SOUND INNOVATION

AIRPORTS

In a dynamic environment like an airport, public address is key to ensuring safe, effective communication and efficient passenger flow management. Public address systems enable the broadcasting of clear, segmented messages across multiple zones, from waiting areas to boarding gates, ensuring that information reaches its destination with complete precision.

Thanks to their modular and flexible design, these systems allow for constant monitoring and centralized control from computers or paging stations, facilitating the management of operational and emergency announcements. Furthermore, their integration with other airport systems enables the coordination of evacuation protocols, complying with safety regulations and improving response in critical situations.

With reliable public address, airports optimize their operations and enhance the traveler experience, guaranteeing safety and efficiency in every message.



Example of a system for an airport



KEY FUNCTIONS

- **Emergency Evacuation**: In case of fire, natural disaster, or other emergency, the public address and voice alarm system is used to deliver clear and concise instructions to facilitate a safe and orderly evacuation of the airport.
- **Flight Information**: Our equipment provides passengers with up-to-date information on flight departures and arrivals, gate changes, and other travel-related announcements.
- **Operational Communications**: Airport staff use our public address and intercom systems to communicate with each other for operational purposes, such as coordinating ground operations, security alerts, and maintenance activities.
- **Paging**: Our public address systems allow people, including lost or missing passengers, to be searched for and located within the airport.
- **Music**: Besides emergency and operational communications, our sound systems provide background music and other audio content to create a more pleasant atmosphere for passengers.

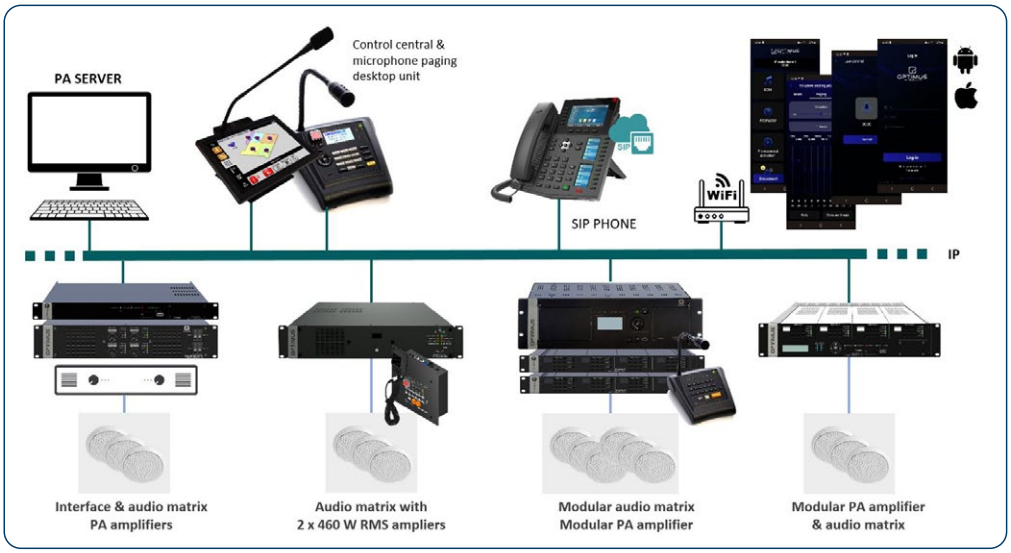


KEY FEATURES

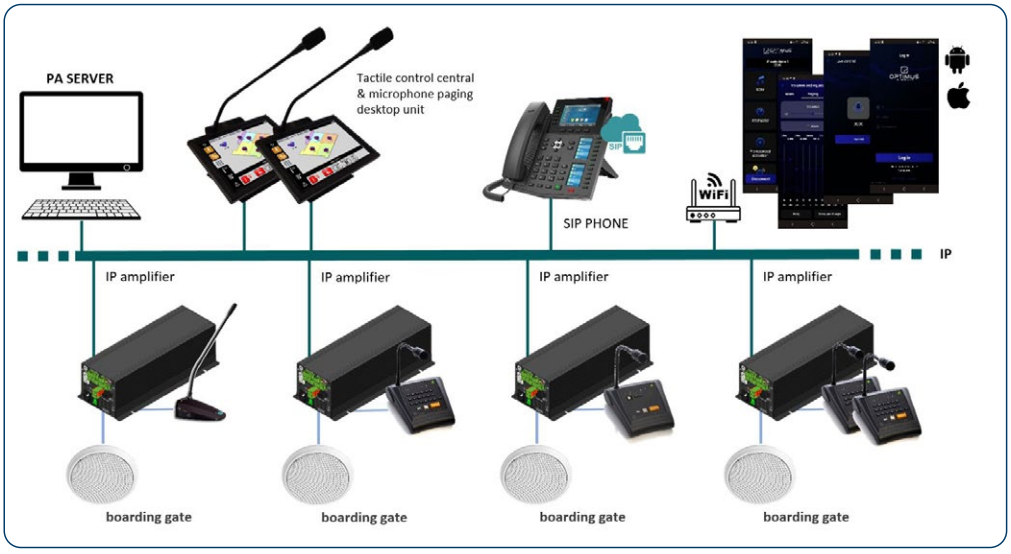
- **Clear and Intelligible Audio**: Advanced audio technology ensures that messages are transmitted clearly and intelligibly, even in noisy environments.
- **Zone Paging**: These systems allow for targeted messaging to specific areas of the airport, such as gates, terminals, or concourses.
- **Integration with Other Systems**: Our public address and voice alarm systems integrate with other airport systems, such as fire alarm, security, passenger information, and building management systems, to provide a comprehensive and coordinated emergency response.
- **Reliability**: All equipment along the critical audio signal path, from the microphone capsule to the loudspeaker, is constantly monitored.
- **Redundancy**: Redundancy is built into the design of our equipment to ensure continuous operation, even in the event of a power failure or other system failure.

EXAMPLES

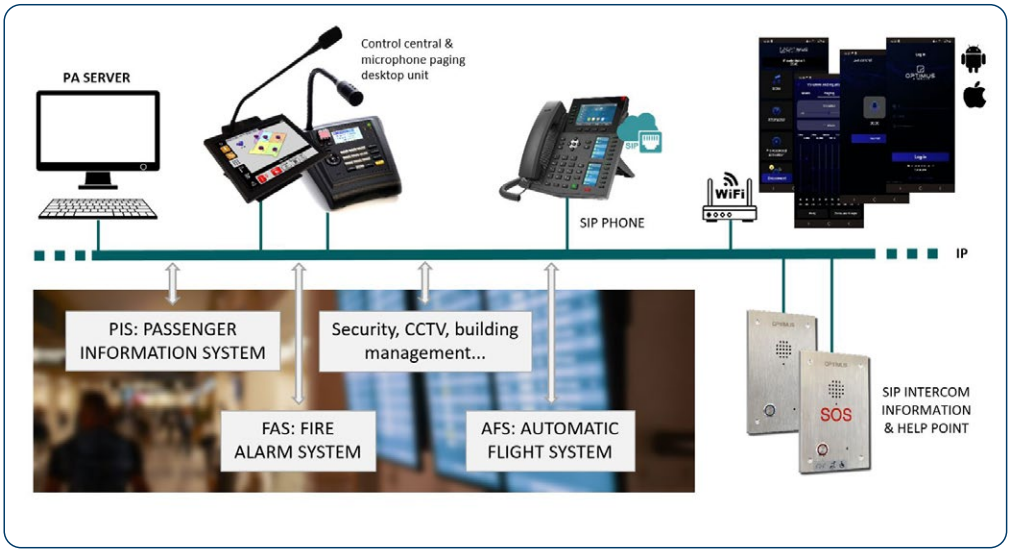
General public address



Boarding gates



Integration



Our public address, intercom, and voice alarm systems **ensure safety** with clear information during emergencies, **enhance the passenger experience** with accurate announcements, and **optimize operational efficiency** by facilitating communication between staff and travelers.

Some reference projects where our solutions have been installed:w

AIFA AIRPORT
Mexico City, Mexico



URUGUAY AIRPORTS
Uruguay



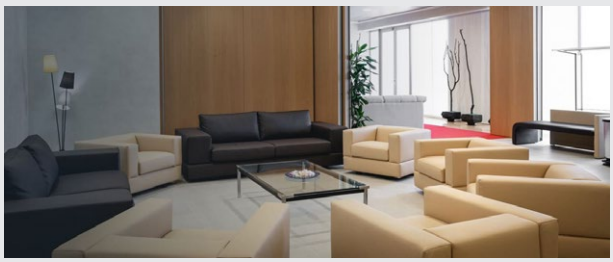
MALPENSA AIRPORTS
Milan, Italia



BARAJAS AIRPORT
Madrid, Spain



PREMIUM VIP LOUNGE
Palma de Mallorca, Spain



DJIBOUTI-AMBOULI AIRPORT
Djibuti



EL PRAT AIRPORT
Barcelona, Spain



SAN SEBASTIÁN AIRPORT
Guipuzcua, Spain



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OPTIMUS S.A.
C/Barcelona 101
17003 Girona (Spain)
(+34) 972 203 300

www.optimusaudio.com