

AI Defense Agents

Autonomous agents detect, respond and adapt faster than humanly possible.

Generic security awareness training (SAT) is no longer effective in your complex work environment. Trying to run a one-size-fits-all program creates operational burden, leading to manual effort, low user engagement, slow iteration on content, and a limited real-world impact on the risk your organization faces.

What is AIDA?

AIDA is a suite of AI Agents that continuously automates SAT administration, attack simulations and content personalization so security teams can focus on strategic risk decisions rather than operational tasks. AIDA is an integral part of KnowBe4's SAT Advanced subscription, enabling organizations to move from manual campaign management to AI-driven risk reduction.

How AIDA Works:

SmartRisk Engine leverages behavioral data from across KnowBe4's products to help measure risk. This enables AIDA to automatically prioritize risk, target the right users and adjust interventions without manual analysis.

Agents work both individually and collectively under an intelligent, goal-driven model that:

- Continuously assesses risk based on real-time user behavior.
- Automatically delivers personalized phishing tests.
- Tailors training to every individual user to maximize engagement and retention.

AIDA

Key Benefits

- ▶ Reduce the time it takes your admins to create ongoing personalized phishing and security awareness training for every individual to mere seconds.
- ▶ Break away from one-size-fits-all campaigns and provide continuously optimized, individualized security training that adapts to each user's unique risk profile.
- ▶ AIDA's alignment with the NIST Phish Scale Framework ensures your security awareness training is consistent with your organization's broader security initiatives.
- ▶ Improve relationships, build trust and reduce friction between your security team and other departments by ensuring users are aligned with security objectives.



Events



SmartRisk Engine



Insights + Risk Score

AIDA

AI Defense Agents

Revolutionize risk management through KnowBe4's suite of advanced AI agents that manage and monitor your security awareness training.



Orchestration Agent

Fully automates program administration with an “always-on,” goal-driven approach. This agent continuously assesses risk to automatically create and schedule individualized phishing tests and training campaigns, eliminating campaign-based management in favor of continuous, personalized security awareness at scale.



Remedial Training Agent

Assigns targeted training to users when they fail a simulated phishing test.



Ongoing Training Agent

Automatically assigns personalized training to users to address specific knowledge gaps and reduce organizational risk.



Phishing Agent

Autonomously creates, customizes and delivers simulated phishing attacks tailored to each user's role, risk profile and past interactions.



Template Generation Agent

Leverages generative AI to create highly realistic email templates mirroring current attack vectors while basing social engineering indicators on the NIST Phish Scale Framework.



Callback Template Generation Agent

Generates templates specifically for callback phishing attack vectors that combine phishing and vishing techniques.



Policy Quiz Agent

Ensures organization security and compliance alignment by generating intelligent quizzes based on your specific policies.



Knowledge Refresher Agent

Delivers timely, bite-sized refreshers at optimal intervals to combat the forgetting curve.



Recommended Landing Pages Agent

Automatically suggests contextually appropriate landing pages for phishing templates to reinforce learning.



Deepfake Training Content Agent

Generates custom deepfake training content featuring a leader from your own organization.



Custom SAPA Agent

Creates custom Security Awareness Proficiency Assessments tailored to your organization's unique environment.



Content Creation Agent

Uses generative AI to create custom training in minutes with simple, natural language prompts.

Adapt faster with our Artificial Intelligence Defense Agents



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