

Egress and KnowBe4 Integration: AI-powered adaptive email security and training

Identify and remediate human risk by combining dynamic email security defenses and behavioral-based training and awareness programs.



THE CHALLENGE

Security training is only effective when relevant to its audience

The human element represents the primary attack surface for cybercriminals, and people are most vulnerable when using email. With threat intelligence siloed between security awareness training (SAT), email, identity, and endpoint products, organizations often struggle to deliver training and realistic simulations that engage employees to sustainably reduce risk.

THE SOLUTION

AI-powered adaptive email security and training

Egress' Intelligent Cloud Email Security and KnowBe4's KMSAT provide a powerful combination that prepares employees for threats before they materialize.

By sharing live email threat intelligence data directly with the KMSAT platform, organizations can dynamically populate 'Smart Groups', delivering fully automated behavioral-based training and simulation campaigns. Enabled with just a few clicks, cyber teams instantly reduce human risk, safe in the knowledge that their employees are educated and assessed using live events that are reflective of the attacks or incidents they encounter.

KEY BENEFITS

- Automatically optimize users' training using threat intelligence to deliver bespoke SAT programs
- Provides enhanced context when understanding a users' risk state within the KMSAT platform
- Facilitates the delivery of threat-based training campaigns and phishing simulations with no administrative overhead

Unlock the full potential of Egress and KnowBe4

Use case	Solution	Benefits
SAT products offer insight into user engagement but not contextual visibility into the attacks and incidents that people encounter.	Automatically publish Egress' threat events directly to KMSAT's User Timeline (via API)	Offer insight into the types of threats a user experiences, along with how they engage with threats. Understand holistic risk context of email usage when reviewing individual user behavior.
SAT products are based primarily on simulated risk and not live email threat data.	Leverage smart groups to interrogate Egress' threat events and automate enrolment into tailored training programs.	Automatically optimize users' training using threat intelligence to deliver bespoke SAT programs.
Generic phishing simulations do not reflect the attacks users' receive on a daily basis.	Leverage smart groups to interrogate Egress' threat events and automate tailored phishing simulations based on individual's actual data.	Automatically deliver threat-based phishing simulations that are relevant and tailored to each user, tracking how people perform against threats they are likely to encounter.



Crawford & Company, the largest publicly listed provider of claims management and outsourcing solutions globally, is excited to see our partners, Egress and KnowBe4 working together.

This is not just another product dashboard! By delivering bi-directional integration between Egress' email threat intelligence and KnowBe4's KMSAT Events API, we not only shine a spotlight on areas of risk we'd not previously considered, but also automatically mitigate potential compromise through tailored training and phishing simulations using threat events our people encounter on a daily basis.

Matt Nears,
VP, Global IT Security



KEY CAPABILITIES

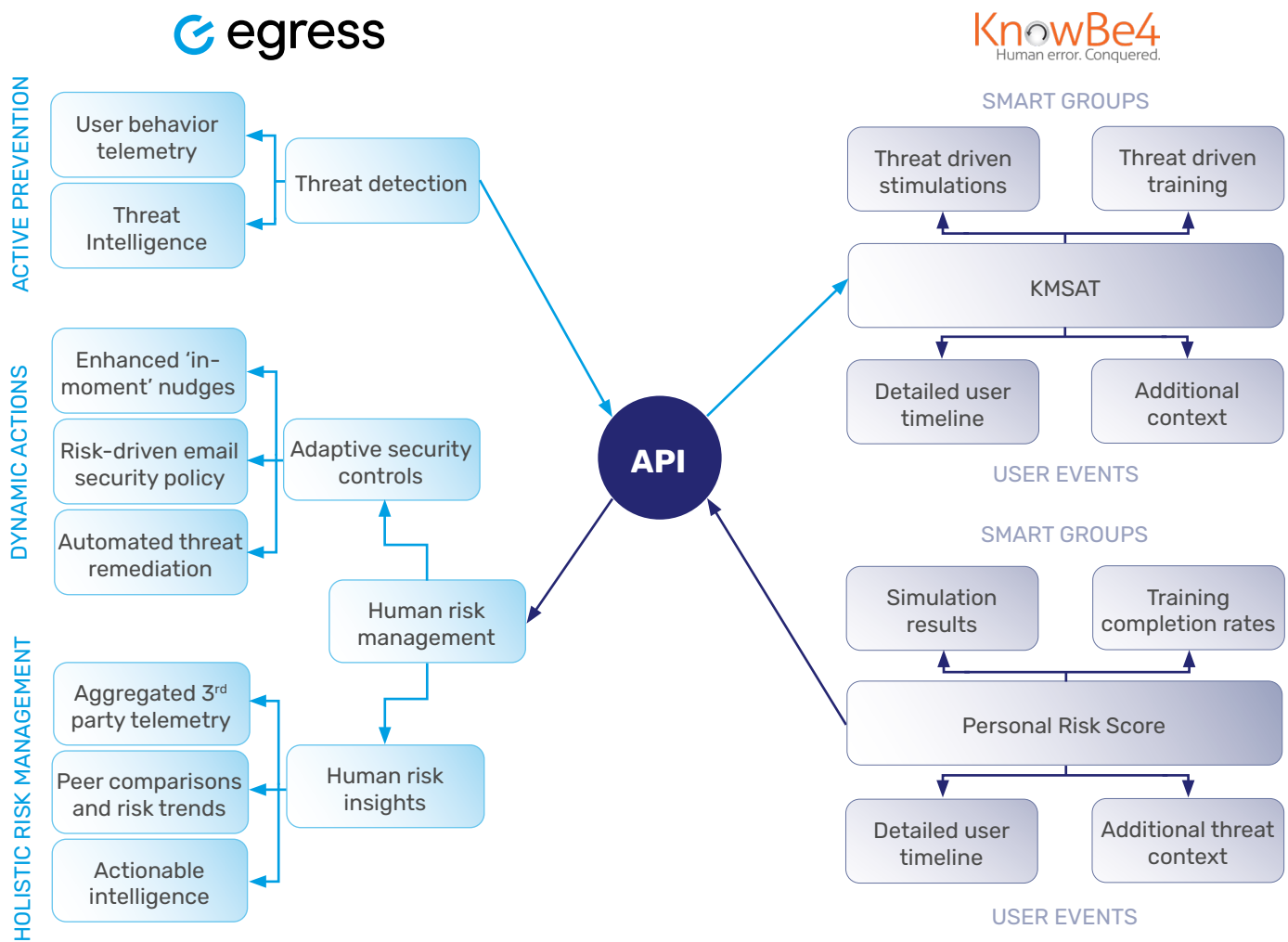
- Total holistic visibility into human risk leveraging KnowBe4's Personal Risk Score and Egress' email threat data
- Automated management of behavioral-based training programs
- Dynamically deliver threat-based phishing simulations that are relevant and tailored to each user

Technical solution

Egress' Intelligent Cloud Email Security solution utilizes AI to identify and neutralize advanced threats, coupled with an adaptive security architecture that continually assesses and responds to human risk. As users are exposed to elevated risk, the Egress platform dynamically adapts its security controls, while generating custom security events that detail the nature of the threat and any actions undertaken by the user.

Unlike any other integration on the market, detailed threat intelligence is provided directly to KnowBe4's KMSAT User Events API, where it can then be interrogated by the KMSAT platform to deliver automated behavioral-based training. Egress augments SAT through context-driven alerts that deliver micro-training at the point of risk to further influence security behaviors.

Out-of-the-box bi-directional integration



About KnowBe4

KnowBe4, the provider of the world's largest security awareness training and simulated phishing platform, is used by more than 60,000 organizations around the globe. Founded by IT and data security specialist Stu Sjouerman, KnowBe4 helps organizations address the human element of security by raising awareness about ransomware, CEO fraud and other social engineering tactics through a new-school approach to awareness training on security.

About Egress

Egress is the only cloud email security platform to continuously assess human risk and dynamically adapt policy controls, preparing customers to defend against advanced phishing attacks and outbound data breaches before they happen. Trusted by the world's biggest brands, Egress is private equity backed with offices in London, New York, and Boston.