

Conclusions

- Agnet enables security and efficiency through seamless **cross-border communication** and **collaboration**, answering data transmission needs between field users and control and command centers
- Proven solution enhancing **interoperable** operations between different teams / countries, saving time and resources
- **Secure** and **Reliable** Connectivity working on terrestrial networks LTE / 4G/ 5G and on satellite networks

CONFERENCE ON INNOVATIVE TECHNOLOGIES FOR STRENGTHENING SCHENGEN

GRANT DETECTION S.R.O.

Personal Data

28. March 2023



EUROPEAN BORDER AND COAST GUARD AGENCY



GRANT DETECTION

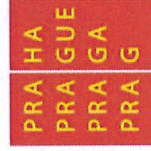
MMD01 HANDHELD DETECTOR

**The detector development project was
co-financed by the European Union**



EVROPSKÁ UNIE

Evropské strukturální a investiční fondy
OP Praha – pól růstu ČR







GRANT DETECTION

THE MMD01 HANDHELD DETECTOR

- Intended for the armed forces
- Measures multiple types of vehicles
- Inspects at the borders or anywhere inland
- Fully mobile and measures quickly
- Operated only by one person
- No negative impact on health
- Can be used 24/7
- Immediately ready for measurement
- Pre-screening before the use of X-rays





GRANT DETECTION

TAKE AND MEASURE

- Used by the Czech police and the Czech prison service
- Successfully tested by the German and Slovak border police
- We had the opportunity to demonstrate the MMD01 detector to the armed forces of Spain, Austria, Hungary, Bulgaria and Romania
- Completely improves the effectiveness in detecting illegal migration
- Completely changes your strategy in detecting illegal migration





GRANT DETECTION

LESSON LEARNED

CURRENT SOLUTIONS

more complex, longer measurements,
not fully mobile, requires more people,
harmful X-rays



THE MMD01 HANDHELD DETECTOR

more reliable, faster, simpler, fully
mobile, user-friendly, operated only by
one person, saves your time and money





GRANT DETECTION

SAVE TIME AND MONEY

Expenses	Handheld detector MMD01	Other heartbeat detectors
Purchase price	€ 32.900	About € 40.000 and more
Personnel expenses for operating 1 detector/1 month	1 worker – min. 2.500 €/month	At least 2 or more workers - min. 5.000 €/month and more
Personnel expenses for the operation of 1 detector during the warranty period of 2 years	€ 60.000	€ 120.000 and more
Service costs during the 2-year warranty period (replacement of worn parts)	FOR FREE	About € 8.000 and more
Total expenses for detector operation during the 2-year warranty period	€ 92.900	€ 168.000 and more

- We provide a guaranteed warranty period of 2 years and we can provide an extended warranty period of up to 1,2 or 3 years
- Savings in expenses during the purchase and operation of MMD01 detector within 2 years amounts to 75.100 EUR
- With MMD01 handheld detector you can significantly save time and money



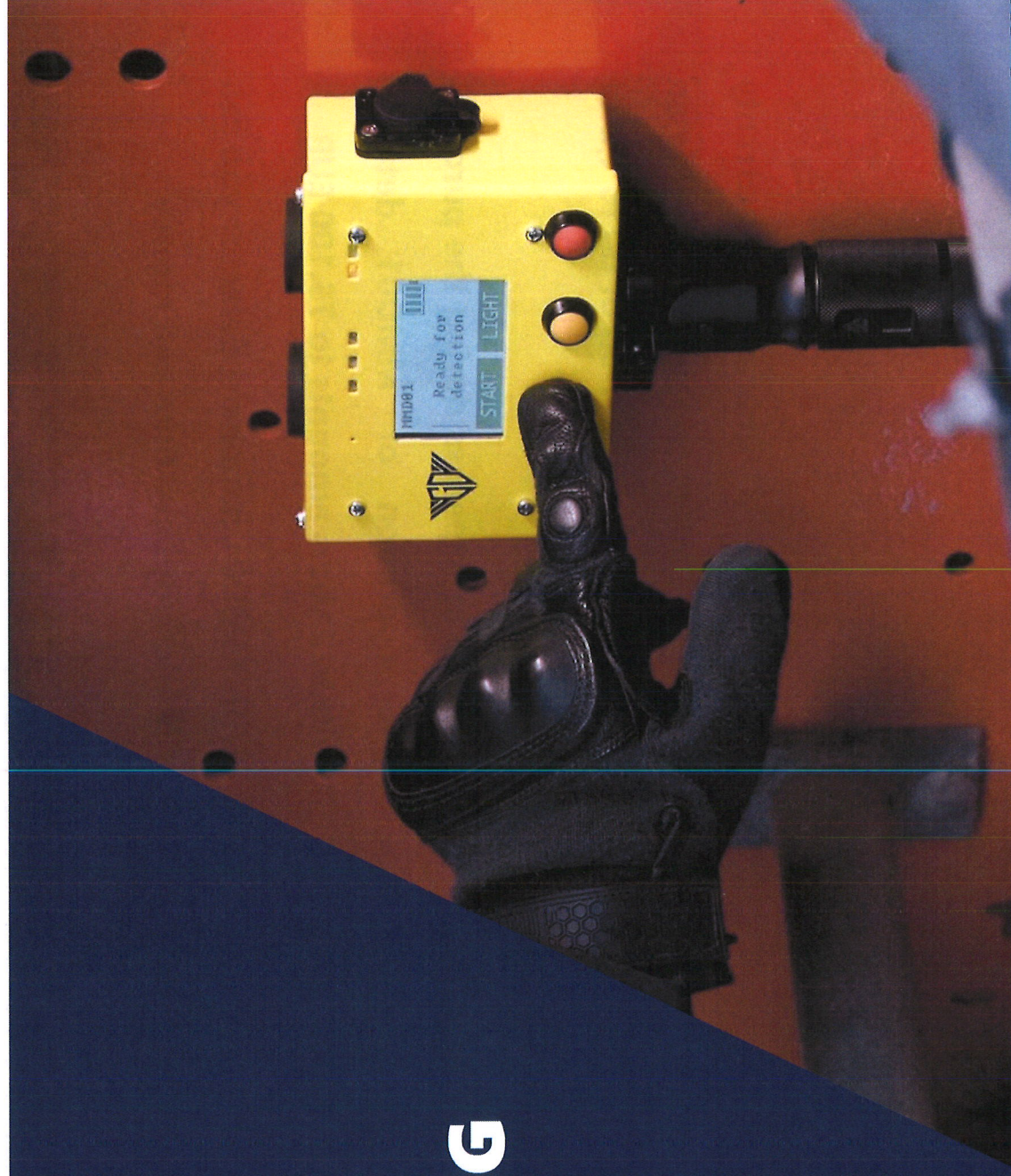
GRANT DETECTION

ONE BUTTON, ONE RESULT SEEING MORE MEANS KNOWING MORE

WWW.GRANTDETECTION.COM



FRONTEx



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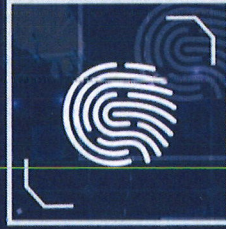
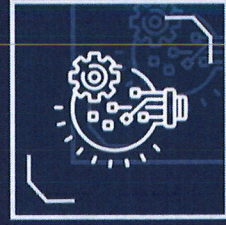
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PNR x Fingerprints

Personal Data

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Border control continuum

Data analytics & Biometric identification

Before travel

Pre-authorization and assessment

- Registration and application of citizen (Visa, electronic Travel Authorization, Registered Travelers Program)
- Risk-based analysis through API-PNR data collection
- National vetting

Pre-Clearance

- Smartphone application to early start the border clearance process through self-registration

Entering the Schengen Area

Entry border clearance

- Passport and biometric controls
- Vetting results (watch lists, risk analysis...)
- Authorization, registration and updating in the Entry/Exit System (EES)

Exiting the Schengen Area

Exit border clearance

- Same controls than at Entry
- Overstayer check

Within the Schengen Area

Who is in the country?

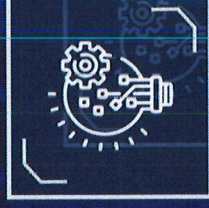
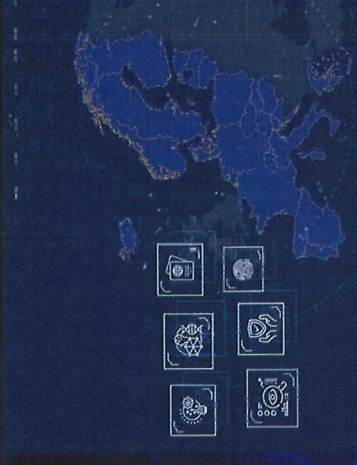
- Investigation and verification (asylum seekers, visa holders...)
- Verify travel history
- Management of watchlist and profiling targets

Intra-Schengen travel

- Risks based analysis through traveller's data
- Mobile solutions to identify travellers

Border control continuum

Data analytics & Biometric identification



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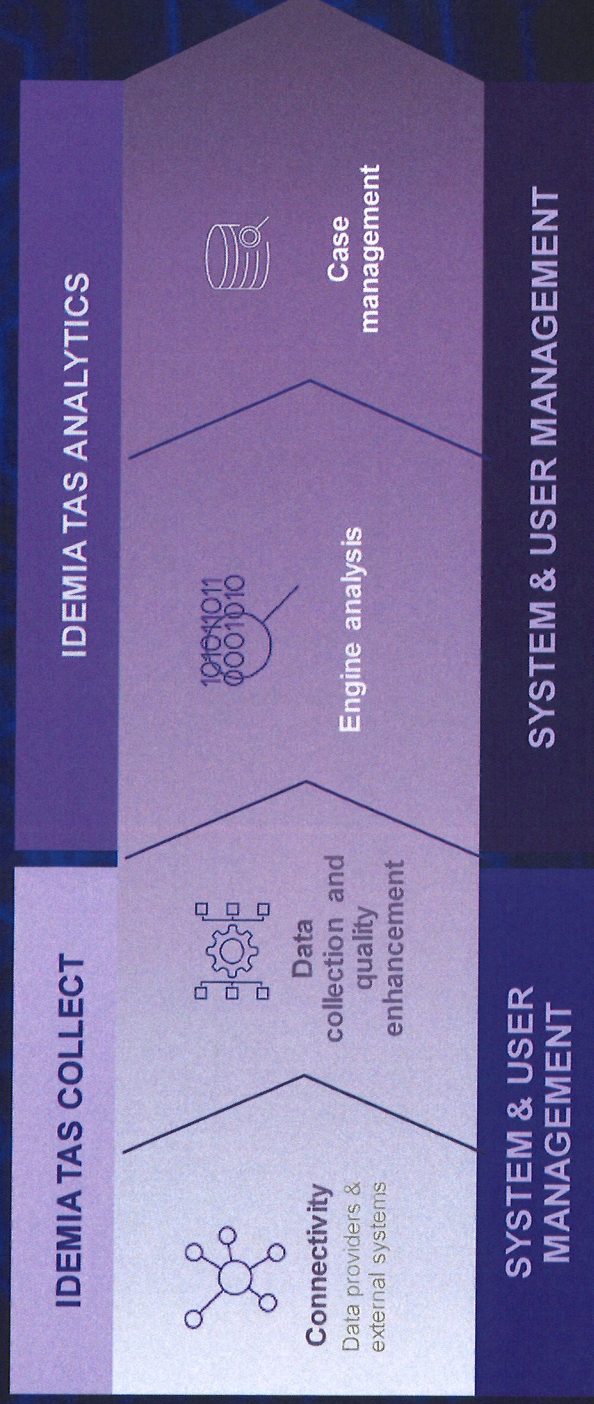
Intra-Schengen travel

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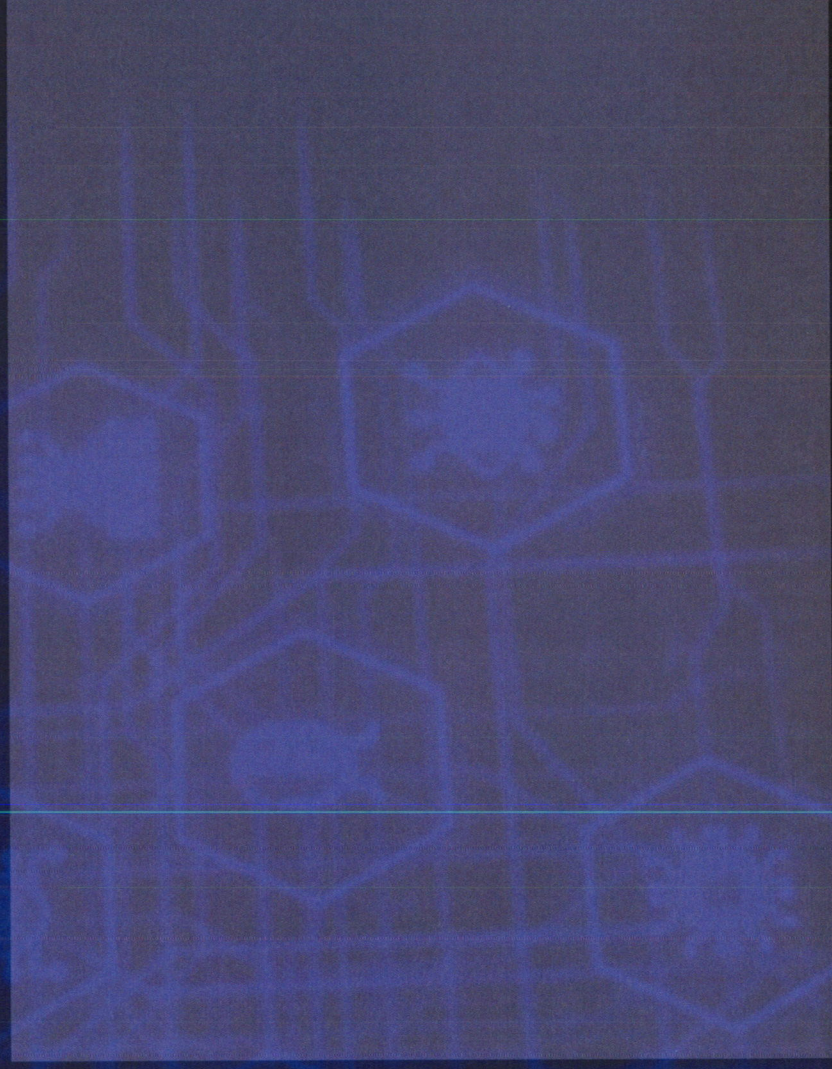
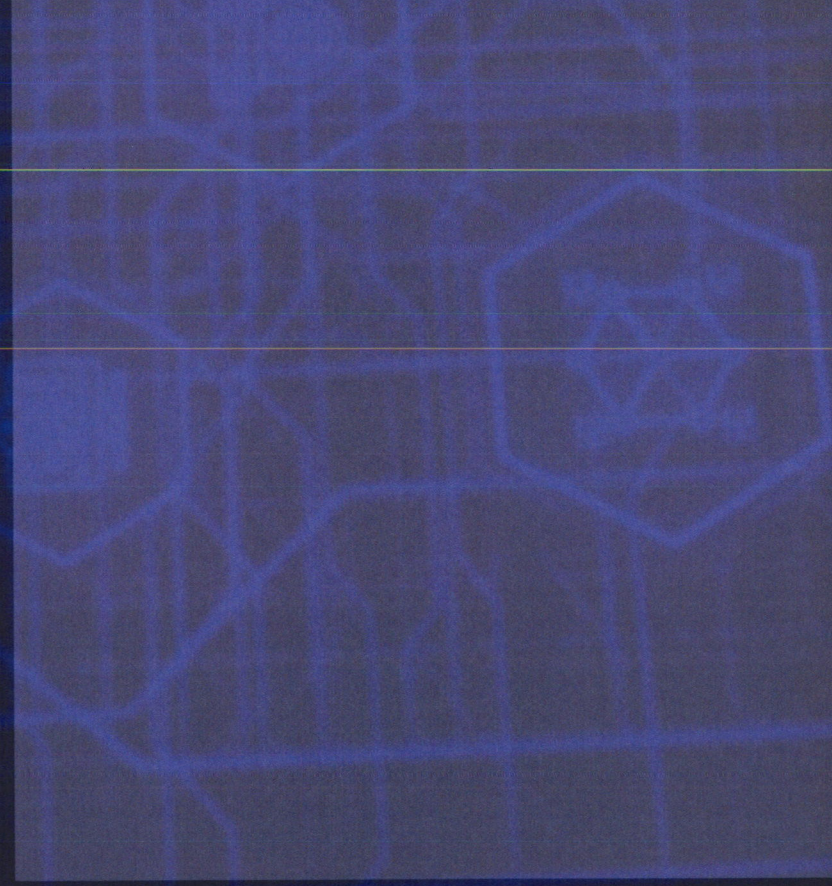
Risk based analytics through traveller's data

Quick reminder of what it is: the example of IDEMIA Traveler Analytics Suite™ (TAS)





Risk based analytics through traveller's data



Modus Operandi of Law Enforcement; Reporting Tools

FRONTEX



IDEMIA



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Evolution of biometric devices for police forces

Built-in sensor
in dedicated devices



Tailor-made
FBI-certified FP scanner



Expensive, heavy, additional
device to carry

Fingerprint scanner
connected to smartphone



Best-in-class phones
FBI-certified FP scanner



Additional device to carry

Smartphone only



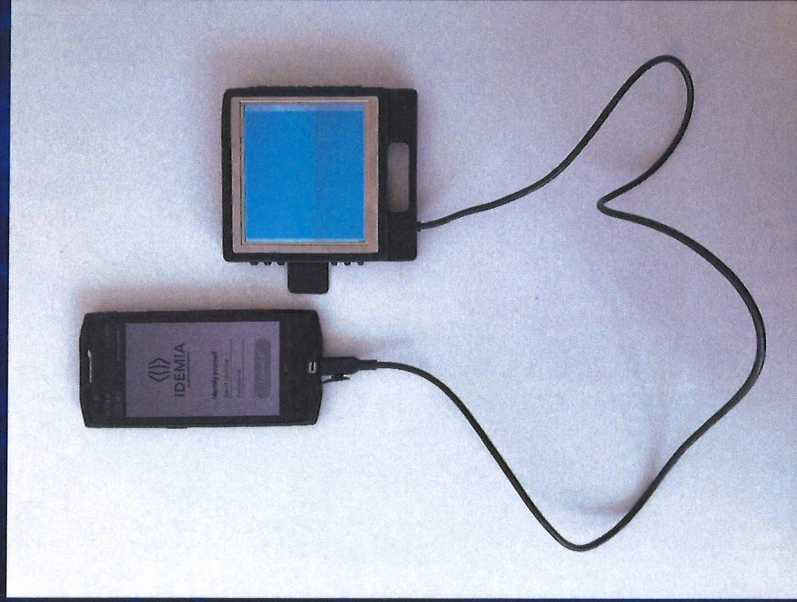
Best-in-class phones
No additional device to carry



No FBI-certified FP capture yet
No standard for contactless image
quality



Smartphone + connected scanner



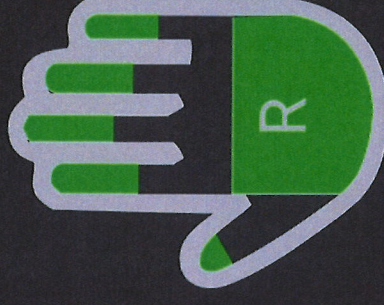
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FINGERPRINTS

DONE

PRINT
SUMMARY

EXCEPTIONS



☒ Right hand exception ☐ Left hand exception

☐ AMPUTATED

☐ DAMAGED

☐ BANDAGED