

Intelligent Surveillance Solutions Help Hospitals Overcome the Security Challenges of Off-Hours



Hospitals face a unique set of security and operational challenges during off-peak hours, like weekend nights and holidays.

These are times when there is less staff onsite, as many of the most experienced and longest-tenured doctors, nurses and other staff members, opt for more favorable schedules - such as weekends and holidays off.

To enhance patient experiences, improve care quality, and ensure safer working environments, hospitals are accelerating their digital transformation strategies. Increasingly, they are recognizing how the right AI-enabled video surveillance solutions can serve as foundational tools for secure, responsive, and future-ready hospitals.

The benefits of smart video surveillance solutions are realized 24-7. But they are especially valuable during off-peak hours, when understaffed facilities must deal with heightened security and operational challenges.

Overcoming the security challenges of off-hours

Increased crime risk



Visual deterrence: Visible cameras discourage criminal behavior.



Real-time alerts: AI provides instant alerts for threats like theft or intrusion.

Workplace violence



Faster response times: Integrated panic buttons and AI threat detection allow staff to summon help discreetly and quickly.



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Patient safety risk



Enabling continuous patient engagement: Remote monitoring ensures that vulnerable patients, like those at risk of falling or self-harm, are continuously watched.

Visitor management



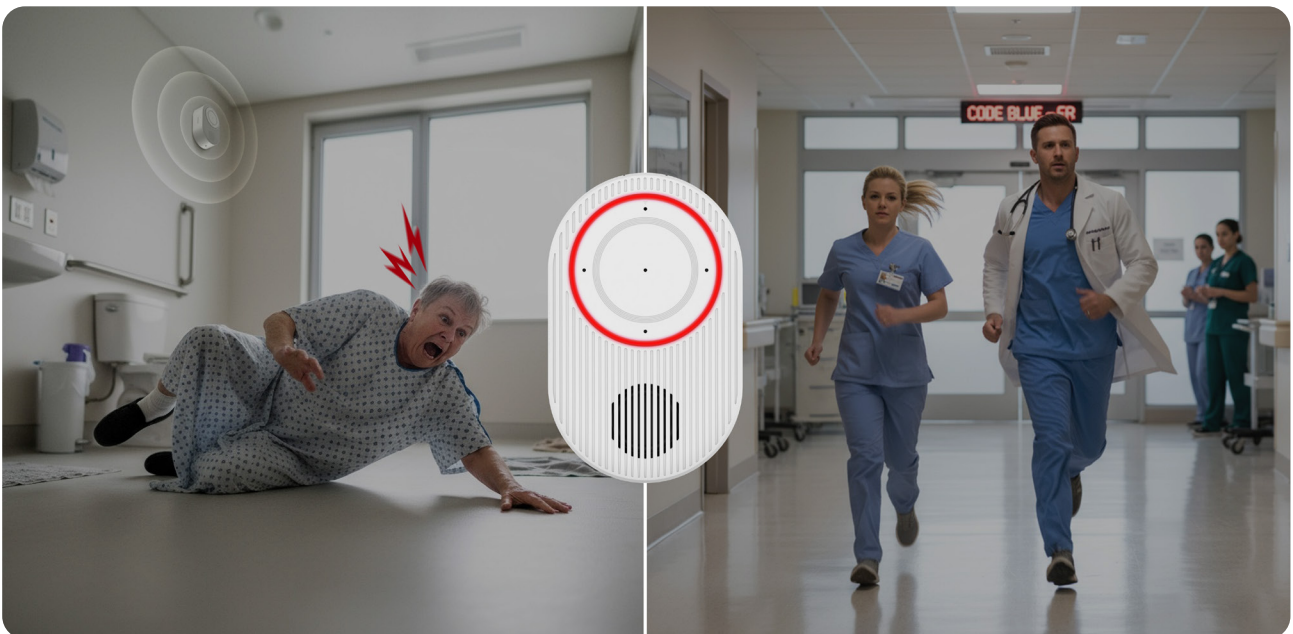
Integrated Surveillance & Access Control: Leveraging AI video surveillance with access control systems simplifies monitoring of visitors and potential threats. Entries and exits can all be locked down, requiring all visitors to enter through a single point like the ER after hours, where they are greeted by security.

Proactive threat detection with AI video analytics that never sleep

AI-powered video surveillance uses machine learning to identify and alert staff to potential threats in real time. This capability significantly improves security and reduces the reliance on constant human oversight, which is especially critical during off-hours with limited staff.

With its **Behavioral Analysis** capabilities, AI analytics can detect unusual activity, such as loitering in restricted areas, crowding in emergency waiting rooms, or unauthorized entry. When these issues are detected, real-time alerts can be sent to the remote monitoring team, allowing for immediate and appropriate action.

IP audio solutions can detect audible indicators of a threat, like gunshots or aggressive shouting, which is particularly useful in environments like emergency departments.



For enhanced emergency response, AI-powered systems can send real-time alerts to security personnel, who can view the live feed and dispatch help to the precise location of the incident. Some systems can even automatically route relevant camera feeds to the monitoring station when a panic button is triggered.

Exceptional patient safety and monitoring

In ICUs, maternity wards, special surgery rooms, or psychiatric units, **remote monitoring** allows staff to observe high-risk patients without needing a constant in-person presence. AI can also detect falls or unusual movement and alert nurses so they can respond quickly.

For patients with dementia or other cognitive impairments, video analytics can detect if they are leaving a designated area - **for wandering and elopement prevention.**



The system can immediately notify staff and trigger door locks and audio alerts to prevent the patient from exiting.

Video surveillance also provides objective documentation of incidents, which can be invaluable for investigating patient falls or allegations of improper care. This can help protect hospitals and staff members from liability lawsuits, improve safety protocols, and simplify compliance monitoring and reporting.

Improved asset and access control

Video surveillance offers a robust solution for safeguarding valuable assets and sensitive areas when fewer staff members are on site.

For example, visible high-resolution cameras placed strategically in pharmacies, equipment rooms, and records rooms serve as **valuable threat deterrence** for medications, supplies, and valuable equipment.



Remote monitoring centers can perform virtual patrols, continuously observing live camera feeds from a central location to confirm that all areas remain secure. This method is a cost-effective alternative to maintaining a full security team on-site at all times.

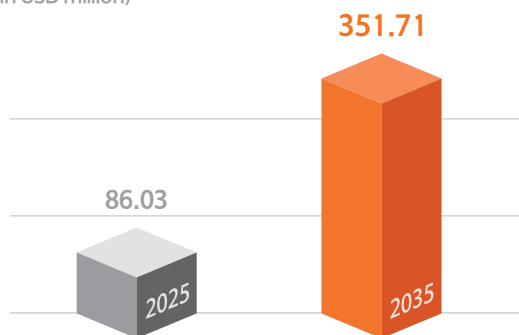


Looking Ahead - Role of Smart Video Surveillance in Healthcare Sector's Digital Transformation Efforts

Digital Transformation in Healthcare Market

Projected global industry values for 2025 and 2035

(in USD million)



14.5%
CAGR

How is the market growing
from 2025 to 2035?

Source : futuremarketinsights

The projected global spend for healthcare digital transformation will surpass \$350 billion by 2035, a near 450% increase over 2025 levels, according to research house – Future Market Insights.

The growing use of artificial intelligence-driven diagnostic solutions, telemedicine software, is enhancing patient care and aiding disease detection at earlier stages.

Cloud computing is transforming the way we deal with data, with all-access patient files and real-time sharing between care providers.

And, Big Data analytics, supported by intelligent video surveillance solutions, are optimizing clinical decision-making, simplifying remote patient monitoring and analyzing vast amounts of patient data to identify patterns and personalize treatment options.

Today, AI surveillance is regarded not just as a security measure but as a vital component of a hospital's broader digital transformation initiatives.

It's no surprise that there is a notable shift in the perception of security surveillance systems.

Historically, these expenses were viewed as necessary operational costs (OPEX). However, security and operations leaders now recognize AI video surveillance systems as strategic long-term investments (CAPEX) that provide value across multiple functions at all times.

And, with advanced AI video surveillance solutions, hospitals can effectively mitigate the security and operational risks that arise more frequently when there is reduced staff during weekends, night shifts, and holidays, ensuring the safety and efficiency of their environments.



