



STAYING AHEAD: HIGH-STAKES TESTING IN A FAST- MOVING WORLD





Cheating isn't new.....



Table discussion

In your tables discuss the following questions: (10 mins)

- › What security challenges pose the greatest risk to your institutions' admissions process—from application submission through enrolment?
- › How is your institution responding to these challenges, and where do you see the biggest gaps or opportunities for improvement?

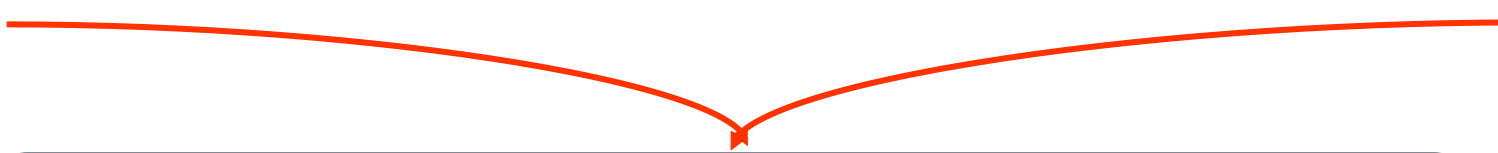
» Security Threat Landscape in English Testing

ONLINE PROCTORING

- Proxy test takers and identity fraud
- Not alone in the room; screen sharing
- Deepfake overlays
- Remote-access tools, HDMI splitters, AI help

TEST CENTRES

- Fake or tampered identity documents
- Covert Bluetooth earpieces, removed by magnet
- Microphones behind ears or in face masks
- Candidate substitution (enabled by test centre collusion)

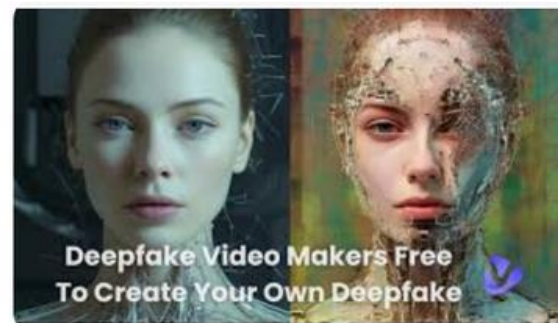
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- Item harvesting: live exam content captured and shared
 - Memorised scripts: pre-prepared/rehearsed responses

The Rise of Deep Fake Technology

Generative AI and machine learning to create convincing and often deceptive fake videos, audio recordings, or other digital content.



I Blow ...



Vidnoz AI
Deepfake Video Maker ...



Dataconomy
Top 18 Deepfake AI Tools That Will Blow ...



YouTube
3 FREE DeepFake Vid



for ...



Vidnoz AI
7 Best Free AI Deepfake Video Ma...



YouTube
real-time Deep Fake | Tutorial ...



KnowledgeNile
Tools for Creating Convincing Deepf



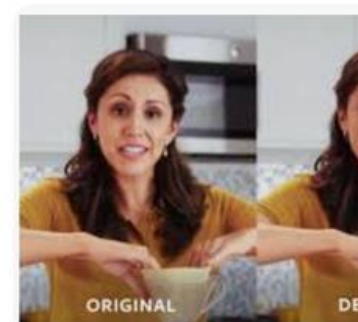
2024



SciTechDaily
New Deepfake Spotting Tool Prov...



Beebom
12 Best Deepfake Apps and Websites Y...



MIT Technology Review
Making deepfake tools doesn



HOW DO WE COMBAT THESE CHALLENGES?



» PeopleCert Technology Landscape

- › A team of **200+ committed professionals** in **Software Development, Data & AI, Information Security, and Digital Experience**.
- › **Proprietary technology systems embedded** across **all operational stages**.
- › **Secure, scalable, innovative** and capable to **support regulated and non-regulated environments**, such as **UKVI & TfL**.
- › **In-house development of core systems**, ensuring full control, innovation, and independence.
- › **Continuous talent development** through our **Technology Academy**.

A Four-Part Online Security Framework

ONLINE PROCTORING

01 IDENTITY CHECKS

- Passports only; security features checked
- Chip read via ExamShield Mobile (RFID/NFC)
- Live photo match and liveness detection
- Checks vs flagged, banned people, devices

02 LIVE SUPERVISION

- Live proctors via Many2Many software
- ID, prohibited-item and 360° room checks
- Continuous video and audio monitoring
- Deepfake-trained proctors, AI-assisted alerts

03 DEVICE & ROOM

- Laptop and wired headset only
- ExamShield blocks VMs, remote access, extra screens
- Second camera: room, hands, keyboard, screen
- Feed drop-out halts the test; all recorded

04 OPERATIONS

- ISO 27001 and ISO 23988 certified
- Double-encrypted item bank
- AI similarity and data-analysis tools
- Secure results verification portal

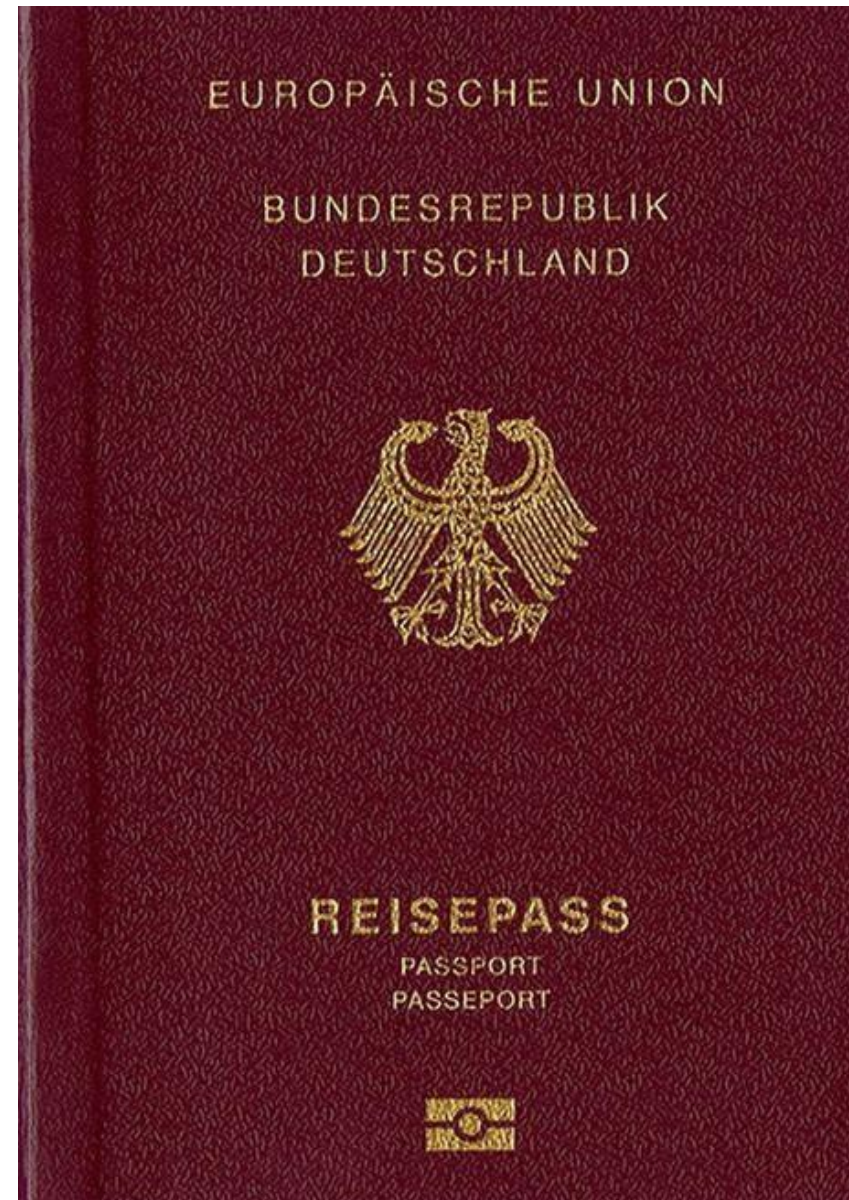
NFC ID Verification

NFC (Near-Field Communication) technology

allows devices like phones and smartwatches to exchange small bits of data with other devices and read NFC-equipped cards over relatively short distances.

NFC chip scanning

allows access to data stored within the ID document's NFC chip:
photograph, name, last name, date of birth.



ExamShield Mobile





HIGH STAKES TEST CENTRES

- › In-person ID checks, UV Readers
- › Workstation cameras, CCTV
- › Wands and accessory checks
- › Live central monitoring
- › Automated workstation photos
- › Audits, suspension, termination

Verification That Stays Current

RESULT VERIFICATION

STEP 1

Candidate shares result

Sent securely from their online account



STEP 2

Institution verifies

In the SVS by URN or Candidate Number; test-day photo vs applicant ID



STEP 3

Concern escalated

Institution raises it with the Quality team



STEP 4

Quality investigates

ID vs test-day evidence, photos, exam records; voice check with consent



STEP 5

Outcome shared

Formal validity outcome; institution told if a result is invalidated

Deter, Prevent, Detect, Respond

OUR APPROACH

Principles behind every control

- Multi-layered: deter, prevent, detect
- Live human proctoring, AI-assisted
- Operations controlled in-house
- Risk-based: effort follows exposure
- Humans make every final decision

1

Identity assurance

KYC biometrics, passport-chip reads, imposter matching

2

Exam-room visibility

Second camera online; workstation cameras in HSTCs

3

Risk-led monitoring

Focus on higher-risk qualifications, regions, centres

4

Investigation and enforcement

Digital case workflow, voice comparison, centre sanctions

5

Assurance and governance

Exam Security Team, expanded audits, independent Panel

Thank you!
QUESTIONS?

Q LANGUAGECERT®

by PeopleCert