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Hikvision Solutions for Hospitals

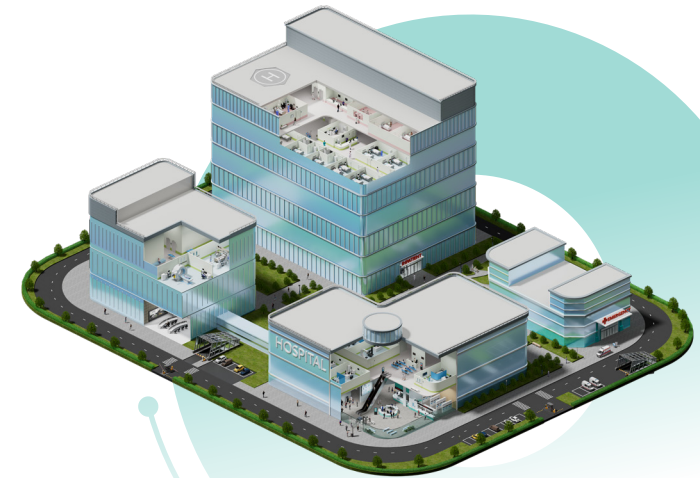
Smarter Care, Superior Operations

• OPTIMIZE CARE AND THE PATIENT EXPERIENCE

Patients and their families need their hospital experience to be one that minimizes wait times every step of the way.

That's why a seamless experience through parking, navigation, information services, and in-patient care is at the core of your everyday operations.

And with Hikvision's solutions for streamlined parking, digital information display, and technology-assisted care, you'll be able to deliver an intelligent, patient-centric experience the moment you set them up.



Running a hospital requires strict attention to detail, the ability to resolve problems as soon as they arise, and keeping critical equipment running at all times – with patients at the heart of the whole operation.

Today, to give patients a better sense of security and to further cultivate your success, you need to free your staff from “non-value-adding” tasks so they can focus on their critical patient-centered activities. Then, they move from providing adequate care to providing excellent care. And perhaps on more than one occasion you have considered updating or optimizing your facility's operations.

But how do you do it?

Read on to see how Hikvision's answer to this question can help your hospital.



Hassle-free Parking for Patients and Visitors upon Arrival

With a high volume of visitors, hospital car parks require greater efficiency in vehicle authentication, payment management, and entry or exit queues at peak times.

With Hikvision's streamlined parking solution, hospitals can create a fluid parking flow for both patients and staff.

Hikvision's Streamlined Parking Solution

- Fast authorized entry via intelligent barrier and Automatic Number Plate Recognition (ANPR) Camera, allowing fluid passage at the gate
- Parking Guidance Camera helps drivers quickly find a vacant parking space
- Flexible and simplified payment methods for parking fees, online and off



Provide Directions and Medical Tips on Digital Signage



In the complex environment of a hospital, it's easy to get lost and anxious looking for a department or unit. Installing digital signage for maps and directions ensures that patients and their families are not confused and stressed.

More than that, indoor displays are among the best tools for educating patients with medical and healthcare tips. Statistics show that most patients receive health information through a hospital's digital signage. Hikvision's displays can be conveniently installed at lift entrances, waiting areas, consultation rooms, and other high-traffic areas to spread valuable health knowledge.

Add an Extra Layer of Care with Smart, Connected Devices

Nurses can feel stretched in all directions to make sure everything works the way it should. The problem is that they could have several patients to care but only have one set of hands.

How can they be sure patients in the ward are stable, safe, and comfortable? How can they optimize their response times in an emergency? These questions are critical because even a slight change can mean a great deal.

Now, the pressure on medical staff can be relieved using an intelligent care solution provided by Hikvision. **With smart, connected devices, caregivers have an overview of their patients' status and are able to respond in a timely manner.** Upon an alert, they check remotely first, then decide how they need to respond – greatly improving their work efficiency.

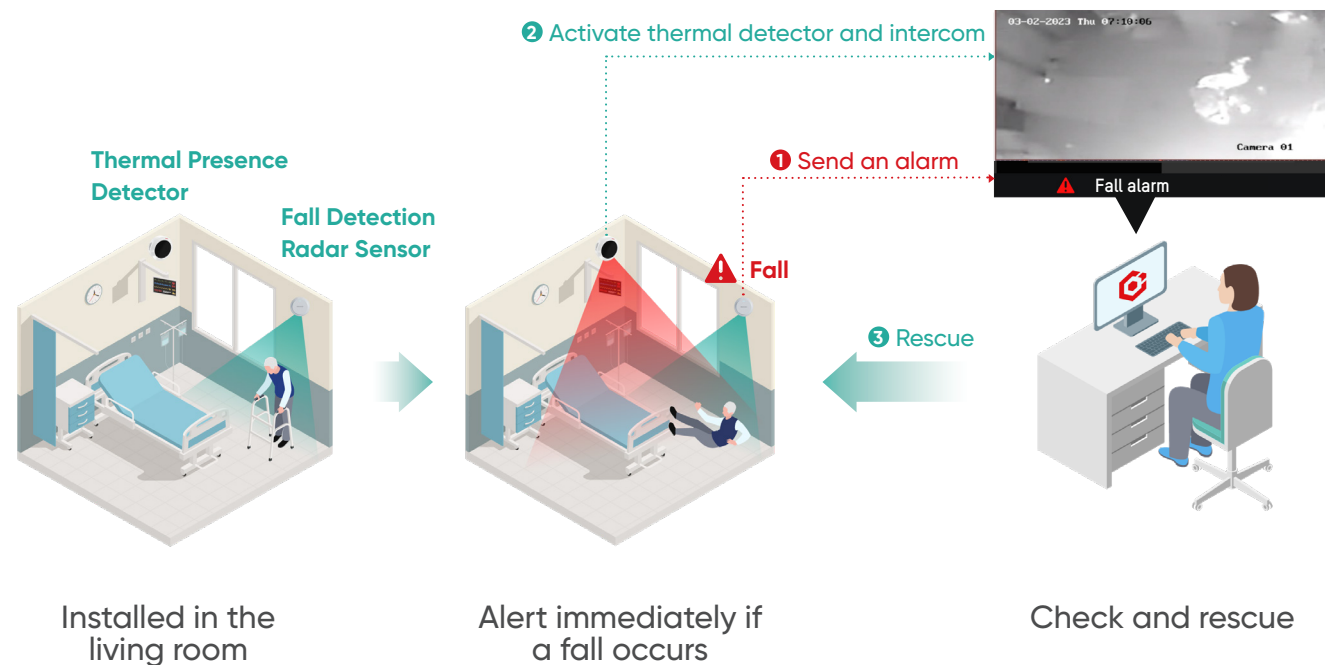


Faster aid after a fall

In-patients are highly vulnerable to falls during their recovery period. Hikvision's **Fall Detection Radar Sensor** automatically detects a patient's fall and instantly reports the accident to the nurse station for support, assisting with the best time to administer aid. The **Thermal Presence Detector** in the ward provides a thermal

video clip that captures human shapes, but not personal details, for double-checking the incident. Combining non-intrusive radar and thermal technologies, this solution maximizes the protection of a patient's health and privacy.

Fall Alarm



Remote checks on patient status

Constant room and ward visits by nurses and doctors can be a drain on resources.

Here, radar and thermal technologies can keep caregivers updated on many patients at once, providing several types of alarms dedicated to specific risks while protecting each patient's personal privacy.

Nurses at the station can pinpoint problems on an intuitive dashboard, prioritize tasks, and make targeted visits to the wards.

Overstay Alarm



Intrusion Alarm



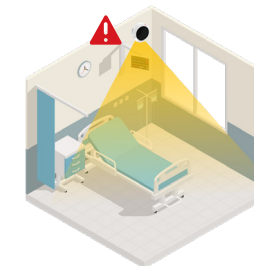
Noise Alarm



Out-of-Bed Alarm



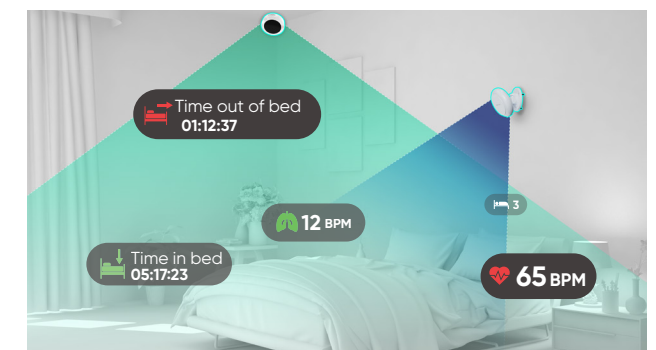
Out-of-Room Alarm



Auxiliary care made simple

In general wards, Hikvision's **Auxiliary Care Radar Sensors** can be ceiling- or wall-mounted to collect basic health indicators such as heart and breathing rates, total sleep time and sleep quality in a non-contact manner.

As a supplement to advanced medical equipment, this auxiliary solution provides a wealth of data on patient signs and symptoms in a highly cost-effective way.



EVOLVING YOUR FACILITY OPERATIONS

Hospitals need to be prepared for anything.

Security staff must have situational awareness in every corner of the site, inside and out. They need to respond to incidents and get things back to normal as quickly as possible. This can mean repeated patrols in the field and watching over a large number of video feeds at once.

But now, with the help of devices empowered with AIoT technology, you can keep your facility running safely, smoothly and at peak efficiency.

Upgrade to More Intelligent Video Security

Today's security cameras can do more than just capture video. When equipped with deep-learning algorithms, they can also analyze objects and events in their field of view 24/7. From parking lots to corridors and lobbies, Hikvision provides advanced, AI-enabled cameras that adapt to each situation, assess risks, and send automated alerts, eliminating the need for constant video monitoring.



Rehabilitation centers

Fall Detection Cameras, equipped with a dedicated algorithm, detect movement such as patients falling and immediately alert staff for timely response.

Corridors

AI-powered Cameras give you a full view of the corridor without losing any detail, while also using a built-in intelligent algorithm to identify objects that might block a vital passageway.



Prep rooms

Intelligent Cameras automatically detect personal protective equipment (PPE) such as sanitary scrubs and hats.

Lobbies

People Counting Cameras at the lobby automatically count numbers of visitors and monitor occupancy rates in real time, helping ensure compliance with health regulations.



Perimeters

Thermal Cameras protect extended perimeters regardless of weather and light conditions, while **AcuSense Technology** automatically detects and deters trespassers that appear in the camera's field of view.

Make a Difference with Proactive Fire Protection

Hospitals typically face unique fire risks such as flammable medical materials including alcohols, instruments operating at full capacity, overused power sockets, and others. Such risks threaten the safety of everyone – including vulnerable patients – and can bring the whole facility to a standstill.



Laboratories



Power distribution rooms



In-patient wards

The best way to protect residents and staff from these risks is to stop a fire the moment it starts. Here, you need proactive fire protection tools like Hikvision's **Thermographic Cameras**, which detect temperature anomalies 24/7 with ultra-high sensitivity and automatically alert security staff before a flame has even started.

Tap into Better Methods of Access Control

The special environment of hospitals requires strict management of assets such as expensive medical equipment, controlled drugs, pharmacy-only medicines, and computers and files with patients' private information. For example, it is critical to ensure that only authorized pharmacists have access to the pharmacy.

Hikvision's **MinMoe Face Recognition Terminals** provide fast and convenient access through highly accurate biometric technology. Moreover, they enable a hygienic, touchless means of access, which is safer for areas such as intensive care units (ICUs), operating zones, and pharmacies.

When needed, these terminals can also be used for time and attendance management.



Pharmacies



Surgical areas



ICUs

Get a Whole New View of Your Facility



Hospitals often have separate buildings for out-patient care centers, in-patient wards, emergency rooms, and operating theaters, among others. It is difficult to get a comprehensive view of the entire campus with conventional video-security systems.

But now, by deploying a **Panoramic & PTZ Camera** at the highest point, administrators can easily get a big picture of the whole hospital on a live, Augmented Reality-enhanced map. This **Live AR Interaction** solution enables centralized management of various locations, allowing security personnel to click on labels and quickly scan live videos or get instant event alerts, all in one view.



Contact your local
Hikvision representative
today to learn
more about how
this **advanced, AI-
empowered solution** can
provide **smarter care**
and **superior operations**
in your hospital setting.

