# Can You Trust AI to Catch Every Threat?

**COFENSE**

CISOs are under increasing pressure to stop phishing attacks faster, reduce exposure, and clearly demonstrate risk reduction to the board—often with fragmented tools and limited resources. While AI plays a critical role in scaling detection and response, AI alone can't provide the accuracy, transparency, or defensibility required when real business risk is on the line. Effective phishing defense demands human-supervised AI, trusted intelligence, and strong reporting workflows that enable security teams to make confident decisions, contain threats quickly, and prove outcomes across the organization.

### 1. AI Alone is Not Enough: Human Oversight is Essential

The best phishing defenses combine AI's speed and efficiency with human expertise. While AI excels at processing data, it lacks the context and adaptability humans provide. Relying solely on automation risks leaving organizations exposed to unrecognized threats.

### 2. Human-Vetted Intelligence Provides Unmatched Accuracy

AI models rely on their training data and lose effectiveness as threats evolve. Human-vetted intelligence delivers real-time insights to counter advanced attacks, bridging gaps left by automated systems.

### 3. Transparency and Data Control are Non-Negotiable

Organizations must demand transparency when adopting AI security tools. Understand how models are trained, data is handled, and compliance is ensured. Avoid "black box" solutions and clarify data handling in contracts.

### 4. A Strong Reporting Culture is Your Last Line of Defense

No security is foolproof. When threats bypass perimeter defenses, empowered employees become the last line of defense. A strong reporting culture turns users into a vital sensor network, enabling rapid threat response.

### 5. Trust, But Verify: Continuously Validate Your AI's Performance

AI reduces noise but has its limitations. Use a "trust, but verify" approach: spot-check AI decisions, review reports, and validate performance. Without oversight, missed threats can leave your organization vulnerable.



# Ready to Strengthen Your Phishing Defense?

The conversation doesn't have to end here. If you're looking to build a more resilient security posture that balances powerful automation with irreplaceable human intelligence, we can help.

**Contact us today** to learn how Cofense's intelligence-driven phishing detection and response solutions can help you identify and mitigate malicious threats targeting your organization.

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