



Never Miss a Beat
with Zenitel's Healthcare
Solutions

Navigating Healthcare Challenges and Opportunities

Healthcare facilities have the tall order to manage stressful situations from a high number of emergency services, staff, patients, and visitors. This poses many challenges to the facility owners.



Address staff shortage and burnout

With rising staffing shortages and burnout among healthcare workers, facility owners need to seek more innovative approaches to automate or re-imagine current responsibilities of medical staff.

An integrated security and communication solution can identify the security vulnerabilities proactively with the use of technologies such as AI and take proactive measures, allowing medical staff to focus on critical tasks and save life.



Reduce response time

Reducing response times in healthcare is critical, as each second reduction has been linked to a 0.7%²⁾ decrease in overall patient mortality risk.

Communication solutions that are integrated with security systems can help to enhance situational awareness and help hospital staff to take swift actions.



Secure people and assets

Healthcare staff face workplace violence four times¹⁾ more than other fields.

Audio analytics can play a vital role in proactively identifying verbal abuse towards medical staff. With interactive communication, security personnel can intervene remotely, helping to diffuse the situation.



Manage budget challenges

Healthcare leaders have the immense pressure to save costs, while addressing growing demands.

With integrated critical communication solutions, healthcare facilities have the possibility to consolidate the security infrastructure and stretch their budget further.



Need for a tested and proven solution

The spread of germs in hospitals results in staff and patients contracting healthcare-associated infections, resulting in additional costs.

This challenge calls for frequently touched surfaces in clean room facilities, such as communication devices, to be anti-bacterial and chemically resistant for easy cleaning.

^{*)} References


[1\) Response time](#)

[2\) Secure people and assets - source 1](#)

[2\) Secure people and assets - source 2](#)

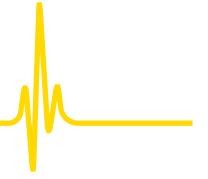
[3\) Staff shortage - source 1](#)

[3\) Staff shortage - source 2](#)



“A global shortage of 12.9 million³⁾ healthcare workers by 2035 will **strain the hospital workforce and cause staff burnout.**”

Making hospitals safer, secure and more efficient

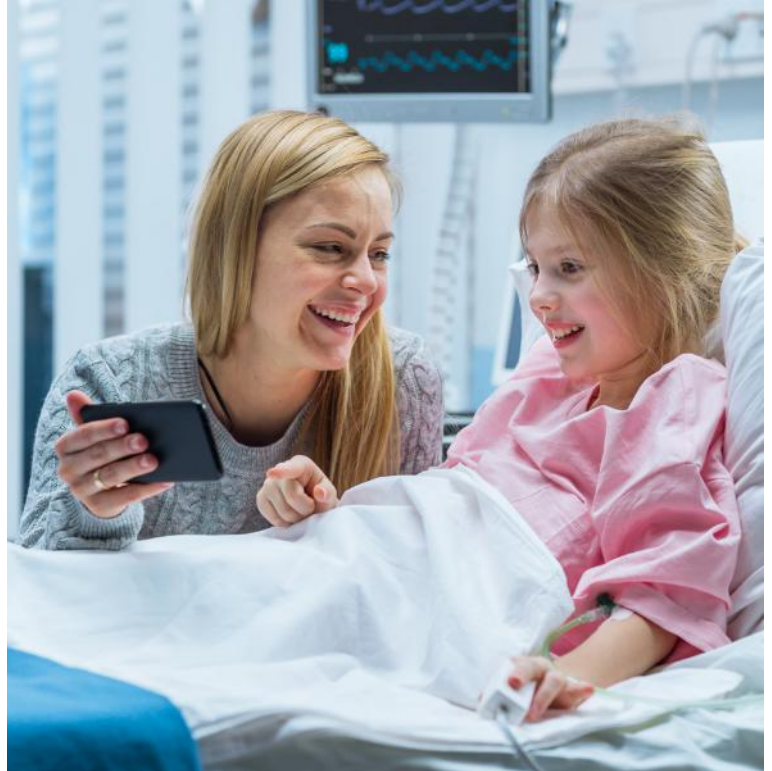


ELEVATE PATIENT CARE

with Zenitel's Healthcare Communication Solutions.

Zenitel's HD Video and two-way audio solutions in patient wards ensure unparalleled clarity, allowing patients to receive the care that they deserve.

Hospitals that put patient care at their core can count on Zenitel solutions for reliable and round-the-clock patient care with video and audio monitoring throughout the healthcare facility. Seamless integration with nurse call systems and Video Management Systems (VMS) ensures a safer healthcare environment and improved overall patient well-being.



SECURING PEOPLE AND ASSETS

with Zenitel's interactive door entry solutions.

Hospitals can restrict access to sensitive and critical areas with visual and auditory verification with Zenitel's HD video door entry intercoms.

With integration to access control systems, Zenitel's door entry solution provides security teams with issues alerts, allowing hospitals to respond promptly to security incidents and deter security threats. This ensures a safe and secure environment for patients, visitors, and the medical staff.





TESTED AND PROVEN SOLUTIONS

with Zenitel's proven communication solutions designed for healthcare.

Zenitel's clean room communication solutions are designed to meet the requirements of ISO 14644- 1, which means they are safe for use in operation theaters and other clean room areas. In addition to high availability and reliability, Zenitel's cybersecurity measures provide robust defense against cyber threats, ensuring a secure and uninterrupted healthcare environment that you can trust.



STREAMLINE HOSPITAL OPERATIONS

with Zenitel's audio integrated into security solutions.

Take advantage of Zenitel's audio solution integrated with other security platforms, like video management and surveillance, access control, and building management systems to automate the security workflow and maximize staff efficiency. When emergencies require swift action, the integrated security solution ensures you can tap into your entire communication infrastructure to coordinate response and inform medical staff, patients, and visitors.

ACHIEVE OPERATIONAL EXCELLENCE

with Zenitel's unified critical communication platform.

Hospitals that rely on proficient critical communication can put their trust in Zenitel's Public Address and Voice Alarm (PAVA) Solutions.

Its seamless integration with other Zenitel solutions, such as intercoms and IP speakers, greatly increase the efficiency of critical communication for facility operations. Improve your security team's response time, because every second is critical in ensuring patient safety and operational excellence. Zenitel's unified communication platform allows you to manage all your communication and emergency responses under one platform.



Zenitel's healthcare solutions help you **at every step of the way**

Tested and proven unified critical communication solutions for enhancing patient care, safeguarding people, securing assets, and streamlining operations.

Zenitel and our trusted partner's expertise and experience help you solve your hospital challenges.





Seek emergency help from Operation Theatre



Safety announcements throughout the hospital



Limit access to critical areas



Keep an eye on hospital security



Emergency communication with paramedics



Never miss a beat with Zenitel's unmatched clarity, dependability, and interoperability.



KEEP EMERGENCY ENTRANCES CLEAR

Hospital emergency entrances have to be clear of obstruction all times to deliver best care for critically ill patients. Periodic prerecorded messages using IP Speakers can remind people to keep this area clear. With the possibility to do a live call out, security personnel can intervene when further escalation is needed.



SWIFT ACTION TO PATIENT EMERGENCIES

A delay in response to patient emergencies such as falls can have devastating consequences, and every second counts in saving their lives. By bringing intercom into your security mix, you can automate the emergency response workflow to notify the medical staff about the patient fall and to take swift actions.



EMERGENCY COMMUNICATION WITH PARAMEDICS

In a life-and-death situation, proactive measures by medical staff can save precious human life. With the integration to TETRA radios, medical staff in the hospital can proactively communicate with paramedics using Zenitel's IP Clean room station.



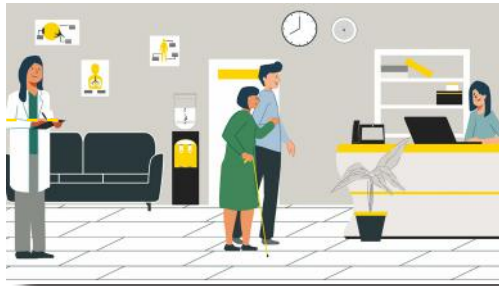
SEEK EMERGENCY HELP FROM OPERATION THEATRE

Clear communication plays a pivotal role in life and death situations inside an operation theatre. Zenitel's cleanroom intercom is specially designed for a cleanroom facility to provide surgeons with uninterrupted consultations with specialists in non-sterile areas during surgical operations.



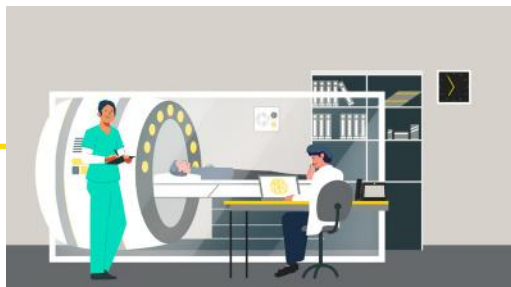
CARE FOR PATIENTS REMOTELY

Giving a sense of connectiveness can improve a patient's mental well-being. Zenitel's IP video intercoms can be integrate to a nurse call system, so patients can initiate a two-way HD video communication to express their needs right from their bed.



DELIVER OPERATIONAL MESSAGES FOR VISITORS

Give a welcoming experience for visitors and patients with high-quality and responsive audio from Zenitel. Using a single IP desk telephone, manage your operational and safety communication needs, and streamline the management of visitor entry.



INTERACTIVE COMMUNICATION BETWEEN STAFF AND PATIENTS

Medical scanners, such as MRI/CT, create a claustrophobic environment for patients. In such situations, a two-way communication between the radiologists and the patient gives the comfort they need. With a panic button in the chamber remotely connected to Zenitel's intercom, patients can now initiate a two-way communication with the radiologist.



LIMIT ACCESS TO CRITICAL AREAS

Pharmacy and labs in hospitals are most vulnerable to theft with thousands of people going in and out of hospitals. Zenitel's TEIV-4+ is an all-in-one IP intercom, consisting of an access card reader, video, and audio, and it can bring interactivity to your door entry. While restricting access to the sensitive areas, security personnel can remotely manage any potential trespassers.



SAFETY ANNOUNCEMENTS THROUGHOUT THE HOSPITAL

Emergencies can arise anywhere within the hospital premises. Zenitel's multi-purpose PAVA solution delivers on your emergency communication needs such as Code Blue as well as life safety communication needs including fire evacuation, and therefore, saving costs and streamlining hospital operations.



KEEP AN EYE ON HOSPITAL SECURITY

Give your security team the ability to manage all safety and security incidents from a single terminal. Take advantage of Zenitel's integrated solution with other security platforms, like video management and surveillance, for increased situational awareness throughout hospital facilities. With Zenitel, a world-leading security solution provider, you can now automate the security workflow and maximize staff efficiency.

Unified critical communication solutions for healthcare facilities



IP Speakers for interactive and immediate response

HD Video intercom for patient communication

Tested and proven clean room intercom

Empower your security staff to manage security violations remotely by adding interactivity through Talkback and Ambient Listening functions of the IP speakers.

Integration over open protocols such as ONVIF and SIP makes it possible to broadcast audio directly from the security systems to Zenitel devices to respond quickly to what you see and hear.

With the possibility to connect nurse call cord, Zenitel's HD Video intercom in critically patient wards allow patients to initiate two-way communication with medical staff remotely with a touch of button right from their bed.

With the possibility to integrate with your security system such as video management, medical staff manage all their communication needs remotely from a single console.

Zenitel's clean room intercom has a completely flat frontplate without any holes to minimize bacteria accumulation, making it an ideal choice for your clean room communication needs.

Excellent voice quality from the intercom makes it possible for medical staff to listen and talk at a distance, as well as to initiate a Code Blue for emergencies without needing to take off their gloves.

“Never miss a beat
with Zenitel's unmatched clarity,
dependability, and interoperability.“



Centralized communication for better safety and security

With out-of-the box integration to other security systems, manage and control all your security assets, including audio, from a single point.

Centrally manage all your communication needs from a single terminal and dispatch live warning, prerecorded messages, and two-way communications.

Public Address and Voice Alarm Systems for peace of mind

A high-performance audio platform that is fully certified for life safety application such as EN54-16, makes Zenitel's PAVA solution suitable for making daily operational announcements, while delivering a dependable audio during voice assisted emergency evacuations.

With seamless integration to other critical communication solutions such as IP Speakers and Intercoms, you can now consolidate all your critical communication infrastructure under one platform and therefore Zenitel is helping you to streamline your daily hospital operations. power fluctuation, ensuring safety for all patients, visitors, and staff during an evacuation.

Critical Communication Gateway for safety and security

Zenitel's ICX-AlphaCom is a scalable, server-based platform that enables advanced communication management, integrated with security applications.

With API's, ICX-AlphaCom has been integrated with market-leading security systems such as video management, access control, and communication systems, providing hospital teams with increased situational awareness.



Peace of mind with **proven and trusted communication solutions**

With over 150 years of combined audio experience and thousands of successful deployments of communication solutions for Healthcare facilities, Zenitel has a proven track record of delivering on customer expectations and helping them with ensuring the safety, security and well-being of the patient, the visitors, staff and assets.

Selected **References**

Barraquer Eye Hospital, Dubai
Potchedera Hospital Felice Lotti, Italy
Sykehuset Østfold, Norway

Make a smarter choice with Zenitel's Communication solutions

Hospitals



Clinics



Assisted Living Facilities



**Learn more about Zenitel's
Healthcare Communication Solutions**

zenitel.com/healthcare-communication-solutions