PAUBOX RESEARCH

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AI-built tool governance for healthcare CISOs

Healthcare IT and security leaders find AI-built tools handling PHI at the same rate whether or not their AI coding assistant policy is fully implemented.

What we found

74% of healthcare IT and security leaders have found an AI-built tool handling PHI without IT knowing.

The rate held with or without a fully implemented AI coding assistant policy, 74% against 75%. Organizations that trained all staff found more, 85% against 55%, so the ones looking appear to find more.

What it means for CISOs

PHI is already inside AI-built tools

91% say AI-built tools have handled, stored, or transmitted PHI, so they belong in the HIPAA risk analysis.

Unlisted tools come with encryption gaps

54% of those finding unknown tools tie AI code to missing or inadequate encryption, so check each one.

Sector guidance now asks for a map

HSCC's October 2026 playbook tells organizations to map each AI-enabled system and where its PHI goes.

WHY PAUBOX

9,000+

healthcare organizations trust Paubox to secure every email they send and receive.

Encryption on by default

The Paubox Email API enforces TLS 1.2+ encryption by default on every send.

A BAA on every plan

A BAA is included on every Paubox Email API plan, including the free tier.

HITRUST certified

Independently certified against the HITRUST framework.

Paubox survey of 151 healthcare leaders, July 2026 (IT and security leaders, n=117) | Health Sector Coordinating Council, Playbook for AI Clinical Resilience (October 2026)