

Case Study | Redefining Security in Healthcare

Metrasens Customer Rethinks Security for their Emergency Department Psychiatric Unit



Metrasens Hospital Customer

EAST COAST, UNITED STATES

FACILITY STATS

Large Urban Hospital

APPLICATION

Behavioral Health: Emergency department.

CASE STUDY AT A GLANCE

With a rise in psychiatric patients seeking care, emergency departments are grappling with the challenge of maintaining safety. To tackle this issue head-on, a hospital took a proactive approach by implementing Metrasens' detection systems, capable of efficiently identifying restricted items such as razor blades and needles. The hospital confirmed that Proscreen 200 outperformed traditional screening methods through a comprehensive pilot program. This implementation has effectively transformed the hospital into a safer environment, fostering a sense of security among staff members and ultimately enhancing the quality of care provided.



ENHANCING SAFETY AND SECURITY IN EMERGENCY DEPARTMENTS: ADDRESSING THE RISING DEMAND FOR PSYCHIATRIC CARE AND RESTRICTING HIGH-RISK ITEMS

Emergency departments are witnessing a surge in psychiatric patients seeking care, leading to the utilization of specialized environments such as psychiatric holding or crisis intervention units. These private rooms, bathed in natural sunlight, serve as temporary accommodations for patients awaiting placement in psychiatric hospitals or until they can be discharged safely.

However, keeping these patients within the emergency department presents inherent risks of violence and self-harm. To counter this, hospitals have implemented stringent restrictions on high-risk items, including cell phones, lighters, knives, guns, razor blades, and other weapons, for patients, visitors, and staff within the holding unit. Yet, the challenge lies in effectively and reliably identifying these restricted items without further escalating the patients' behavior.

In this pressing scenario, hospitals are actively seeking innovative solutions to address these challenges and enhance safety. By leveraging cutting-edge technologies and protocols. They aim to provide a secure environment while minimizing potential risks.





OVERCOMING CHALLENGES IN EXISTING SCREENING METHODS TO DETECT RESTRICTED ITEMS

A prominent hospital client situated in a bustling metropolitan area on the East Coast faced an ongoing challenge with their existing screening methods, namely hand wands and walk-through metal detectors. Despite these security measures, the hospital struggled to consistently identify restricted items carried by patients or visitors.



METRASENS SYSTEMS: TRANSFORMING HOSPITAL SECURITY WITH CUTTING-EDGE DETECTION TECHNOLOGY

Determined to find a more effective security alternative, the hospital embarked on thorough market research, leading them to discover Metrasens Systems and their groundbreaking ferromagnetic detection technology. As they delved deeper into their investigation, the hospital became captivated by Metrasens Systems' cutting-edge solutions, not only due to their remarkable capability to detect items that traditional metal detectors often missed but also because of their welcoming, non-institutional appearance. The ferromagnetic detection technology employed by Metrasens Systems excelled at identifying minuscule ferrous metal signatures commonly associated with the restricted items causing concern. Additionally, their unassuming form factors made them attractive and seamless fits for the hospital environment.

Impressed by the potential of Metrasens Systems' solutions, the hospital invited them for a comprehensive site evaluation. During this evaluation, staff conducted a direct comparison between Metrasens Systems' detection capabilities and the previously inadequate metal detectors and hand wands. Metrasens Systems astoundingly detected items that had previously gone unnoticed, such as cell phones and razor blades.

Witnessing the side-by-side results, hospital staff enthusiastically recommended the implementation of Metrasens Systems in their emergency department psychiatric holding units. Since adopting Metrasens Systems' solutions, hospital personnel have expressed a newfound sense of safety, allowing them to deliver the high-quality care they aspire to provide.

To validate the performance of Metrasens Systems, the hospital conducted a rigorous three-month pilot program involving comprehensive screening of patients, staff, and visitors upon entry to the psychiatric holding units. The program unequivocally demonstrated the ongoing superiority of Metrasens Systems over hand wands in detecting restricted items. Metrasens Systems successfully identified items such as hair clips, cell phones, lighters, and screws, while hand wands fell short in certain instances.

The implementation of Metrasens Systems has proven instrumental in elevating the screening process and creating a safer hospital environment. Their revolutionary capabilities have made a tangible difference in effectively detecting restricted items, ensuring the utmost security for all stakeholders involved.





About Metrasens

Metrasens is a world-leading provider of advanced detection technologies that, combined with tailored solutions, address the deficiencies in conventional screening methods. Metrasens takes science from the laboratory and uses it to create revolutionary products that are effective, flexible, easy to use, and exceed the needs of our customers.

