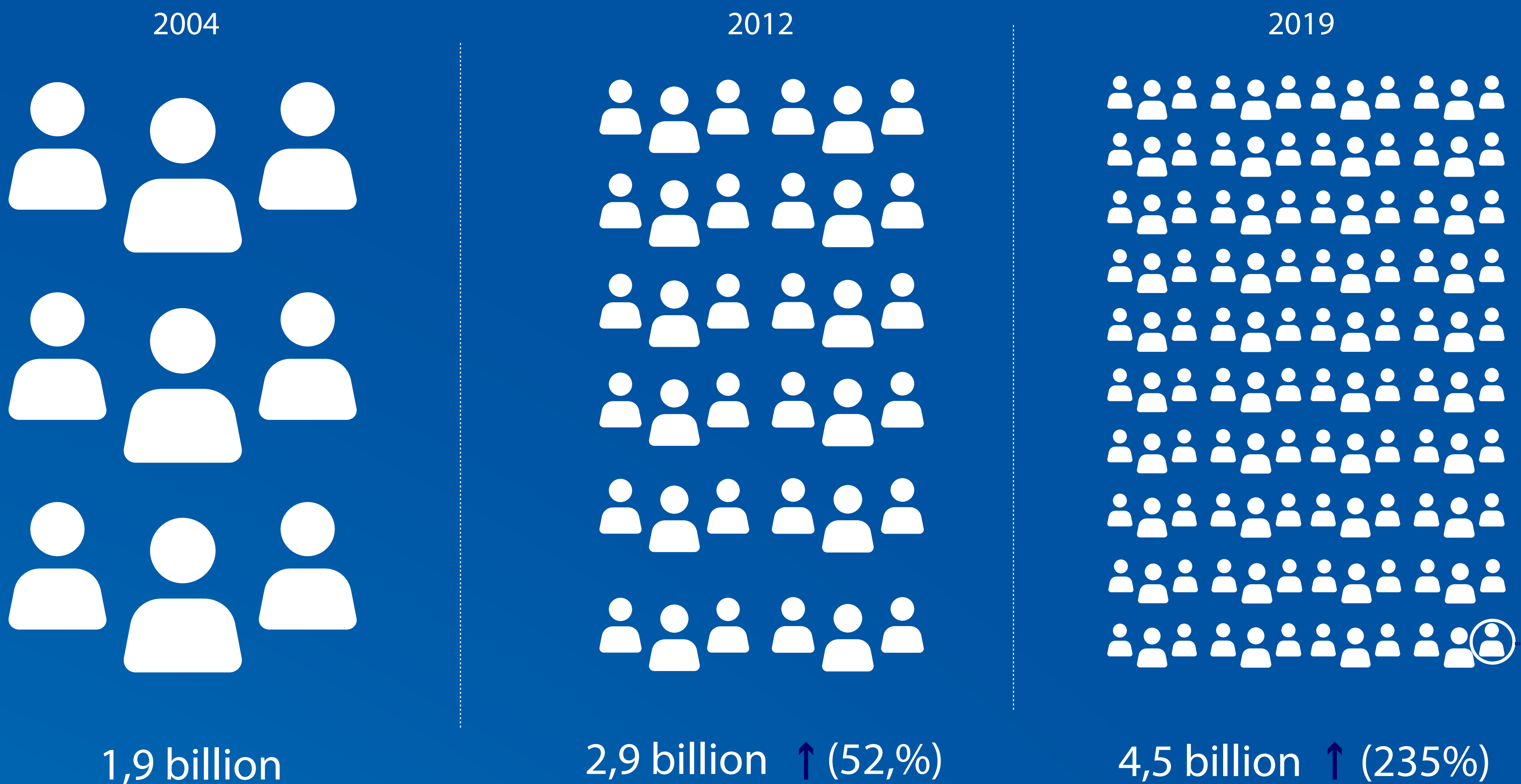# WCC HERMES

*A Passenger Screening Solution that enables governments to manage large volumes of ID data to protect borders and citizens while securing optimum passenger flow at all kinds of borders, airports, and seaports.*

## TOURISM AND TRAVEL BETWEEN COUNTRIES

*NUMBER OF SCHEDULED PASSENGERS BOARDED BY THE GLOBAL AIRLINE INDUSTRY*

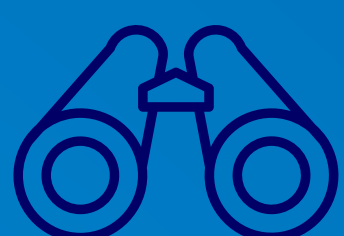| 2004 | 2012 | 2019 |
|---|---|---|
| 1,9 billion | 2,9 billion ↑ (52,%) | 4,5 billion ↑ (235%) |

*Source: Statista 2021*

INCREASINGLY GROWING NUMBER OF COUNTRIES REQUIRES AIRLINES PASSENGERS DATA, SUCH AS ADVANCE PASSENGER INFORMATION (API) AND PASSENGER NAME RECORDS (PNR)

## API

API is mandatory for all United Nations member states and it usually consists of data found in the Machine Readable Zone (MRZ) of passports and other travel documents.

## PNR

PNR is used in a complementary way to help law enforcement agencies identify possible suspects, it contains data provided by travelers at the time of booking, and are held in airlines' reservation systems until check-in.

It crosses the passengers' list data against multiple watchlists, from national law enforcement-controlled databases to International watchlists such as Interpol's.

Additionally, ruled-based targeting allows the officer to filter the database with 'rules' that might indicate anomalies.

### POSITIVE MATCH
- Indication from which watchlist(s) occured the matching(s)
- The degree of the flagged concern
- Officer or Border Agent actions:
    Rejecting or promoting it to a hit
    Register a note of what happened

### MAIN BENEFITS
- Enhances speed
- Reduces workload
- Facilitates "manual" check after the automation

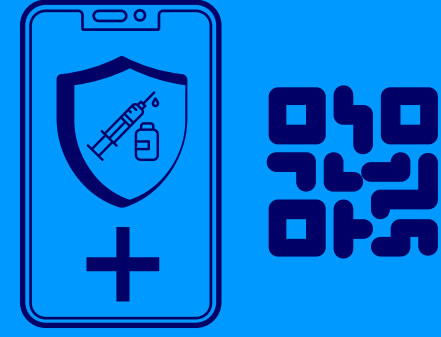# HERMES IS A PASSENGER SCREENING SOLUTION FOR BORDER MANAGEMENT
### THAT NOT ONLY AUTOMATE EXISTING MANUAL PROCESSES BUT ALSO IMPROVES IT IN DIFFERENT FORMS
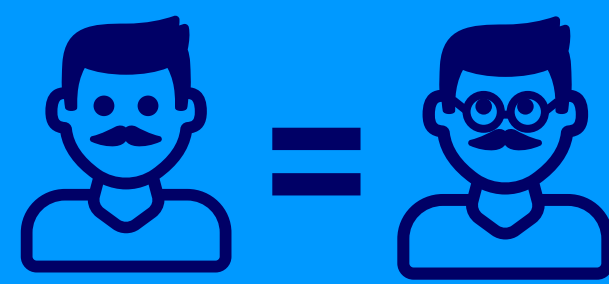
## INTERACTIVE API

It's a two-way communication between the departure and arrival airports, allowing to start the verification 24h before the departure of the flight. The data flow is not a one way communication as it used to be.
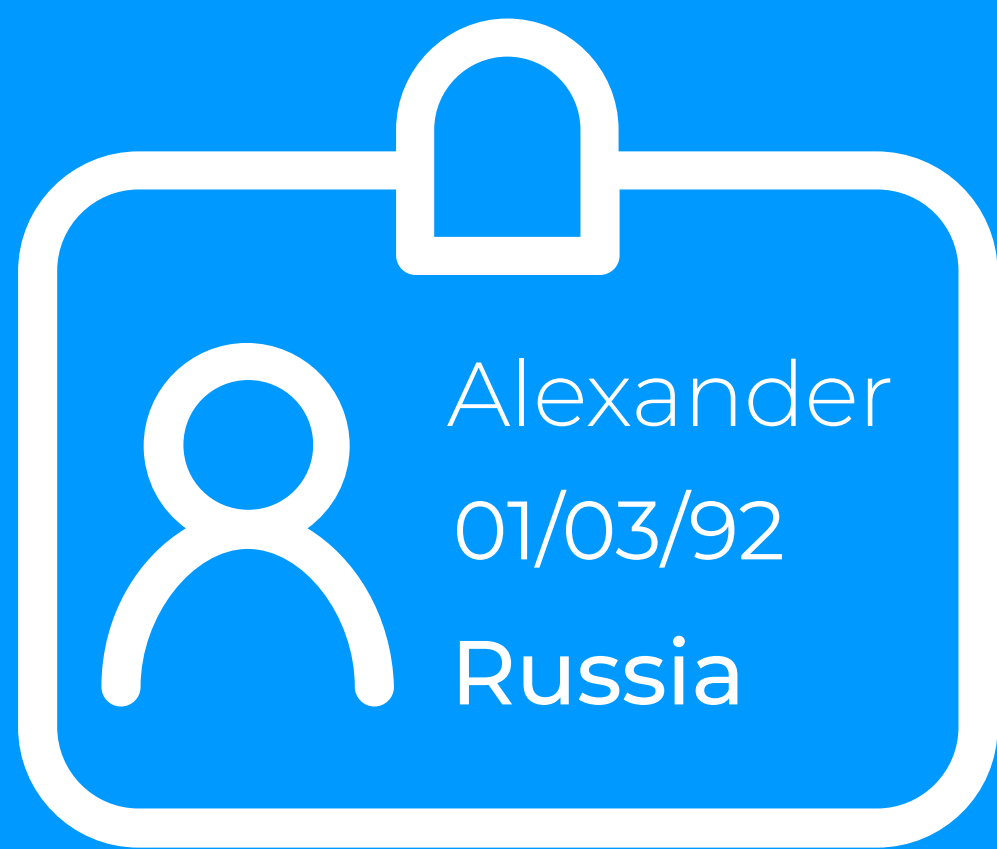
## HERMES COVID-19 HEALTH DASHBOARD

It can integrate that data for the health status of the passenger, though Digital Vaccine Certificates for instance, to either the Border police or the local health authority.

## MULTICULTURAL MATCHING

WCC owns a superior multi-cultural name matching algorithm which catches and matches any such name variants with ease. Data quality mechanisms to solve incorrect flight lists and import issues.

### EXAMPLES OF NAME VARIATION

Alexander
01/03/92
**Russia**

William
06/30/78
**England**

Paulo
09/04/80
**Italy**

Mohammed
04/10/88
**Pakistan**

*Sasha*

*Billy*

*Paolo*

*Muhamed*

## INTEROPERABILITY
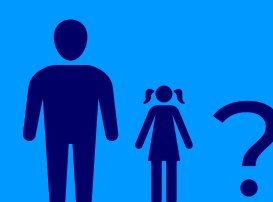
HERMES is integrated with WCC's ELISE ID advanced platform to match with pre-configured "risk profiles" in order to flag suspicious travelers

**KG** Luggage weight
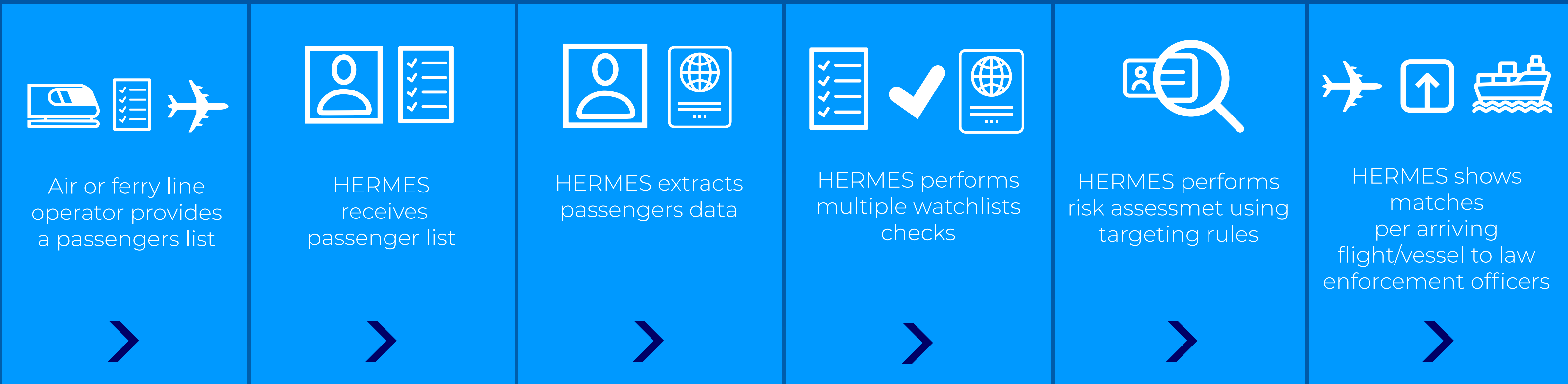
Changes in the passengers courses

Suspected relation between members of groups

**This process can be automated with AI**

HERMES IS BUILT TO OPTIMIZE LAW ENFORCEMENT AND BORDER CONTROL OFFICERS' EFFECTIVENESS WORK, WHILE SPEEDING UP AND REDUCING FRICTIONS FOR THE PASSENGER EXPERIENCE. IN THE END, THIS SOLUTION FOSTERS A SAFER AND MORE SECURE WORLD

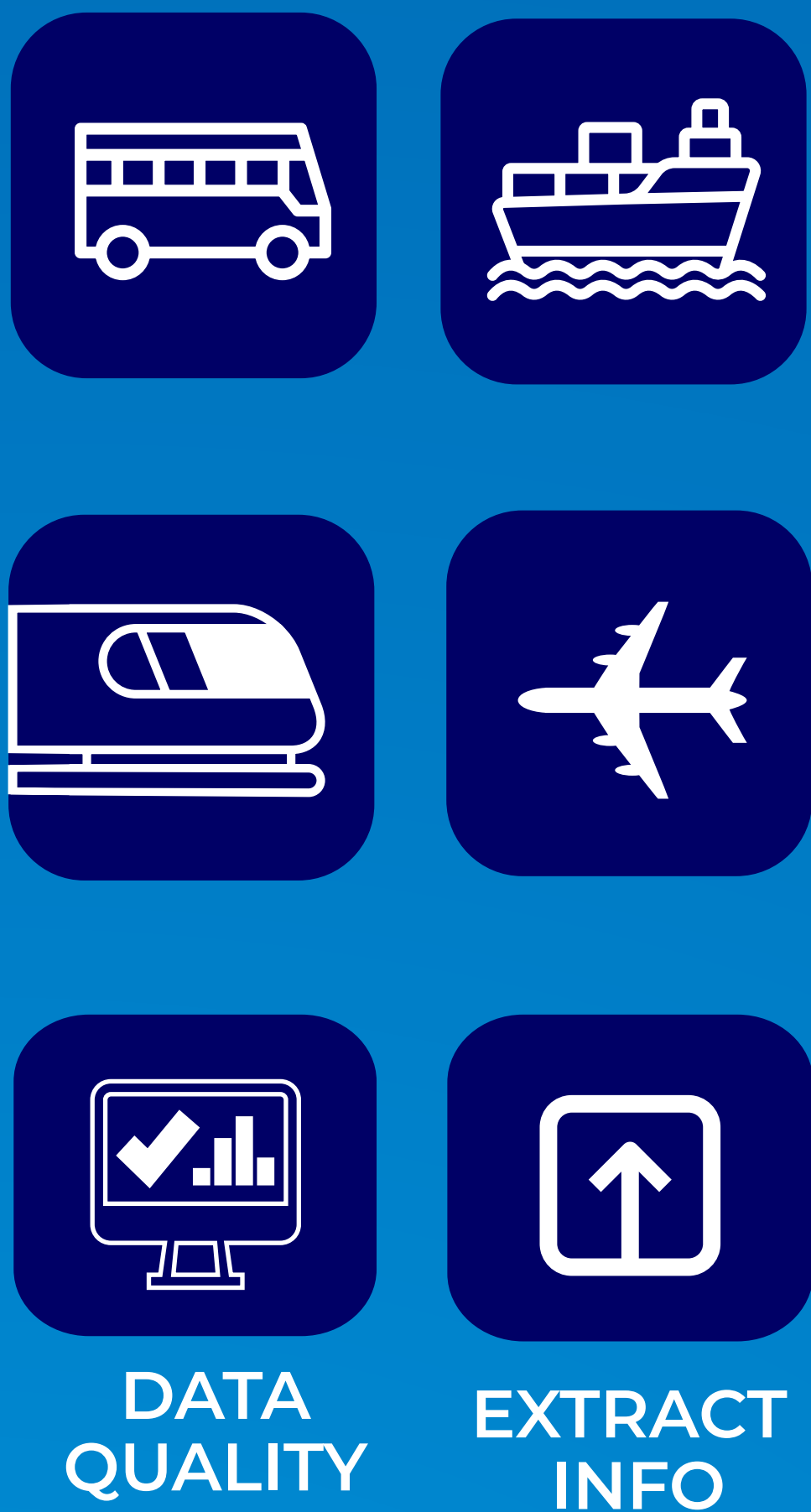## PASSENGER INFORMATION PROCESSING USING HERMES

| Air or ferry line operator provides a passengers list | HERMES receives passenger list | HERMES extracts passengers data | HERMES performs multiple watchlists checks | HERMES performs risk assessmet using targeting rules | HERMES shows matches per arriving flight/vessel to law enforcement officers |

# DATA ❯ RISK ASSESSMENT ❯ INVESTIGATION FEATURES

## DATA

Extracts high quality data from different types of transport

**DATA QUALITY**  **EXTRACT INFO**

## RISK ASSESSMENT

Enables configuration and management for risk assessment in confrontation with watchlists and rule-based targeting

**NATIONAL WATCHLIST**

**INTERNATIONAL WATCHLIST**

**RULE-BASED TARGETING**

**CONFIGURATION AND MANAGEMENT**

## INVESTIGATION FEATURES

UI allows law enforcement agencies to search a huge amount of passengers in sub seconds with precision and flexibility across different features

**HIT SCREEN**  **HEATMAP**

**INVESTIGATION TOOLS**  **ANALYTICS**