

CYBER BULLETIN

CEO Deepfakes Rising

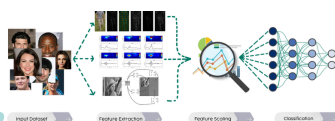
Deepfakes: AI Posing Risks

GANS (DEEP LEARNING)

TARGET: Government, Businesses and the general public domain.

IMPACT: Misinformation, election manipulation, political instability, financial fraud, scams, and erosion of trust in digital content.

MITIGATION: AI-based detection tools, strict regulations, global policies and public awareness campaigns.



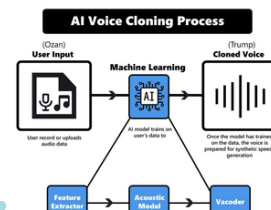
CEO Impersonation Scams

AI VOICE CLONING

TARGET: Corporate executives (CEO, CFO, senior leaders), finance teams, IT admins and employees with privileged access.

IMPACT: \$200M+ financial losses, legal exposure from data breaches and reputational damage from loss of trust.

MITIGATION: Apply Microsoft's July 2025 patch. Restrict SharePoint access to internal/VPN networks.



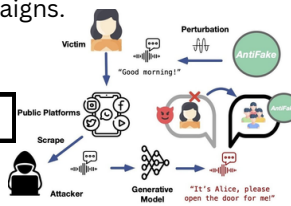
Deepfake CEO Scams

AI VOICE

TARGET: Corporate employees, especially finance and IT staff.

IMPACT: Financial losses, data breaches, reputational damage and erosion of trust in this single scams can cost millions.

MITIGATION: Employee training on red flags, multi-step verification for sensitive requests and AI-based detection plus multi-factor authentication.



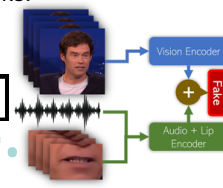
Multimodal Deepfake Fraud

COMBINED AI-GEN CONTENT

TARGET: Employees and the public, vulnerable to complex fraud scenarios.

IMPACT: High risk due to tech gap—human detection accuracy is low (images ~62%, videos ~24.5%), AI detection can lose up to 50% accuracy in real-world cases.

MITIGATION: Employee and public training to spot inconsistencies, human-centric awareness programs, and continuous education alongside technical defenses.



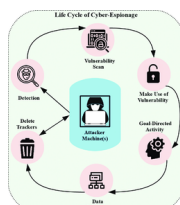
Geopolitical Cyber Espionage

CREDENTIAL THEFT

TARGET: Energy and critical infrastructure sectors, including government and industrial networks in Europe and South Asia.

IMPACT: Loss of confidential data, operational risk to critical infrastructure, and long-term strategic intelligence compromise.

MITIGATION: Restrict VPN use to approved apps. Regularly rotate and monitor privileged credentials. Deploy EDR to detect unusual VPN activity and train users on risks of unauthorized VPN tools.



Ransomware Resurgence

DETECTION EVASION

TARGET: Healthcare, logistics and government organizations

IMPACT: Systems encrypted and sensitive data leaked ransom demands between \$5M-\$15M. Some campaigns used exfiltration-only tactics skipping encryption to evade detection.

MITIGATION: Maintain offline backups and test recovery. Network Segmentation to isolate critical assets. Use AI Detection for anomaly and exfiltration monitoring





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CYBER SECURITY
POSTER OF THE DAY

**Stay alert for
AI-generated
deepfake videos
and voice scams**

**Fraudsters now
use advanced AI
to convincingly
mimic loved
ones or officials**

**Making verification
through a second
channel is essential**

#Deepfake
#VoiceScam
#AIFraud



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