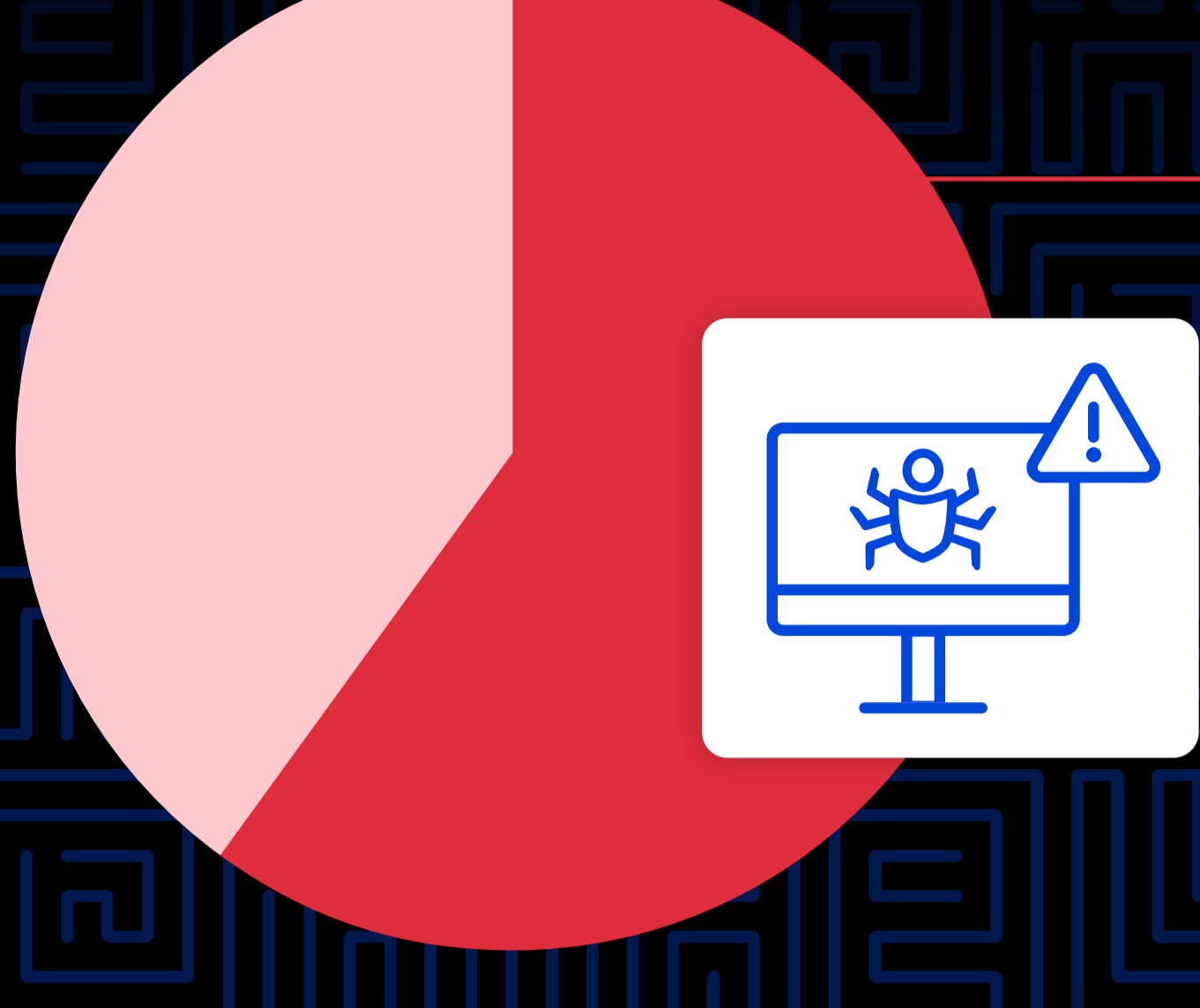


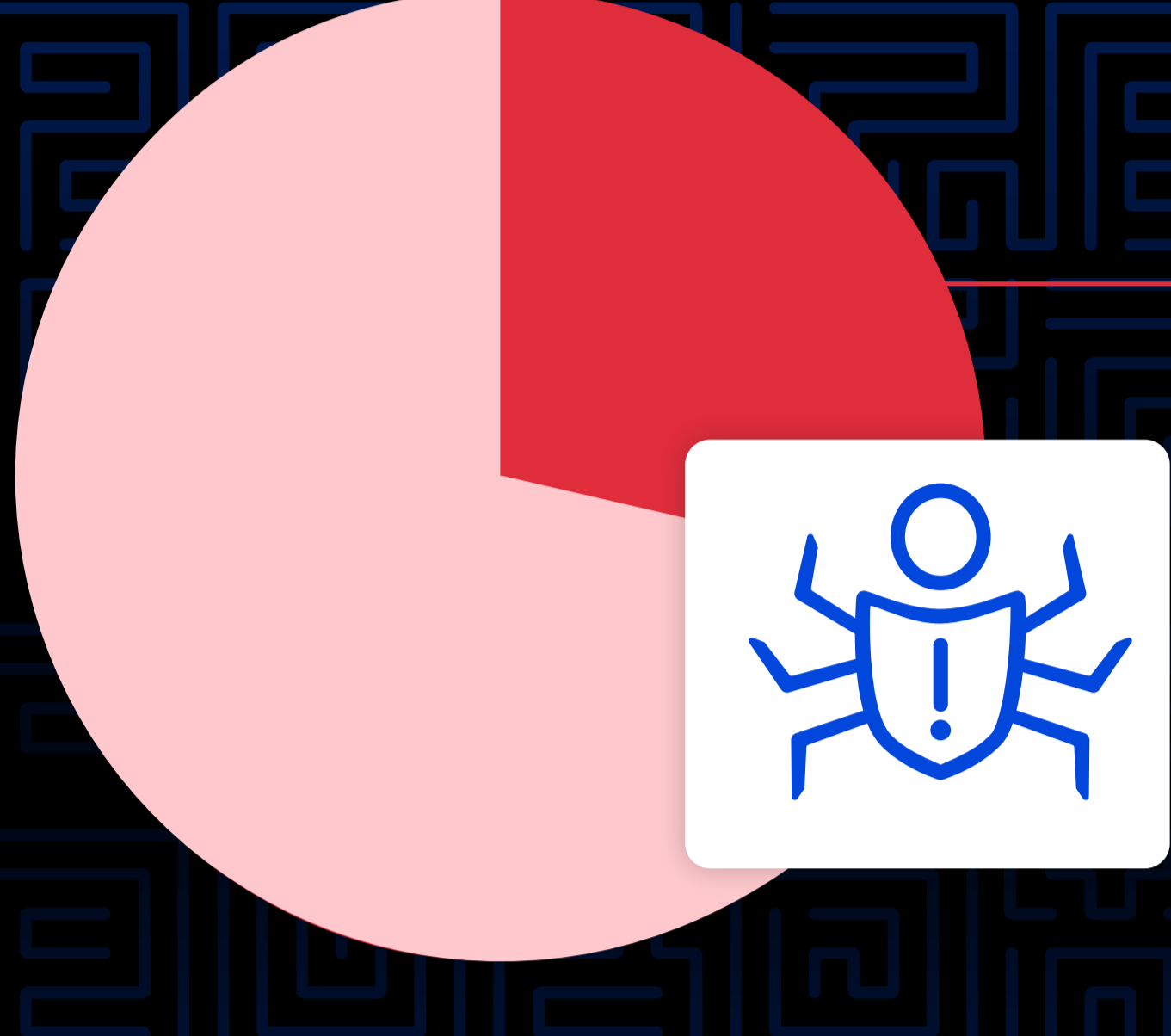
# Closing the Email Security Gap

## 2025 Trends and Strategies for HIPAA Compliance

Based on new data from 150 healthcare IT leaders, a new Paubox report pulls back the curtain on an overlooked risk in healthcare technology—legacy email systems. These systems are quietly undermining HIPAA compliance, straining operational efficiency, and exposing protected health information to cybercriminals.



**60%** of IT leaders in healthcare reported experiencing a breach or security incident involving email in 2024, and **73%** anticipate even more breaches in 2025



**Only 27%** of IT leaders in healthcare are confident they can reduce security incidents in 2025

Nearly **70%** of IT healthcare IT leaders estimate the consequence of a HIPAA violation would cost over \$250,000

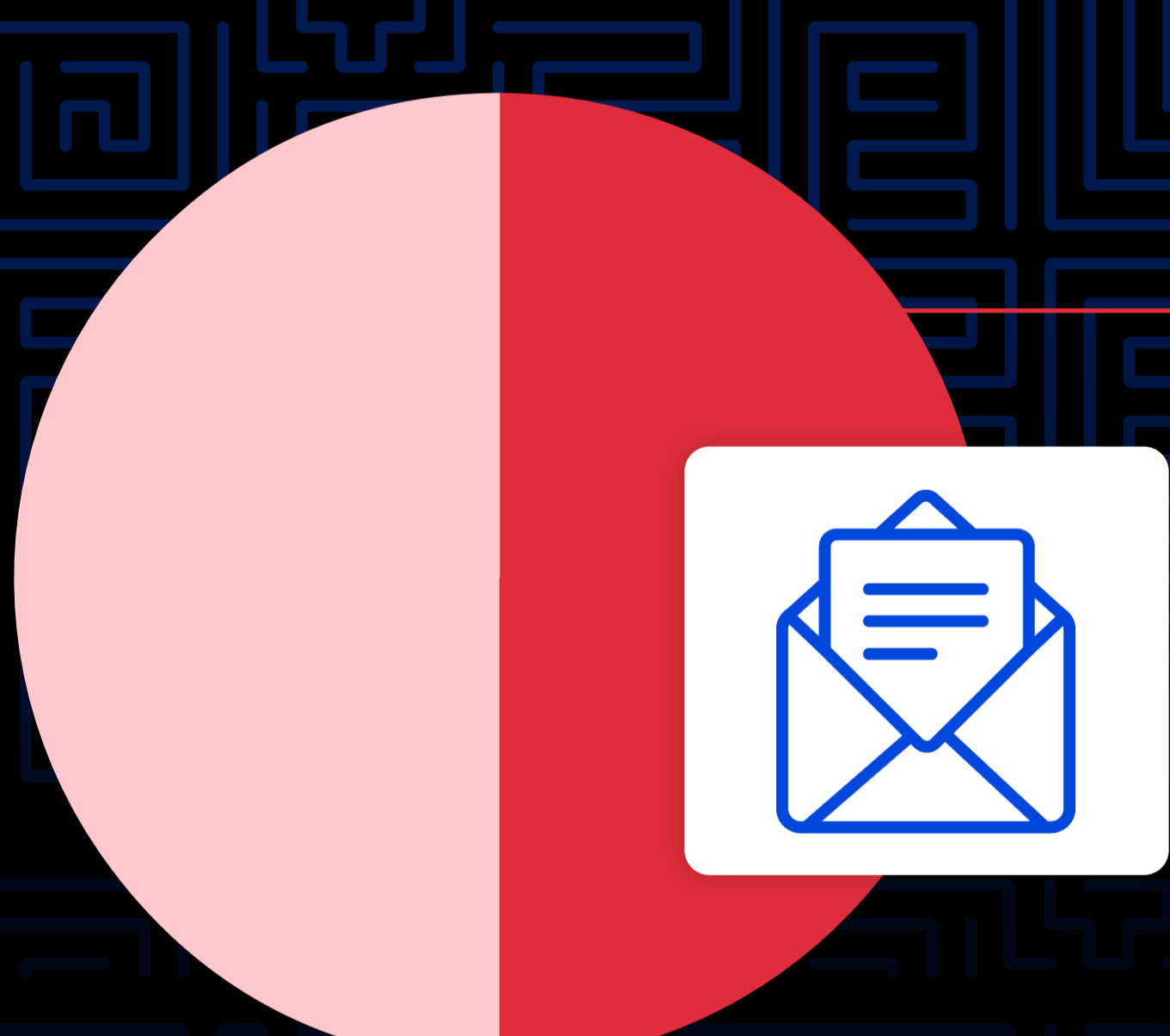


On average, IT leaders estimate **95%** of known phishing attacks go unreported by employees to their security teams

IT leaders estimate **only 4%** of known HIPAA email violations are reported by employees to their security teams

### Top causes of email security breaches at healthcare organizations

- Phishing attacks
- Ransomware incidents
- Malware infections
- Insider threats
- Weak passwords



**Half** of all reported threat vectors in healthcare IT environments were email

**46%** of IT teams have implemented advanced email filtering to combat phishing attempts, but it's still not enough



**91%** of healthcare organizations conduct regular employee training on email security best practices, but **weak password selection** is still a major threat

Large healthcare networks report nearly **2x more challenges in ensuring email compliance** compared to smaller organizations

**2x**