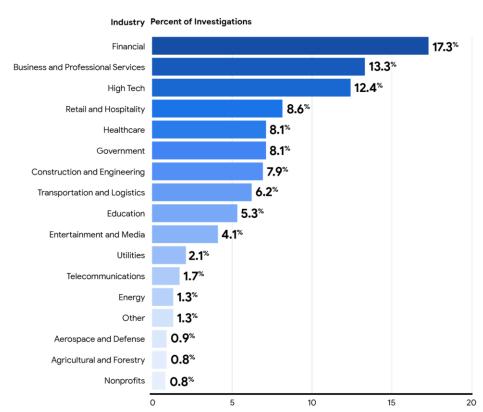


James Reynolds-Brown

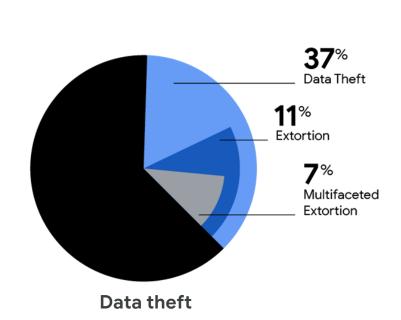
Principal consultant, EMEA Government Mandiant Consulting, Google Cloud

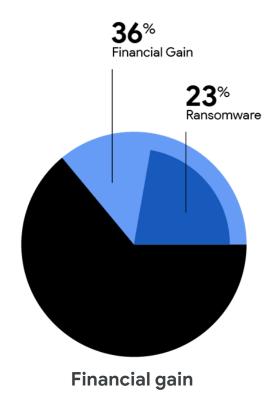
Cyber Threats: bigger and badder

- The top four most targeted industries in this reporting period are financial services, business services, high tech, and retail and hospitality
- 626 new malware families tracked.
- Median dwell time increased to 22 days in 2023 throughout EMEA.
- 22% of intrusions related to ransomware a significant increase compared to only 7% in 2022.x

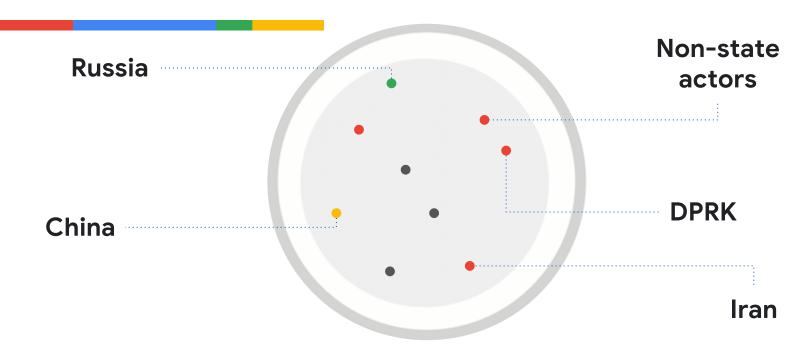


Adversary mission objectives





Threat Picture



...cyber espionage poses an almost continuous and serious threat to NATO member states...

Adversarial use of Al

Deception and Fraud

- Attackers are using AI to help bypass Know Your Customer (KYC) requirements
- Deepfake audio and video
- Tricking biometric verification tools

Augmenting attacks

- Accelerating code development
- Identifying vulnerabilities
- Target selection
- Information operations

Threat to Al models

- Increasing number of compromises against cloudbased identities configured with MFA
- Attackers are overcoming MFA with techniques (web proxy or adversary-in-the-middle (AiTM) phishing pages) that can render MFA

Defender

The **Defender's Dilemma** or a

Golden Opportunity?

What is Google doing?



Secure AI Framework

Enabling a safer ecosystem



Open source tools

Including Magika, a new Al-powered tool to aid defenders



Educational Programmes

Expanding our \$15 million Cybersecurity Seminars Program

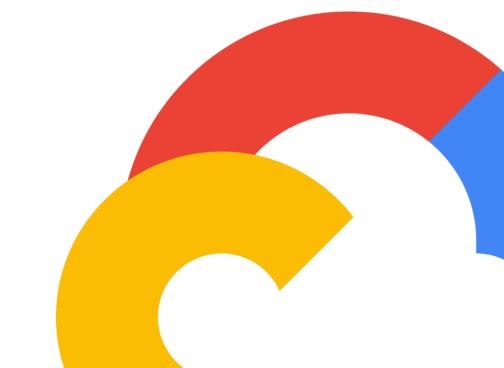


Frontier Models Forum

Advancing frontier AI safety with industry partners



Thank you



Google Cloud