Comprehensive AI-Powered Threat Detection and Automated Incident Response for Superior Email Security

KnowBe4 Defend + PhishER work together to provide a robust defense against advanced phishing attacks while streamlining your incident response process. This powerful combination leverages AI-driven threat detection and automated rapid response to protect against the full spectrum of inbound email threats and manage human risk.

AI-Powered Threat Detection and Prevention

KnowBe4 Defend uses advanced AI, including machine learning and natural language processing, to detect and prevent sophisticated phishing attacks that bypass native security and Secure Email Gateways. Its adaptive security architecture automatically adjusts based on real-time risk assessments. PhishER complements this by providing thorough threat assessment capabilities, employing PhishML to analyze and categorize reported emails. Additionally, PhishER's blocklist functionality allows for rapid threat containment by automatically blocking malicious URLs and email addresses across your organization.

This powerful combination of AI technologies ensures that both incoming and reported threats are subject to advanced analysis, significantly enhancing your organization's ability to identify and mitigate sophisticated phishing attacks.

Streamlined and Automated Incident Response with Reduced Admin Overhead

Defend's AI-driven approach minimizes configuration and maintenance requirements. PhishER, KnowBe4's lightweight Security Orchestration and Automated Response (SOAR) platform, streamlines incident response with automatic dispositioning and prioritization of user-reported emails. PhishER's machine-learning capabilities enhance threat analysis, while its PhishRIP feature allows for swift threat removal across mailboxes.

KnowBe4 Defend is the adaptive anti-phishing module, and PhishER is KnowBe4's lightweight Security Orchestration and Automated Response (SOAR) product. By combining the two products, you obtain advanced AI email threat detection capabilities with incident response automation to help you protect against the full spectrum of inbound email threats and manage human risk.

Together, Defend and PhishER ensure that threats are dealt with quickly and efficiently, whether caught on arrival or reported later, significantly reducing the burden on IT and security teams while improving overall incident response time.

Engaging Users in Security

Defend employs contextual, color-coded educational banners within emails, creating real-time teachable moments for users. PhishER seamlessly integrates with KnowBe4's Phish Alert Button (PAB), providing a simple, one-click method for users to report suspicious emails. PhishER's PhishFlip feature turns real attacks into simulated phishing tests, creating ongoing learning opportunities from actual threats.

This combined approach educates users on identifying and reporting suspicious emails, transforms real threats into safe, educational experiences, and provides multiple touchpoints for user engagement in security practices. By actively involving users in the security process, Defend and PhishER not only protect against immediate threats but also help build a security-aware culture, contributing to long-term improvement in your organization's overall security posture.

Key Benefits:

Comprehensive Protection: Defend's advanced detection capabilities combined with PhishER's incident response automation create a strong defense against the full spectrum of email threats.

Superior Abuse Mailbox Management: PhishER automates and enhances the processing of reported phishing messages, providing far more advanced capabilities than competitors. PhishER accepts messages from multiple sources, not just abuse mailboxes, allowing IT teams to efficiently handle phishing reports at scale.

Continuous Improvement: PhishER's ability to turn real attacks into training opportunities complements Defend's real-time user education, creating a cycle of continuous improvement of security awareness.

Reduced Admin Overhead: Both products offer AI-driven automation, minimizing configuration and maintenance requirements for IT teams.

Actionable Intelligence: Defend's Cloud Email Security Center and PhishER's analytics provide valuable insights for rapid incident response and risk assessment.

Key Features:

Advanced AI-Driven Threat Detection: Combines KnowBe4 Defend's AI-enabled phishing detection with PhishER's machine learning for comprehensive threat assessment and prevention.

Adaptive Security and User Empowerment: Automatically adjusts to user risk levels and provides real-time contextual warning banners, educating users directly in email messages.

Streamlined Incident Response: PhishER's lightweight SOAR platform efficiently manages user-reported emails with automatic prioritization and one-click threat neutralization across mailboxes.

Continuous Security Awareness Improvement: PhishFlip feature turns real attacks into training opportunities, reinforcing and evolving security awareness.
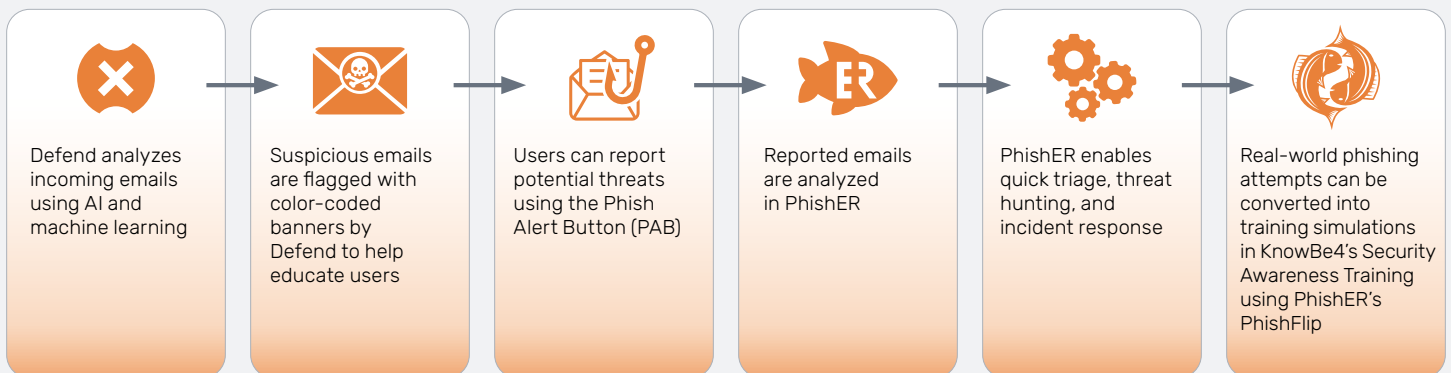
Comprehensive Analytics and Reporting: Offers detailed threat intelligence dashboards, user Risk Score analytics, and actionable intelligence for rapid incident response.

Seamless Integration and Automation: Easy deployment with existing Microsoft 365 environments, API integrations with SIEM and SOAR tools, and automated remediation processes.

Enhanced User Engagement: Integrates Phish Alert Button (PAB) for easy threat reporting, actively involving users in the security process.

Global Threat Intelligence: Continuously evolves based on global threat data and user feedback, ensuring up-to-date protection against emerging threats.

KnowBe4 Defend and PhishER Workflow

| Defend analyzes incoming emails using AI and machine learning | Suspicious emails are flagged with color-coded banners by Defend to help educate users | Users can report potential threats using the Phish Alert Button (PAB) | Reported emails are analyzed in PhishER | PhishER enables quick triage, threat hunting, and incident response | Real-world phishing attempts can be converted into training simulations in KnowBe4's Security Awareness Training using PhishER's PhishFlip |

Learn More About Defend + PhishER →