

The Future of Border Control July 2025

Paul Cross

SITA at Borders

Borders update - A Technology Market on the Move



Gradual introduction starting in 2025



New standards impacting in 2026



International Migration Outlook 2024



Apple supporting digital passports in IOS26



Directions for Digital Wallets and DTCs



World Migration Report 2024



Proliferation of ETAs and eVisas



Tourism Impacts



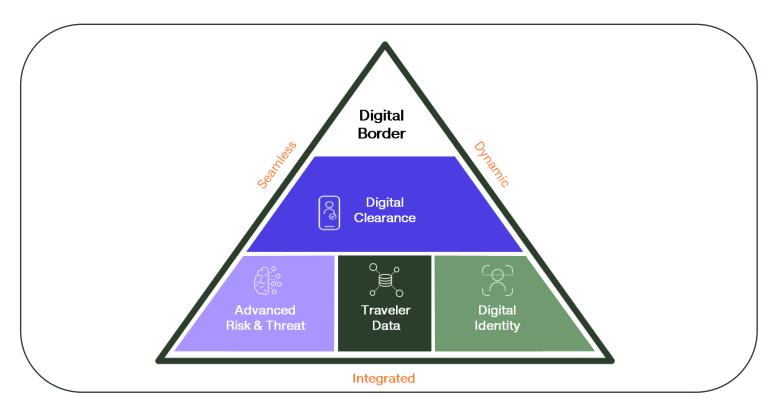
Adoption of Kiosks and Gates



EU AI Act enters into force

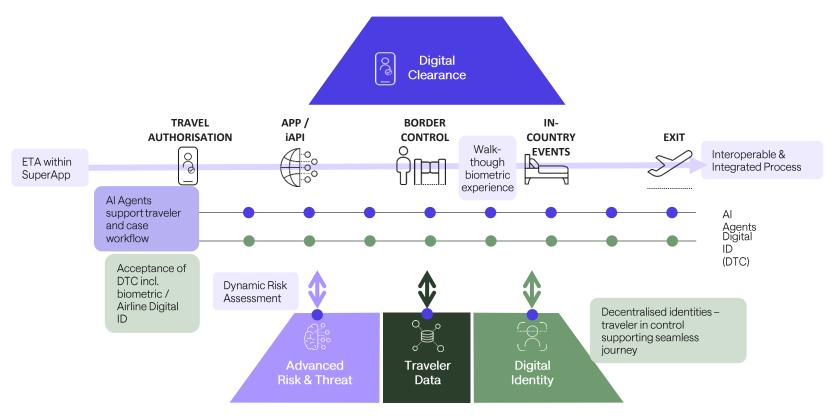
Future of Borders – Design for Agility

The world is changing faster than ever



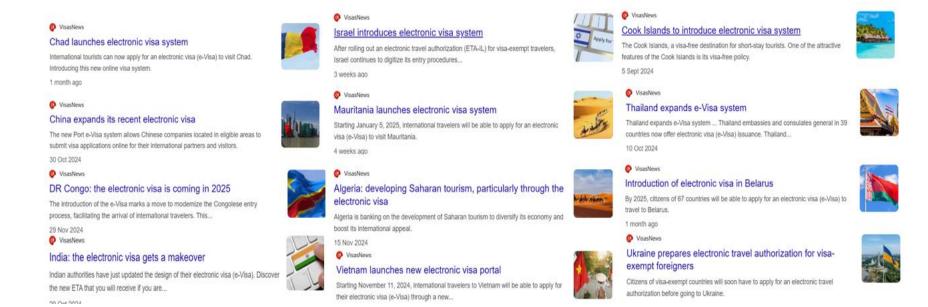
The Border and Beyond – Digital Credentials and Trust Networks

The Digital Border and Beyond



Industry Directions - Proliferation of ETA and eVisa Schemes

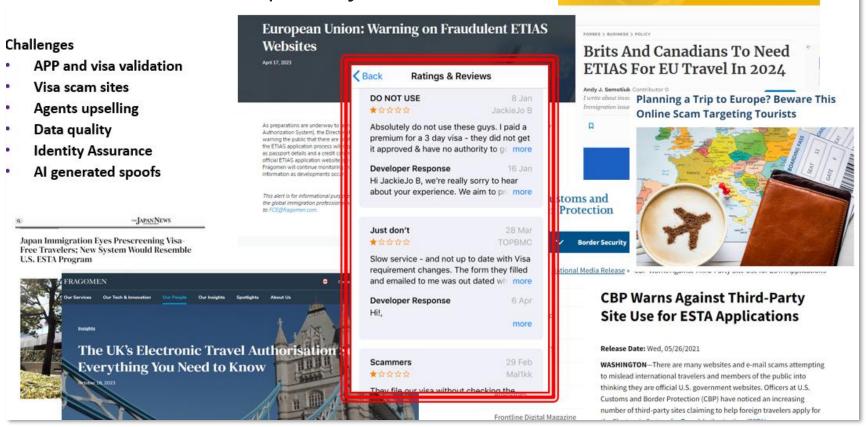
As at Q1 2025, there are 37 African countries with ETA/eVisa, 13 in the Americas, 38 in Asia, 3 in Europe*



ETA vs eVisa vs Travel eDeclaration vs eTourism Fee Payment etc

*https://visasnews.com/en/e-visa-eta-these-destinations-offer-travellers-an-electronic-visa-in-2025/

Benefits of Mobile Capability



Forbes

Tourism Challenges

- Immigration Identity and Immigration fraud
- Customs Illicit goods
- Intelligence National security, public protection
- Health/Quarantine/Biosecurity
- Tourism planning and marketing effectiveness
- Biosecurity hazards Viruses, algae, waste, pollution











The Future of Mobile – an Ecosystem Evolving





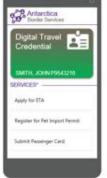






- Digital Identity
- Verifiable credentials
- Al Agents





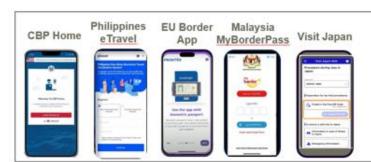












- + Airline apps
- + Airport apps
- + Travel apps
- + Cruise apps
- + etc



Mobile Building Blocks – SITA Identity Framework (SIF)

Identity Assurance underpins all the pillars of border protection - Character, Health, Intent, Compliance Risk

Onboarding

OCR Document

RFID Read

Biometrics Capture

Verification

Verified Profile



User provides consent for the information collection process.



User scans their passport or license.

Data is extracted from the document.



Chip read for additional data and quality.

Perform Passive Authentication (PA) using ICAO PKD.



Users captures their face and liveness.



Face capture compared to document profile.

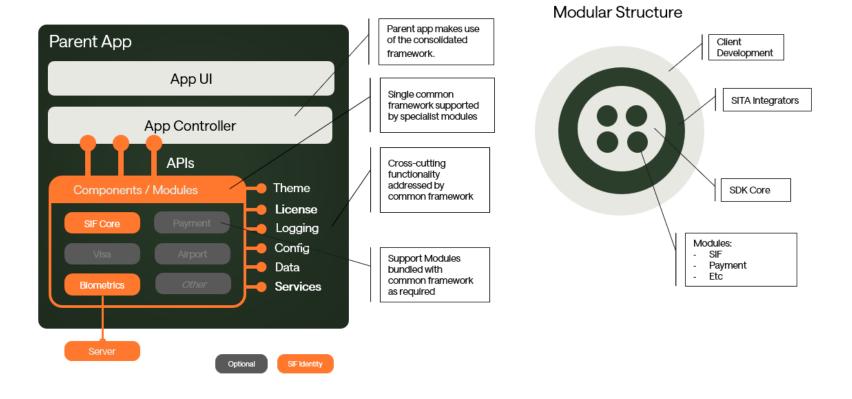


Verification result provided to the parent app.

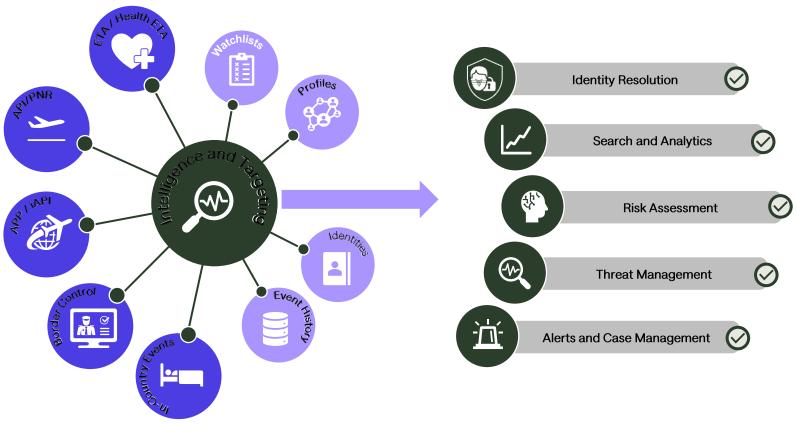
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The Future of Mobile - Modular Design



The intelligence behind border operations and passenger experience



Border Control eGates and Kiosks

In 2024/25

- Productized new Gates
- Productised new Kiosks
- Demonstrated flexibility to integrate different gates from different providers

Leveraging broader capabilities

- Existing airport and airline support teams
- Mature productisation process
- Mature end-to-end delivery model
- Aligned with global contact center support





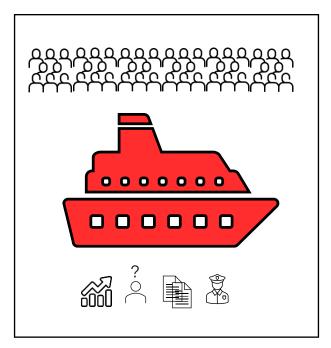
Growing demand for BC

- Opportunities across all GEOs
- Several new awards, including large deals and combination of multiple Digital Clearance products
- Roadmap and team reorg to support growing demand

Roadmap Achievements

- Enhanced workflows for 1:n face
- Seamless Workflows for DTC
- Mobile and Kiosk enrolment
- Support for different ID documents

Maritime Key Takeaways



One cruise company has recently approached 4 large countries for interactive APP

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Country Challenges

- Exploding cruise ship volumes
- New Ports
- Poor quality data
- Limited resources
- Inadequate port infrastructure
- · Visa free arrival via maritime
- · People trafficking/smuggling
- Identity and immigration fraud
- Reliance on manual processes causing delays
- Security exposures

Industry Directions

API PNR Contact Committee February 2024

- International committee responsible for API/PNR expands TOR to cover Maritime;
- Promotes guidelines for use of API, and BRI/PNR data for facilitation and enforcement purposes;
- · Addition of CLIA and IMO into Committee

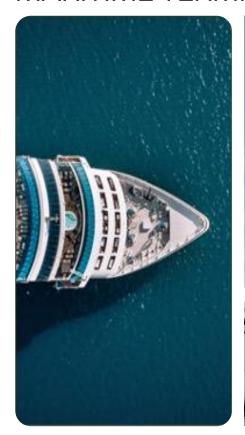
WCO Data Model v 4.1.0 June 2024

- Comprehensive Booking Reservation Information (BRI)
- Aligns with PNR risk management, crossborder operations and supporting digital transformation.

SITA Perspective

- Simplify complex ship reporting for compliance with multiple government requirements
- Use interactive APP to keep risks away from the border/boat.
- Whitelists based on high quality data for managing workload.
- Biometrics and DTC for identity assurance, off-port processing and facilitation

MARITIME TERMINAL OF THE FUTURE







SITA