

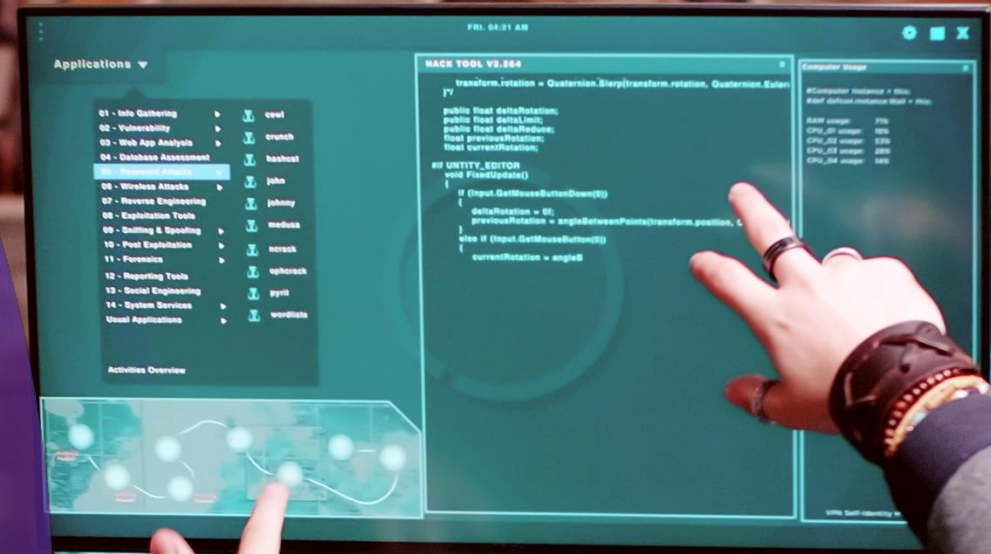
The Insider Threat Tackling Risks from Within the Organization

5th Cyber Security Conference

17 September 2025, Nicosia

Christos Makedonas

Partner, Digital Risk



When Trust Fails

Deepfakes as an Insider Threat

Finance worker pays out \$25 million after video call with deepfake 'Chief Financial Officer'

CNN, Feb 2024



THE WALL STREET JOURNAL.

WSJ PRO

AI Drives Rise in CEO Impersonator Scams

Cyber crooks are using deepfake voice and videos of top executives to bilk companies out of millions of dollars; 'No longer a futuristic concept'

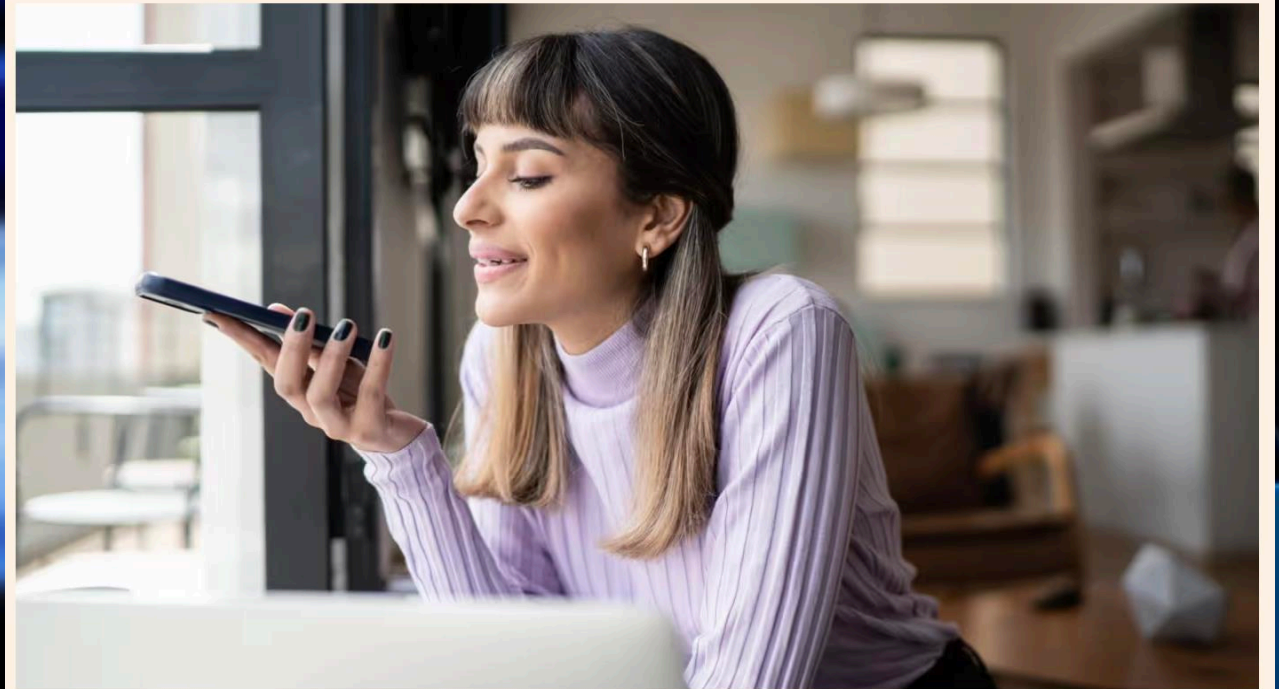
By *Angus Loten*

Aug. 18, 2025 1:50 pm ET | WSJ PRO

FINANCIAL TIMES

UK banks prepare for deepfake fraud wave

Experts warn that rapidly developing technology threatens to 'put financial crime on steroids'



Deepfakes and voice cloning are getting easier to generate, meaning scammers have the potential to target far more people and with a higher rate of success © Getty Images

Insider Threat

Exploring the Varieties

Types of Insider Threats



Intentional /
Opportunistic
Insiders



Negligent
Insiders



Compromised
Insiders



Third-Party
“Insiders”



Collusive
Threats

Emerging Insider Threats



AI Impersonation
(Deepfakes)



Prompt Injection /
Training Data Poisoning



Malicious AI Chatbots



Shadow AI
(Unauthorized AI Use)



Misinformation from
Infected Chatbots



Synthetic Social
Engineering

Traditional Insider Threat Story

How Hackers Impersonated Employees and Stole > €1M in Bitcoins from a client

An Insider Threat story

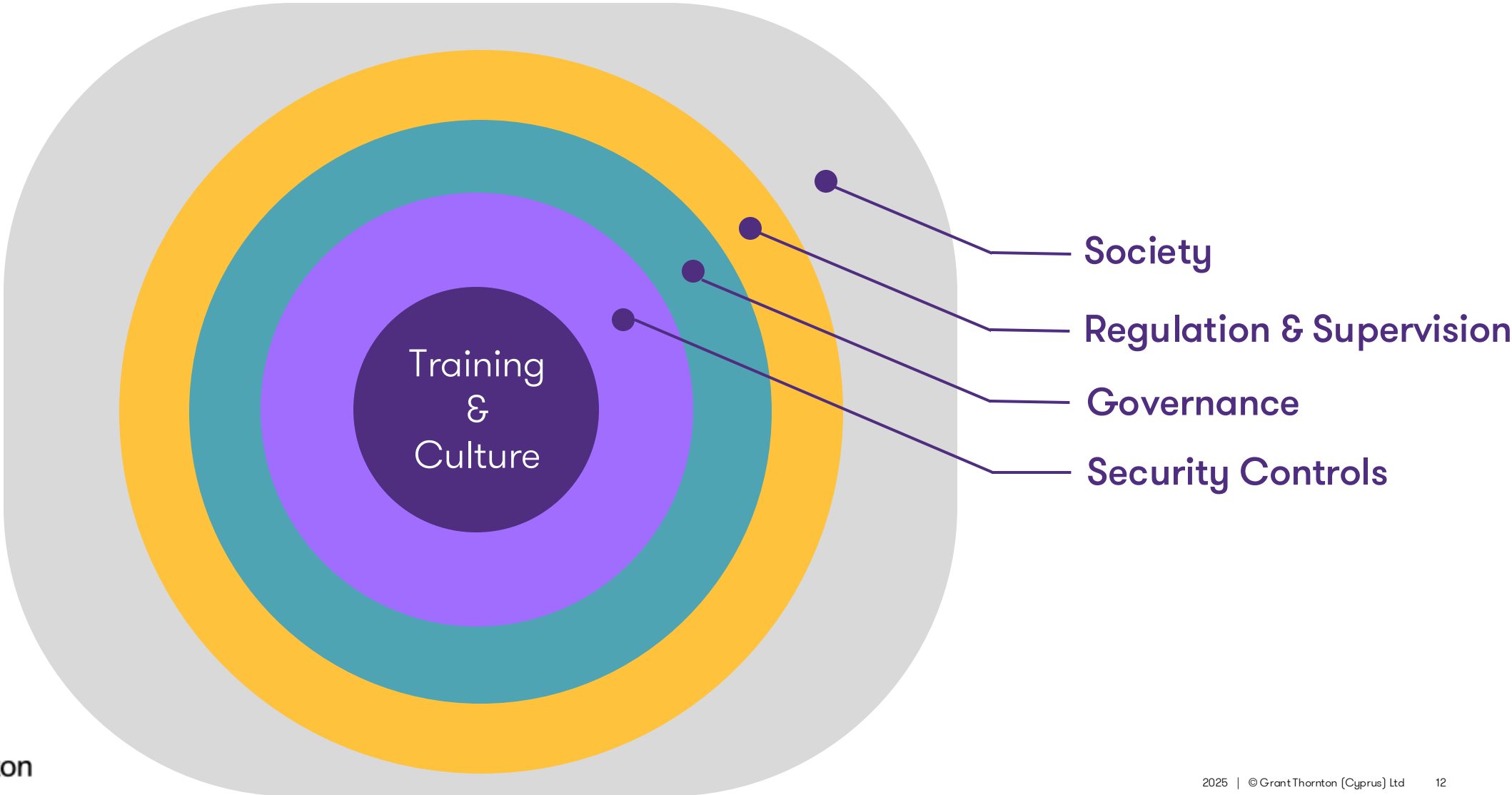
“Our team was asked by a law firm to investigate a suspected **Bitcoin fraud** case. The case involved a client’s failed withdrawal attempt from a trading account. The client was first contacted by **Email**, then by **Phone call**, and later via **WhatsApp** by someone posing as a financial employee (using what appeared to be the company’s legitimate resources), who asked him to make a deposit for verification and persuaded him to install **AnyDesk** for remote assistance. During remote access, bitcoin transfers were made from the client’s wallet.”



From Regulations to Operations

Addressing Insider Threats

Addressing Insider Threats



Thank You



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