Health Sector Coordinating Council
Cybersecurity Working Group

Health Sector Publishes Playbook for AI Clinical Resilience

New resource by the sector's primary critical infrastructure advisory council helps healthcare organizations manage clinical resilience in an increasingly AI-supported healthcare environment.

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Today in the first week of the 23rd annual National Cybersecurity Awareness Month, the Cybersecurity Working Group (CWG) of the Health Sector Coordinating Council (HSCC) published the "*Playbook for AI Clinical Resilience (PAICR)*" to help health delivery organizations (HDOs) manage clinical resilience in an increasingly AI-supported healthcare environment.

As artificial intelligence becomes increasingly embedded in clinical operations, health delivery organizations (HDOs) must proactively prepare for the safety, security, and operational risks that accompany its use. Inpatient workflows involve complex multi-day coordination across multidisciplinary teams from admission through discharge; acute care workflows demand rapid, high-stakes decision-making in time-sensitive environments such as emergency departments and intensive care units; and outpatient workflows prioritize efficiency, continuity, and high patient throughput in ambulatory settings.

Because AI systems may influence triage decisions, diagnostic assessments, monitoring, documentation, scheduling, and care coordination across these environments, organizations must understand how workflow context, decision criticality, and level of automation shape risk exposure. "*PAICR*" provides a framework for identifying AI touchpoints, assessing threat vectors, and designing practical, context-specific playbooks that safeguard patient safety, data integrity, regulatory compliance, and operational resilience across the full spectrum of clinical care delivery. It is designed to help healthcare leaders, clinical teams, IT professionals, and risk managers develop structured AI playbooks tailored to the unique threat profiles of inpatient, acute care, and outpatient clinical workflows.

PAICR serves as a practical guide for healthcare organizations to detect, analyze, and respond to threats that impact AI-integrated clinical operations. The playbook guides healthcare organizations to proactively manage cyber and operational threats targeting AI-enabled clinical workflows.

The intended audience for this guide includes cross-functional teams that span clinicians, governance leaders, technical experts, and compliance officers. This ensures AI threats are addressed holistically — from the moment an issue is detected, through patient safety review, to regulatory response and system remediation.

About the HSCC CWG

The *Health Sector Coordinating Council (HSCC) Cybersecurity Working Group (CWG)* is a critical-infrastructure industry advisory council of almost 500 healthcare organizations in health delivery; life sciences, lab and medical technology; health insurance and plans; health I.T. and information exchanges; public health, and government agencies partnering to identify and mitigate systemic cyber threats to health data and research, systems, manufacturing and patient care. The CWG membership develops and publishes free healthcare *cybersecurity leading practices*, advises the government on appropriate supporting policy and programs, and promotes the imperative that ***cyber safety is patient safety***.

More information: https://HealthSectorCouncil.org/Contact

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