



Armis Centrix™ Feature | Clinical Impact Score

Prioritize Patient Safety with Data-Driven Clinical Impact Insights

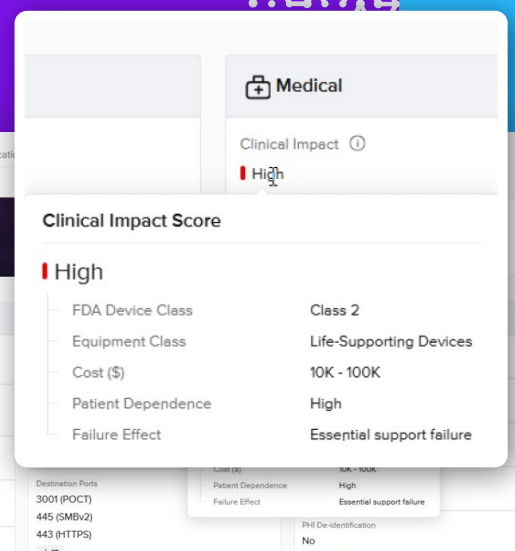
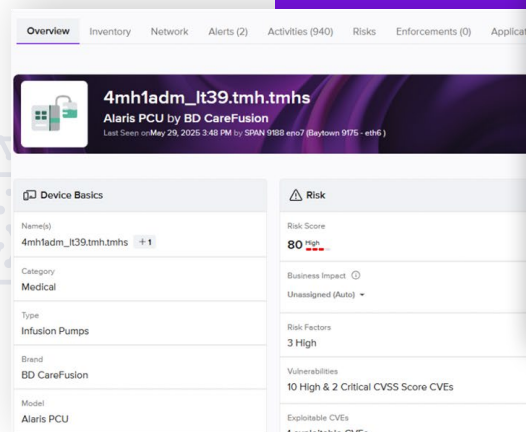
Healthcare organizations require a comprehensive understanding of the clinical implications for patient safety for every medical device in their environment. What happens when a device doesn't work as expected or is taken offline due to security reasons? A healthcare-specific asset context is crucial for prioritizing security and remediation efforts to take action on the biggest potential clinical impacts. Determine the clinical impact of device malfunction or exploit based on FDA class, equipment class, patient dependence, and the effect of failure. Triage risks to patient safety and operational resilience, and manage vulnerabilities and risks accordingly.

Focus Your Efforts Where They Matter Most

The Armis Centrix™ Clinical Impact Score provides **data-driven insights** to inform decisions about security priorities. This enhanced risk scoring capability powers contextual visibility and better prioritization, specifically for medical devices. Healthcare organizations can leverage the Clinical Impact Score and additional clinical attributes to prioritize and manage medical device risk effectively, focus efforts on the areas that matter most to patient care continuity, and take action to prevent security breaches.

Tailored Risk Management for Healthcare with Armis Centrix™

- ✓ **Precise Decision Making:** Data-driven insights power strategic decisions and reduce wasted efforts in healthcare risk management.
- ✓ **Unified Collaboration and Visibility:** Establish shared understanding of medical device risk management across clinical/ biomedical engineers and security teams.
- ✓ **Targeted Prioritization:** Based on the unique risk profile of medical devices and how they interact with your environment.
- ✓ **Minimize Risk Exposure:** Focus efforts on the assets with the greatest clinical impact, ensuring patient safety and operational continuity.





Built for Unparalleled Clinical Asset Context

The Clinical Impact Score is a representation of a device's regulatory, operational, patient safety, financial, and security risks. The Clinical Impact Score is calculated based on a combination of the following properties:

FDA Device Class: This classification indicates the level of risk inherently associated with a medical device.

Equipment Class: Indicates the criticality of the device in the context of patient care, ie life sustaining devices vs lab equipment.

Patient Dependency: Measures impact to patient services based on frequency of direct interaction with patients.

In addition to the score, categorized as Low, Medium, High, or Critical, other medical device properties provide further operational context:

- **Failure Effect:** Measures the impact to patient care delivery and safety that are caused by device failure, such as patient harm or delayed procedures.
- **Cost:** Provides an estimated financial value of the device.

This score reframes risk management in healthcare from the patient perspective and allows teams to prioritize effectively, address the biggest threats to continuous care delivery, and keeps patients protected.

A New Approach: Patient-Centric Risk Management

It's time for a change of perspective. The Armis Centrix™ Clinical Impact Score changes the approach from asset and vulnerability-focused to prioritizing patient safety, protecting critical services, and bolsters cyber resilience in healthcare.

Why leading healthcare organizations rely on Armis for effective risk management

- 1 Clinical Context** - Instant classification and identification of over 6B assets and clinical impact context for medical devices
- 2 Impactful Actions** - Focus efforts on the small percentage of risks that have the biggest impact on patient care delivery
- 3 Maximize Efforts** - Streamline time spent on manual assessment of alerts and prioritization by 80%
- 4 Operational Resilience** - Cut open medical device recalls in half with automated clinical risk assessment and remediation workflows
- 5 Risk Reduction** - Leverage clinical impact scores to effectively and proactively prioritize efforts and prevent costly breaches, saving millions of dollars.

"We've been able to streamline our security processes and focus on what truly matters—patient care. The platform's real-time threat detection capabilities have been truly transformative for us."

Senior Cyber Security Analyst, NHS Trust

