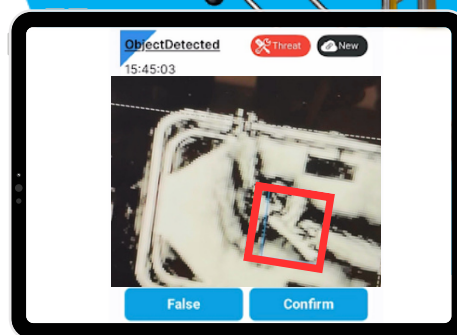




Ambulance Bay AB-WDS

Athena's Ambulance Bay Weapons Detection System (AB-WDS) is the first purpose-built solution for the screening of patients who are on a gurney. Utilizing radar imaging technology and AI for object recognition, Athena's system resolves images through clothing and some medical equipment to identify concealed weapon shapes — while ignoring the stretcher or gurney.



Key Capabilities of the Ambulance Bay Weapons Screening System

AI-Powered

- Radar imaging scanner on electric stand
- Optimal positioning for patient intake height
- Built for rugged outdoor ambulance bay environments
- Onboard AI computer analyzes threats in real-time

iPad Operator Interface

- Live heat-map and skeletal overlay display
- Visual representation of the concealed item
- Data entry directly on-device
- Intuitive interface — minimal training required

Documentation & Compliance

- Full digital audit trail for every screening event
- Printed property receipts for collected or confiscated items
- Chain-of-custody documentation built in
- Supports hospital property-handling policy compliance



Disclaimer: No System is 100% accurate, including this Weapons Detection System



www.athena-security.com



833-928-4362



info@athena-security.com

Ambulance Bay Weapons Screening System



How It Works

1 ARRIVAL

Ambulance arrives and patient on stretcher is guided toward the radar imaging scanner — no stopping, no repositioning required.

2 SCAN

Personnel push the stretcher under the scanner at normal walking pace. The scan completes in seconds. The patient does not need to stand, move, or be disturbed.

3 ALERT

The iPad interface displays a heat-map or skeletal overlay pinpointing the location of any suspected weapon — including a visual representation of the concealed item.

4 RESOLUTION

Security follows hospital protocol to remove and document any weapon before the patient enters the facility — fully compliant with property-handling policies.

Why It Matters

ER doctors and nurses are most at risk during trauma arrivals — the highest-stakes, most chaotic moments in any hospital. By securing the ambulance bay, Athena's system ensures your frontline heroes are protected where they are most vulnerable. Emergency doesn't have to mean Unsecured.



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