iProov Biometric Solution Suite for Effortless, Secure Travel and Border Crossing

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The Challenges and Opportunities for Effortless, Inclusive, Secure Border Management

Current Pain Points

- Increasing pressure leading to multiple bottlenecks
- Poor traveler experience
- Staff costs and inefficiencies

Effortless, Secure, Usable DTC Solution

- Achieve higher throughput, usable, **highly secure identity solution**
- Move identity checks away from the entry/exit point
- Combining multiple checks in a single transaction

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Biometrics Enabling Effortless, Inclusive, Secure Travel

- Zero effort, secure enrolment from the couch
  - Trusted document capture
  - Trusted face capture (+ option of fingerprints)
  - Privacy preserving and inclusive
- Integration with existing systems
- Standards-based information flows
- Free-flow high throughput authentication technology at the gate
  - No stopping, increase throughput

85% of travellers would use pre-travel remote verification*

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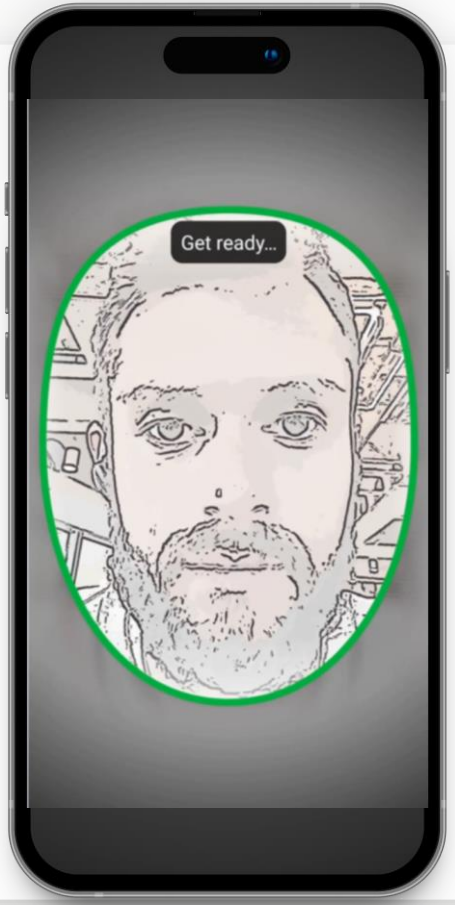
*2022 iProov Consumer Survey

Dynamic Liveness

- High-security passive challenge-response
- Protection from reverse engineering
- Mitigates presentation and advanced digital injection attacks
- WCAG 2.2 AA conformant for accessibility
- eIDAS Level of Assurance High accredited



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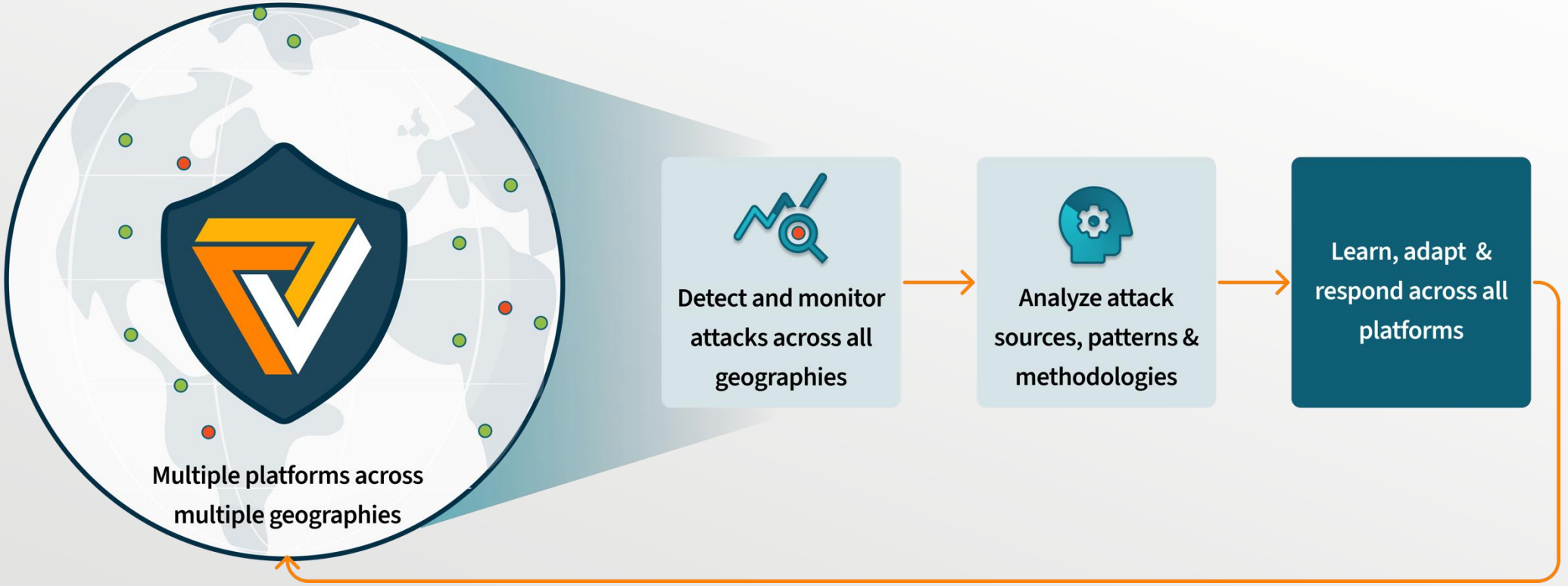
Building Resilience:
Sourcing Biometric Threat Intelligence



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Threat Intelligence 2024
Face Swaps: The Attack of Choice

704% increase (H2 over H1 2023)

- Bad actors can attack at scale
- Quality now imperceptible to the human eye (even with complex actions)
- Poses a threat to identity verification systems

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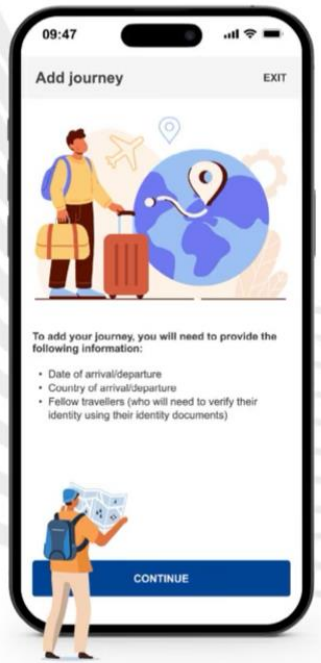
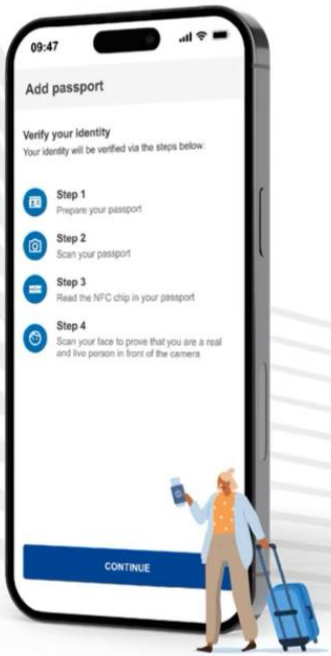
iProov Supporting Quick Borders App with Liveness Detection

JOURNEY



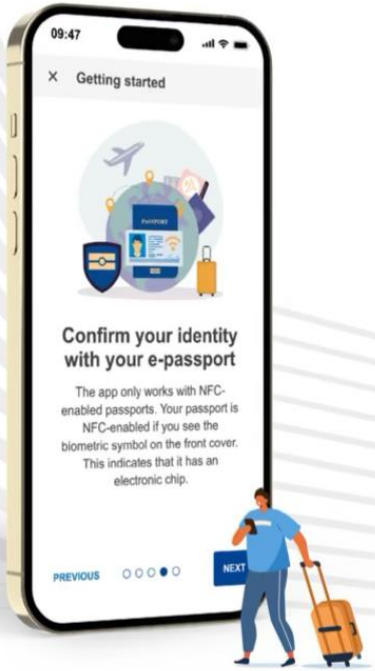
Provide the details of your journey

REGISTER



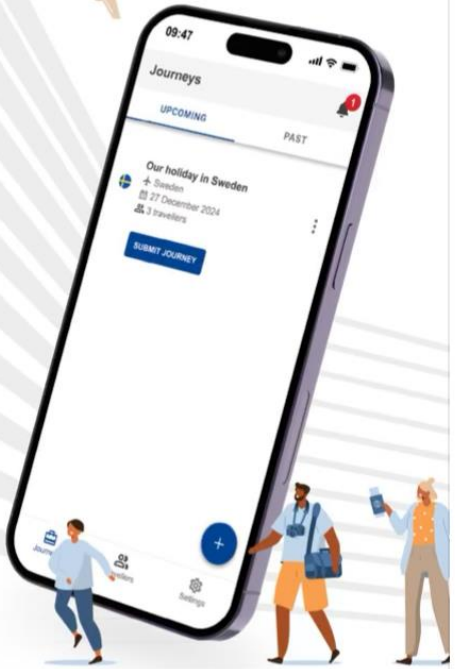
Identify yourself

FAST



With your electronic (NFC) passport

READY...



...TO GO!

iProov Remote Fingerprint Capture

- Remote contactless fingerprint capture in approx 30 seconds – COVID secure
- Eliminates the need for individuals to visit a location to capture fingerprints
- Device agnostic – usable on any device with a rear-facing camera
- Liveness detection to prevent spoofs, e.g. photos, finger molds, or artificial fingertips

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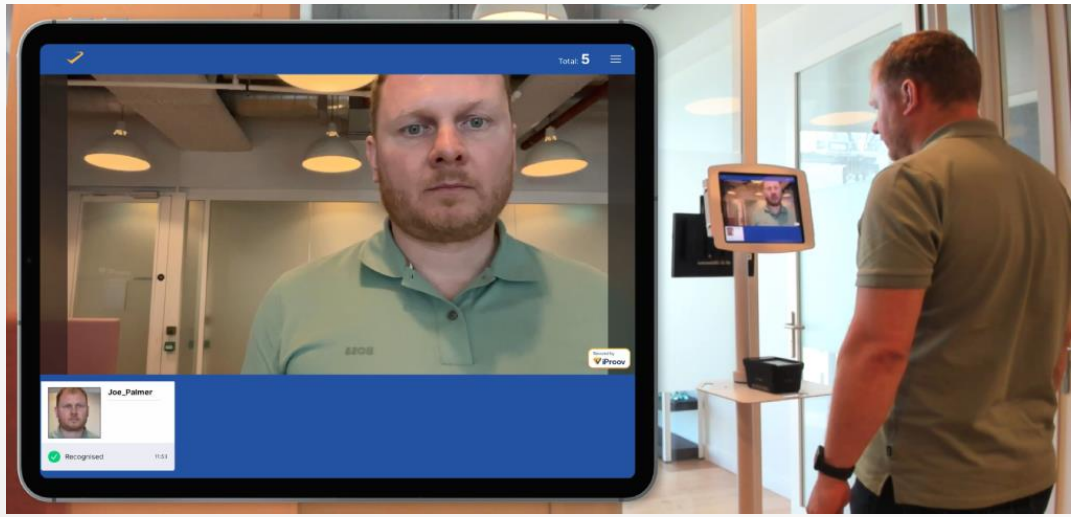
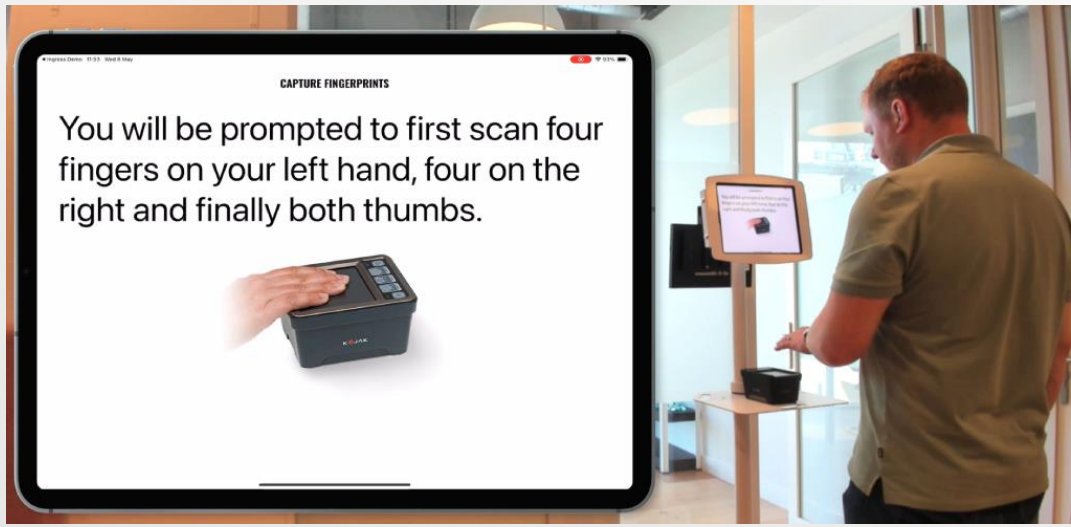
iProov Face Biometrics with Integrated Biometric Scanners for On-site Fingerprint Capture

Inclusive option for on-site fingerprint capture

- Face biometric authentication at the location before fingerprint capture
- Enables integrated biometric scanner to capture fingerprints in a **supervised environment**
- Ability to add fingerprints captured within a DTC (along with face biometric and passport etc)
- Approx 30 seconds process





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The World's Most Accredited Biometric Vendor

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iProov Supporting EU SafeTravellers Program

Future of Borders

- Biometrics for high assurance and security
- Deliver a high customer experience without queues and bottlenecks
- Improve operational efficiencies and manual processes
- iProov Face Liveness for Presentation Attack Detection, option for Fingerprint Liveness and Presentation Attack Detection

SAFE TRAVELLERS

SECURE AND FRICTIONLESS IDENTITY FOR EU AND THIRD COUNTRY NATIONAL CITIZENS

REPÚBLICA PORTUGUESA JUSTIÇA

MINISTRY OF THE INTERIOR

MINISTRY OF INTERIOR OF THE SLOVAK REPUBLIC

European Association of Airport and Seaport Police

European Association for Biometrics eab Human Identity in Europe

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Thank You

[redacted]

Real Person Right Person Right Now

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