



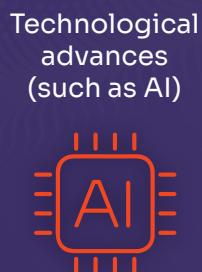
Humans + AI: Better Than Your SEG

The phishing threat landscape continues to evolve at an incredible rate.

Fueling It Are



Ever-increasing crime-as-a-service ecosystem



Technological advances (such as AI)



Cloud services and applications

The Attack Methods Are Often Two-Pronged

1

Takes advantage of weaknesses in traditional secure email gateway (SEG) platforms

2

Rely on social engineering to bypass technical defenses altogether to target your users

What SEGs and Others Miss

Over an eight-month period, KnowBe4 PhishER Plus data show that 22 SEG or email security platforms missed an average of 37% of reported emails that turned out to be threats:

37.6 Million
Total Emails Reported

37%
Threat

28%
Spam

18%
Clean

17%
Unknown

PhishER Plus used a combination of user reporting of suspicious emails and human-validated machine learning to automatically tag 14.1 million phishing attempts. **Every single one of those emails got past one of the leading email security platforms.**



14.1
Million
Threat Emails



58,000
Threats
a Day

300%

KnowBe4 Defend data has found that traditional SEGs miss as much as 300% more phishing attacks per 10,000 emails a user receives since 2025.



Moving Beyond SEGs: Bring Humans Into the Loop

Cyber-aware humans plus AI-powered cloud email security continue to catch what SEGs miss. Modern email security needs an integrated, adaptive approach. Integrated cloud email security catches threats SEGs miss, reducing risk and saving your team time triaging and remediating threats.

What's more, an integrated approach makes humans, one of your best assets, a vital part of the loop.

[Learn more](#)

Explore the KnowBe4 Approach to Cloud Email Security