



LAM•LHA

SECURITY INNOVATION

FRONTEX INNOVATION DAY:
FACILITATING API COLLECTION IN THE MARITIME ENVIRONMENT

WHAT WE DO

LAM LHA is an innovation consultancy.
We help bring disruptive solutions to the
aviation and security markets, faster.

New Market & Growth

The aviation and security sectors are hot, and it takes a lot to get people's attention. We help you accelerate access to new markets and grow revenue, quickly and sustainably.

Product Testing & Evaluation

Getting a product certified takes time that you don't have. We handle the administrivia of T&E, engaging with local stakeholders to maximize your chances of success, and close out the process quickly.

Regulatory & Compliance

Let's face it, aviation and security are two of the most highly regulated markets out there. You need someone to drive the debate. We help you set the standard and stay in front.

Research & Benchmarking

Research and data matter, like honest input from industry decision-makers. To stay ahead, you must learn quickly and prepare for the future. We reach into our network to deliver valuable analysis when it matters most.

WHO WE SERVE

LAM LHA works with some of the most impactful organisations
across aviation, border, and security.



TECHNOLOGY
BUILDERS



SECURITY
OPERATORS



AIRPORTS &
AIRLINES

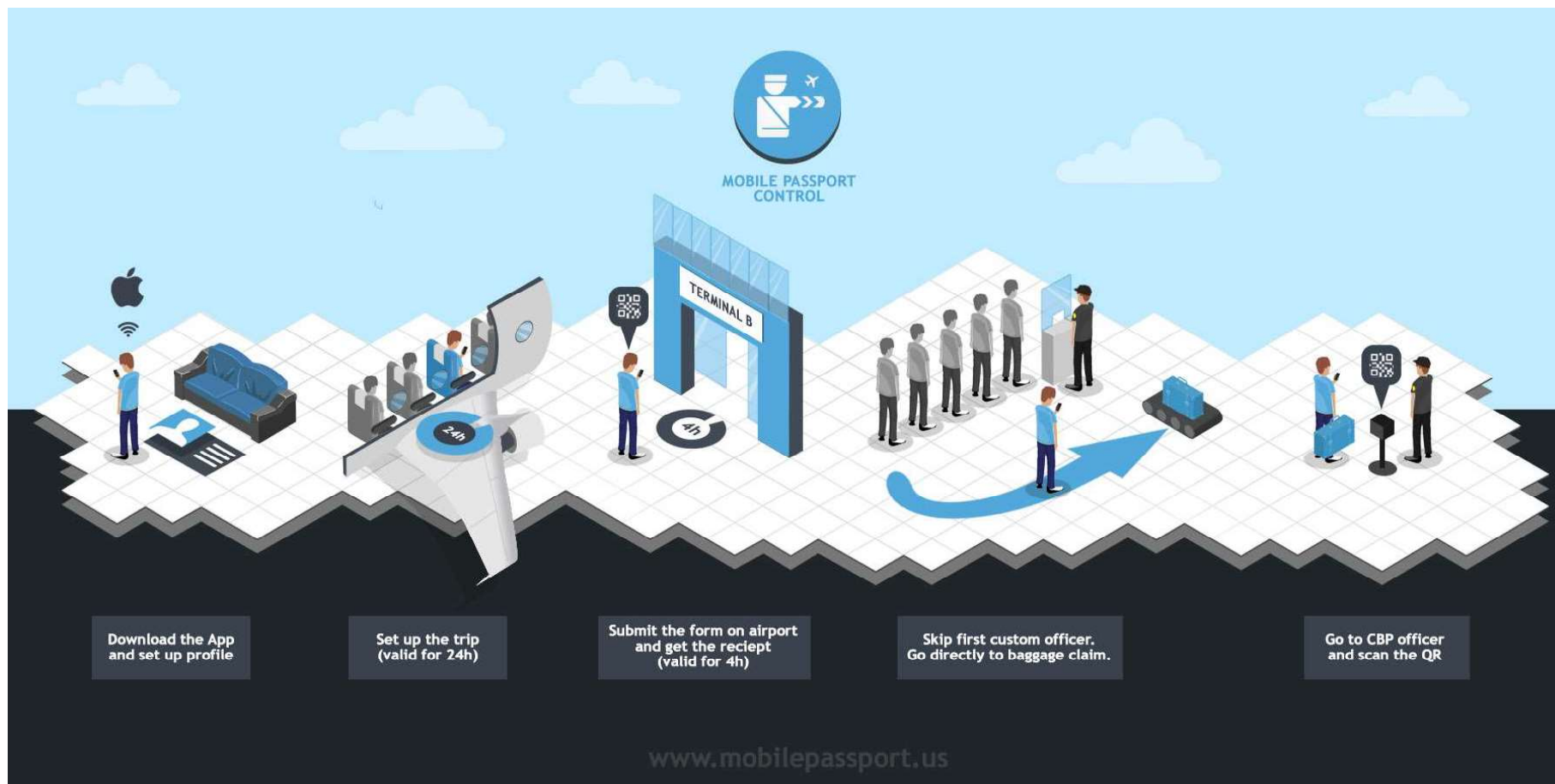


GOVERNMENT
SERVICE
PROVIDERS

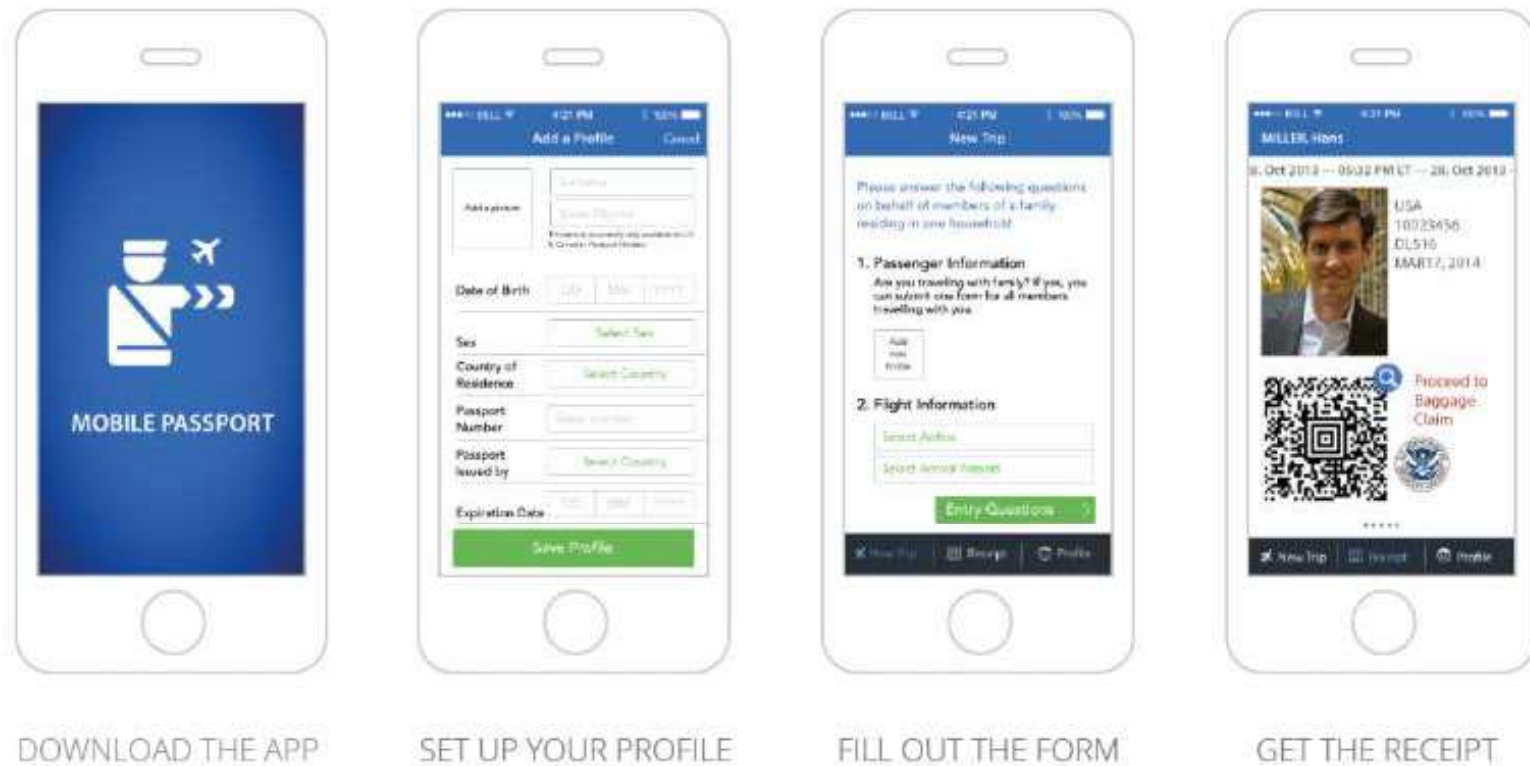


INDUSTRY
ASSOCIATIONS

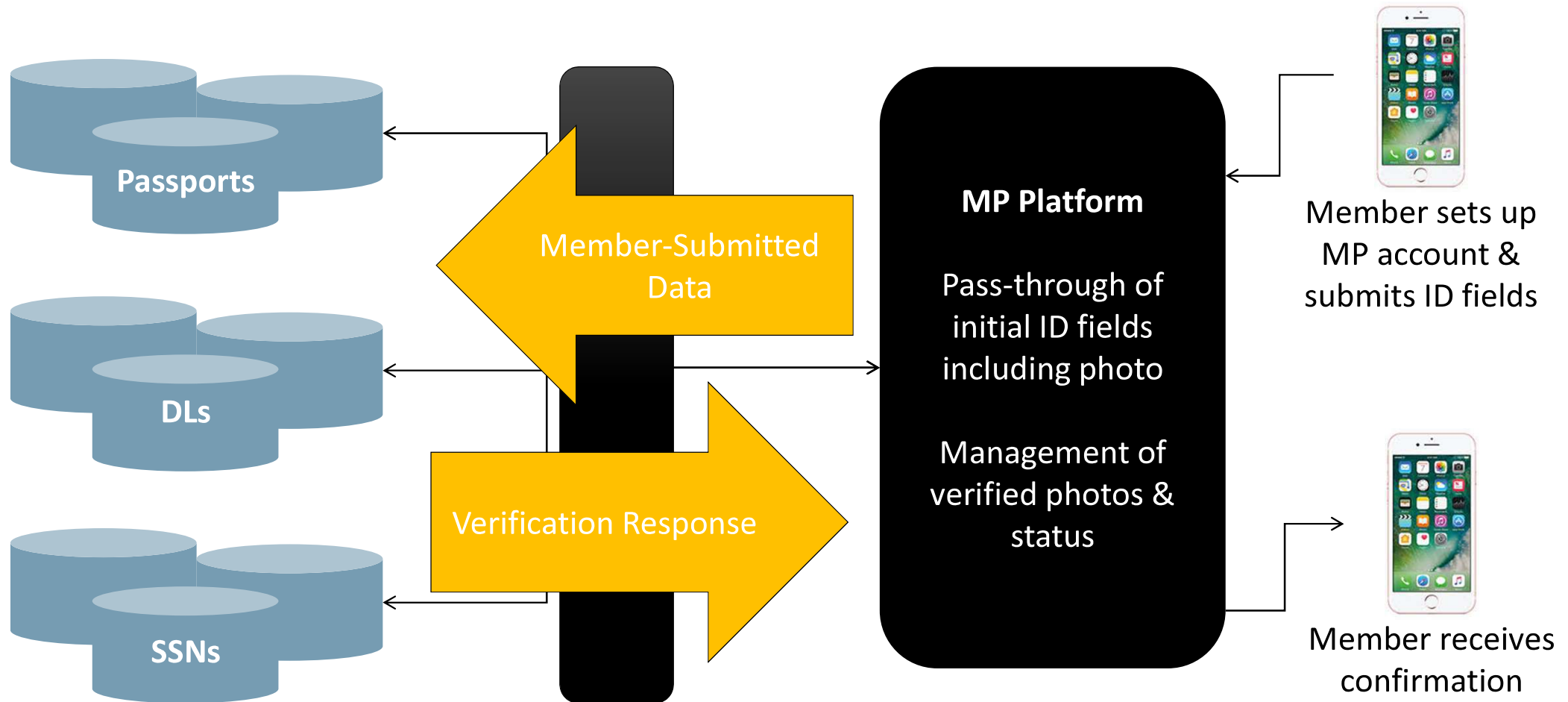
THE CONCEPT



MOBILE PASSPORT APP



Mobile Passport Verification



US CBP CASE STUDY



CBP-Approved Mobile Passport Control processing concept for travelers to US.

01

FASTER ENTRY

Expedited passport control for US citizens and Canadian visitors

02

EASIER USE

Instant enrollment

03

FREE FOR PASSENGERS

7+ million travellers processed

04

LOWER COSTS

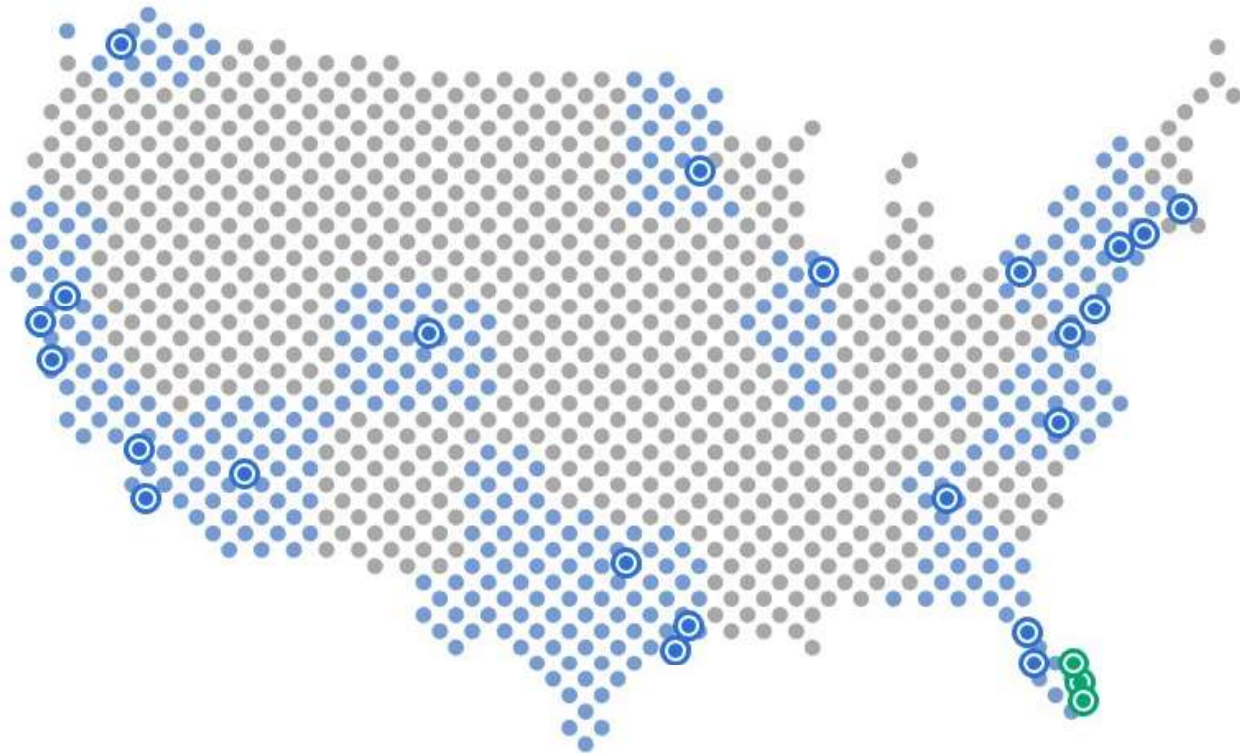
Reduces need for expensive equipment
1/100th the cost of kiosks

05

MORE EFFICIENT

Cuts US CBP process time by 75%

DEPLOYMENT



LIVE AT:

- 25 AIRPORTS
- 3 CRUISE LINES

PARTNERSHIP WITH INDUSTRY

- ACI NORTH AMERICA
- PORT EVERGLADES
- BOEING

MARITIME APPLICABILITY



Photo/Port Everglades

➤ API INTERACTIVE LIGHT

- Passport data collection done remotely by passengers
- Data quality enhanced with reliable capture process (MRZ capture / matching selfie with passport photo) – including ability to update travel details
- Verification of Government Authorities database – response captured in QR code to ease of passenger status verification
- Web-based secured process – IT development and infrastructure investments limited (need a QR code reader) – Information available directly at front line

MARITIME APPLICABILITY

> STANDALONE OR PLATFORM INTEGRATED

- Can be built as part of carriers apps or as stand-alone application by country authorities
- Allow use for one-time enrollment (ESTA/ETIAS) and regular updates based upon travel



Photo/Port Everglades

> EASILY ADAPTABLE TO DIFFERENT NATIONAL PROGRAMMES

- Build in customs declaration form questions, eliminate need for additional paper based form.
- Can be customized ensuring compliance with each Member State regulations and preferred practices

APPLICABLE ACROSS MODES OF TRANSPORT

NATIONAL BORDER CROSSINGS

AIRPORTS

FERRY/CRUISE PORTS

LAND CROSSINGS



TRANSPORTATION PROVIDER

AIRLINES

CRUISE LINES

BUS COMPANIES

TRAVEL AGENCIES

TOUR OPERATORS

CAR RENTALS

HOTEL GROUPS

TODAY: MOBILE PASSPORT AS DIGITAL CREDENTIAL

MPC can be used as a digital credential encompassing a wide range of key elements:

- Secure Token: Encrypted 2D Barcode
- Reference Database: Valid Passport List
- Passport Data: Flight Reservation
- Biometrics: Photo Matching to Database

TOMORROW: INTEROPERABLE IDENTITY

‘Mobile Proof’ is an interoperable MPC account structure concept for sharing consumer-owned identity and biometric data:

- Digital ID Locker
- Consent-driven
- User-controlled
- Private by Design
- Easy to implement with legacy systems
- Biometrics repository



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