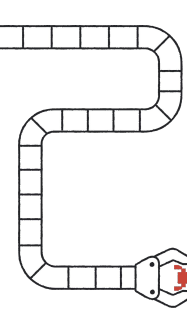# Cybersecurity Forecast 2025

Check out the top five threat trends our security experts anticipate for 2025.

Trend 1

AI continues to have a major impact for attackers and defenders.

Attacker use of AI in operations

Threat actors will increasingly use AI for cyber attacks, including LLMs and deepfakes for sophisticated phishing, vishing, social engineering, identity theft, and fraud.

IO threat actors leveraging gen AI

Information Operations (IO) threat actors will shift to using LLMs to create large volumes of convincing content and support fake personas and inauthentic websites.

Enter the next phase of AI and security

Security teams will be able to focus on high-priority threats as AI further integrates into security operations to automate tasks, streamline workflows, and prioritize risks.

Trend 2

Geopolitics continue to drive nation-state activity.

Russia

The conflict in Ukraine will be a primary focus for Russia, as will espionage against European and NATO countries.

China

China's investments will fuel a high volume of cyber attacks and espionage, with a focus on stealthy and evasive tactics.

Iran

Iran will focus on cyber attacks related to the Israel-Hamas conflict, and continue targeting the Middle East, North Africa, and dissidents.

North Korea

North Korea will conduct cyber espionage targeting primarily South Korea and the US, and cryptocurrency theft to generate revenue.

Trend 3

No end in sight for ransomware and multifaceted extortion.

Ransomware and multifaceted extortion will remain the most disruptive form of cyber crime in 2025 due to its frequency and potential damage. These attacks have wide-ranging impacts, and to date in 2024 have impacted more than a 100 countries in all industry verticals.

Trend 4

Easy access to powerful cyber tools lowers barriers to entry.

As more tools, phishing kits, and as-a-service resources incorporate advanced capabilities, less skilled threat actors and new entrants into malicious cyber activity will have opportunities to carry out operations with greater efficiency.

Trend 5

Rising threat of infostealer malware.

Threat actors are increasingly leveraging stolen credentials obtained through widespread infostealer campaigns. This activity is anticipated to continue and lead to high-impact breaches, particularly in environments where multifactor authentication remains unenforced.
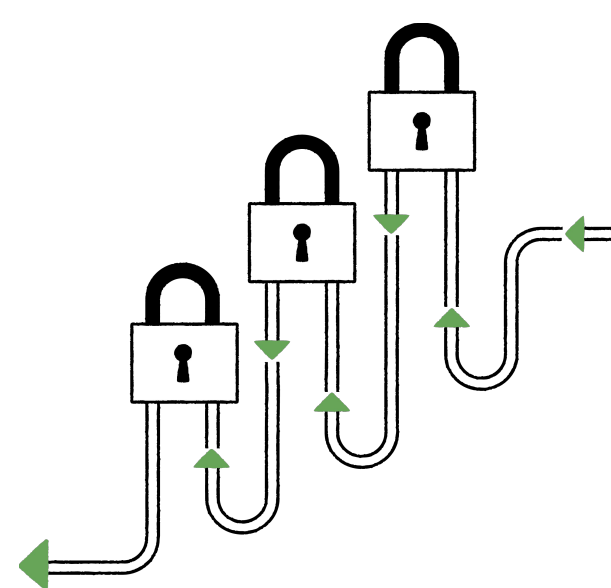
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