PAUBOX RESEARCH

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How healthcare uses AI to catch email threats

When healthcare organizations deploy AI on email, they point it first at spam, malware, and malicious links.

What we found

Healthcare uses AI most to block spam (64.9%), catch malware attachments (58.28%), and flag suspicious links (55.63%).

The pattern shows where AI earns trust first: high-volume, high-noise tasks. Behavioral and login-anomaly detection trail behind, even though that is where modern attacks hide.

What it means for buyers

Spam and malware come first

64.9% use AI to block spam and 58.28% to catch malware attachments.

Links are a top target

55.63% use AI to flag suspicious links, the most common phishing payload.

Behavior detection lags

Only 47.68% apply AI to email behavior patterns or unusual login activity.

Source: Paubox survey of healthcare IT leaders.