

CASE STUDY

Healthcare



Market Segment:

Healthcare

Country of Installation:

Pisa, Italy

Year of Expansion:

2009

End Customer:

Pontedera (PI) Hospital, Felice Lotti

System Integrator:

T.P.M.

Solutions:

Emergency and operational communication for medical staff and visitors Public Address Integration with 3rd party systems

Kev Products:

IP Intercoms for Cleanroom Operator microphone for control room IP Speakers IP Audio integration kit Vandal resistant intercom

Key Technology:

An end-to-end IP based critical communication platform for operational, security, and safety communication needs

Zenitel helps streamlining operations at Pontedera Hospital

The End User

The Felice Lotti hospital is located in Pontedera, in the province of Pisa, serving healthcare needs for approximately 110,000 inhabitants. The Lotti Hospital is part of the "Hospitals that promote health" (HPH) project and the "Bollini Rosa" program of the National Observatory on Women's Health (O.N.Da), which has awarded it as a hospital "close to women."

The Requirement

The customer wanted a single critical communication platform that caters to their operational, security, and safety communication needs, inside and out. To enhance security in vulnerable areas such as parking, the customer requested video-reinforced communication to see and react swiftly. Additionally, since the hospital sprawls across multiple buildings, medical staff needed a communication solution that works seamlessly across buildings to coordinate daily operations.

This critical communication platform should also integrate seamlessly with other 3rd party platforms such as DECT, PABX to enhance cohesion across hospital personnel.

The Solution

At the core of Zenitel's solution, Alphacom XE servers offer comprehensive communication services, meeting customer needs for operational, security, and safety communication. With the ability to scale seamlessly, Alphacom XE was the apt choice for meeting growing customer needs.

Vandal-resistant IP video intercom at the parking facility delivers two-way audio and video communication between visitors and control room staff, serving their informational and emergency communication needs with the push of a single button. Designed for tough environments such as parking, Zenitel's vandal-resistant series intercoms are durable and resilient.

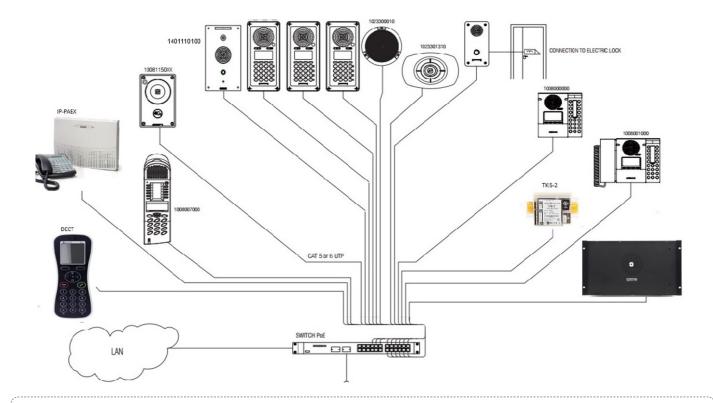
IP speakers across the hospital facilities deliver exceptional voice quality for pre-recorded and live messages, assisting hospital daily operations to run smoothly. With integrated microphones, IP speakers have the potential to turn hospital security from reactive to proactive.

IP audio intercom across the hospital facility, such as elevators, waiting rooms, etc., delivers two-way emergency communication between hospital and security personnel. With an integrated 10W amplifier, Zenitel's IP audio intercom also delivers public address announcements, eliminating the need for a separate PA system in those areas and therefore cutting costs.

Integration with DECT system allows operators to manage calls and alarms while they are on the move.

The Result

Zenitel has delivered a unified platform that manages all critical communication needs under one umbrella. Using a single operator telephone, the hospital security personnel are now able to manage operational, security, and safety communications. This gives a seamless experience for the hospital staff and helps them streamline hospital operations better. With over 100 years of experience in audio, Zenitel products deliver exceptional audio quality that exceeded customer expectations. With the ability to dynamically adjust the audio to suit the environment, Zenitel audio intercoms and IP speakers play a vital role in ensuring a safe and welcoming experience for visitors and medical staff at the hospital.



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 organizations with superior, scalable security and fl xibility. 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

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