

Two targeting centers



To improve quality of border checks and prevent illegal migration and terrorism.

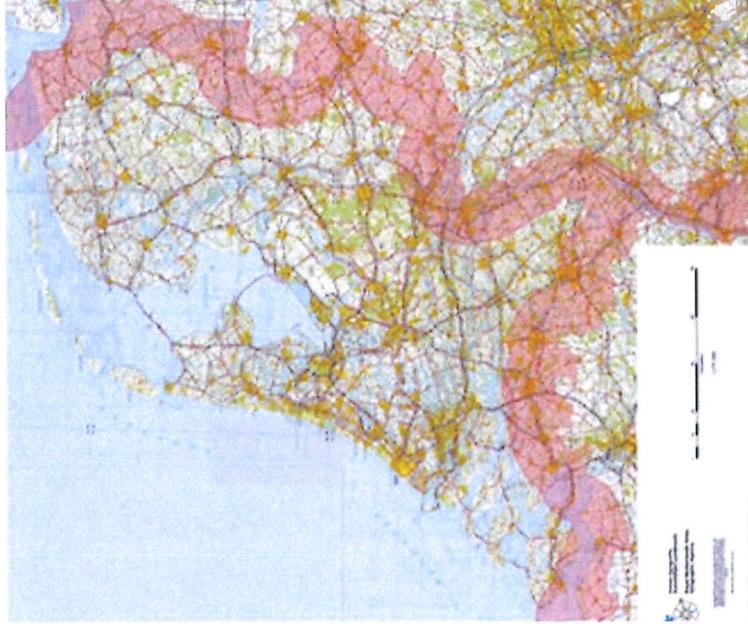
Prevent, detect, investigate and prosecute terrorism and high impact crime



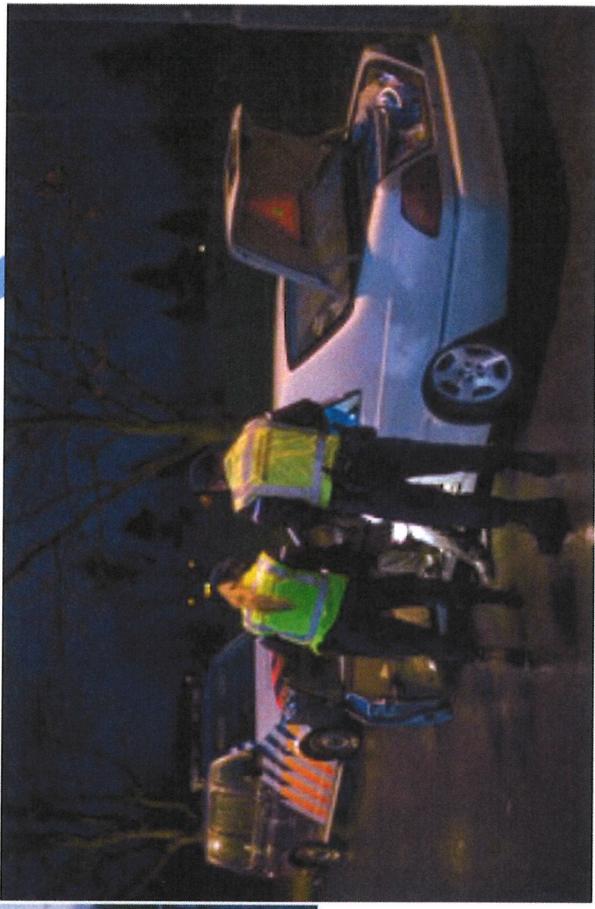
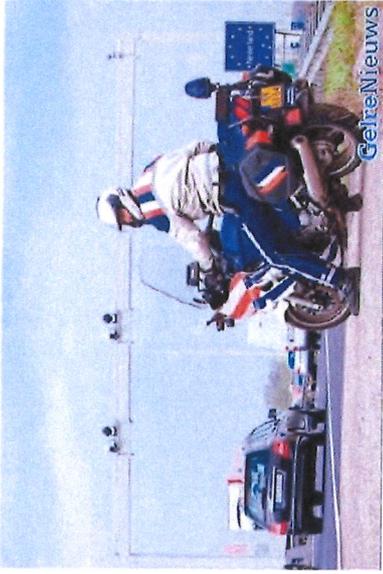
Legal framework checks within territory

Article 23 SBC

- > Distinct from systematic checks
 - max 6 hours a day
 - max 90 hours a month
- > Border area
 - max 20 KM from border
- > Spot checks
 - Random selection



Mobile checks concept



Identity nationality residence status



Land border targeting



Information driven support of selection for mobile checks

- **Amigo Boras** (Mobile Information Driven Operations Better Operational Result and Advance Security, RNLM)
- **ANPR** (Automatic Number Plate Recognition, National Police)

- A1 Oldenzaal
- A2 Maastricht
- A4 Wassendrecht
- A7 Rande
- A37 Zwartemeer
- A12 Berg
- A16 Fryda
- A67 Bladel
- A67 Yonlo
- A74 Tegelen
- A76 Heerlen
- A76 Stein
- A77 Gennep
- N15 Eindhoven
- N190 Roermond



Functionalities Amigo Boras:

- Vehicle type (Truck, bus etc.)
- Country (licence plate)
- Speed and direction (in/out)
- 24/7/365 anonymous data collecting
- Full data only public prosecutor's (28 days historical database "Argus")
- Combination-profiles Amigo-Boras (RNLM) & ANPR (National Police)
- Matching watchlist and profiles



Passage data	
Notificatie ID	16371475
Passage ID	1601-1546562484060
Kenteken	[REDACTED] (51%)
Voertuigtype	Vrachtwagen (31%)
Kleur	(0%)
Land	Spanje (63%)
Locatie	A18 Invaris Rechter Rijstrook
Datum/Tijd	07/01/2010 13 01 34
Snelheid	83km/h (96%)
Mark	(0%)
Type	(0%)

Doelgroepcriteria		Feit	Classificatie									
Naam	Kenteken	Categorie	Land	Akrie	Profiel	Leverancier	Regime	Gerechtigde	Omschrijving	Achiecode	Beschrijving	Classificatie
Geen resultaten gevonden												
Geregelde plannen												
Teelken BTL												
Naam												
BTL												
Verantwoordelijke												

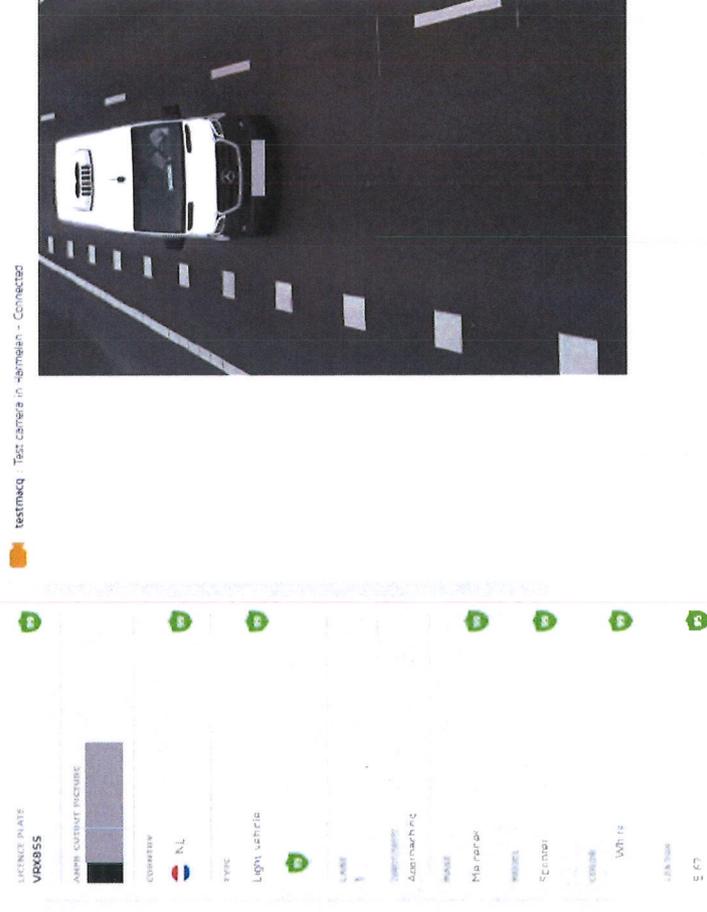




New Number Plate Recognition Kmar 2023

Improvements :

- > Connection with apps and databases (SIS, Police databases, etc.)
- > Connection with Eucaris vehicle to person connection,
- > Additional recognition and targeting on :
 - Brand, model and colour vehicle (White Mercedes Sprinter)
 - Length of vehicle (5,67m)
 - Previous vehicles and next vehicles
 - Connections with other camera's (Police, etc.)
 - Unlimited expansion possible data and camera's



Modus Operandi of Law Enforcement;
Reporting Tools



Mobile/border checks transport hubs

Climate goals 2035

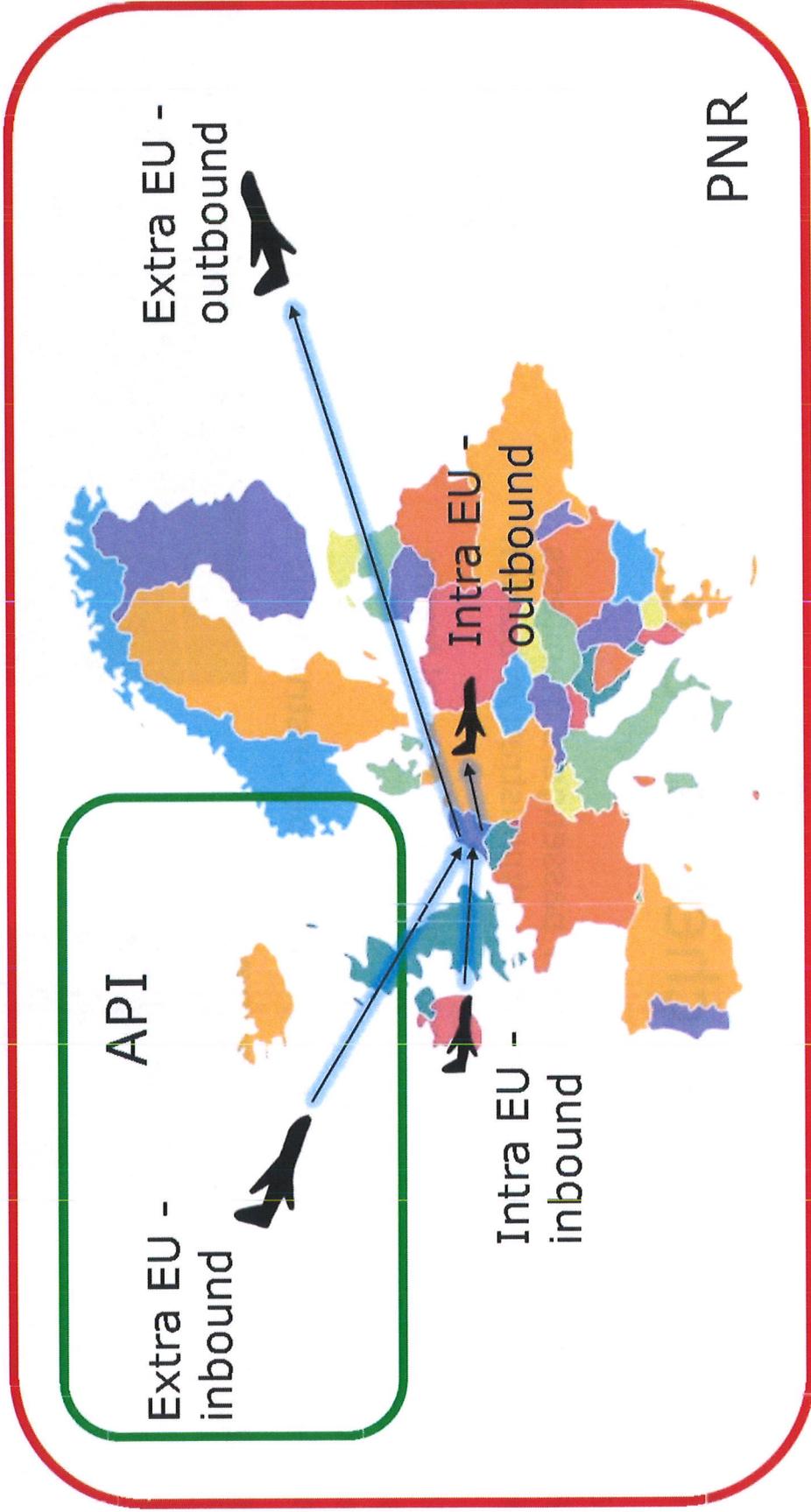
- Traffic mode neutral approach for passengers manifests
- Webportal solutions pose minimal administrative burden

Legal impediments, no surveillance system internal traffic

- Random checks
- New API borders is conservative
- PNR/API law enforcement are not a border instrument: exclude illegal migration



API/PNR historically





Checks within territory (1)

New SBC introduces non systematic checks within territory

New art 23 SBC:

The absence of border control at internal borders shall not affect:

(e) checks for security purposes of **passenger data against relevant databases on persons traveling in the area without controls at internal borders** which can be carried out by the competent authorities under the applicable law.”





Checks within territory (2)

The exercise by competent authorities of their powers may not, in particular, be considered equivalent to the exercise of border checks when the measures:

- i) do not have border control as an objective;
- ii) are based on general information and experience of the competent authorities regarding possible threats to public security or public policy and aim, in particular, to:
 - combat cross-border crime;
 - **combat irregular residence or stay, linked to irregular migration; or (out of scope in PNR directive)**
 - contain the spread of an infectious disease with epidemic potential as detected by the European Centre for Disease Control;





Conclusion

Surveillance system, within territory, process passenger data to **combat irregular residence or stay, linked to irregular migration;**

Regulation alignment





Improve efficiency

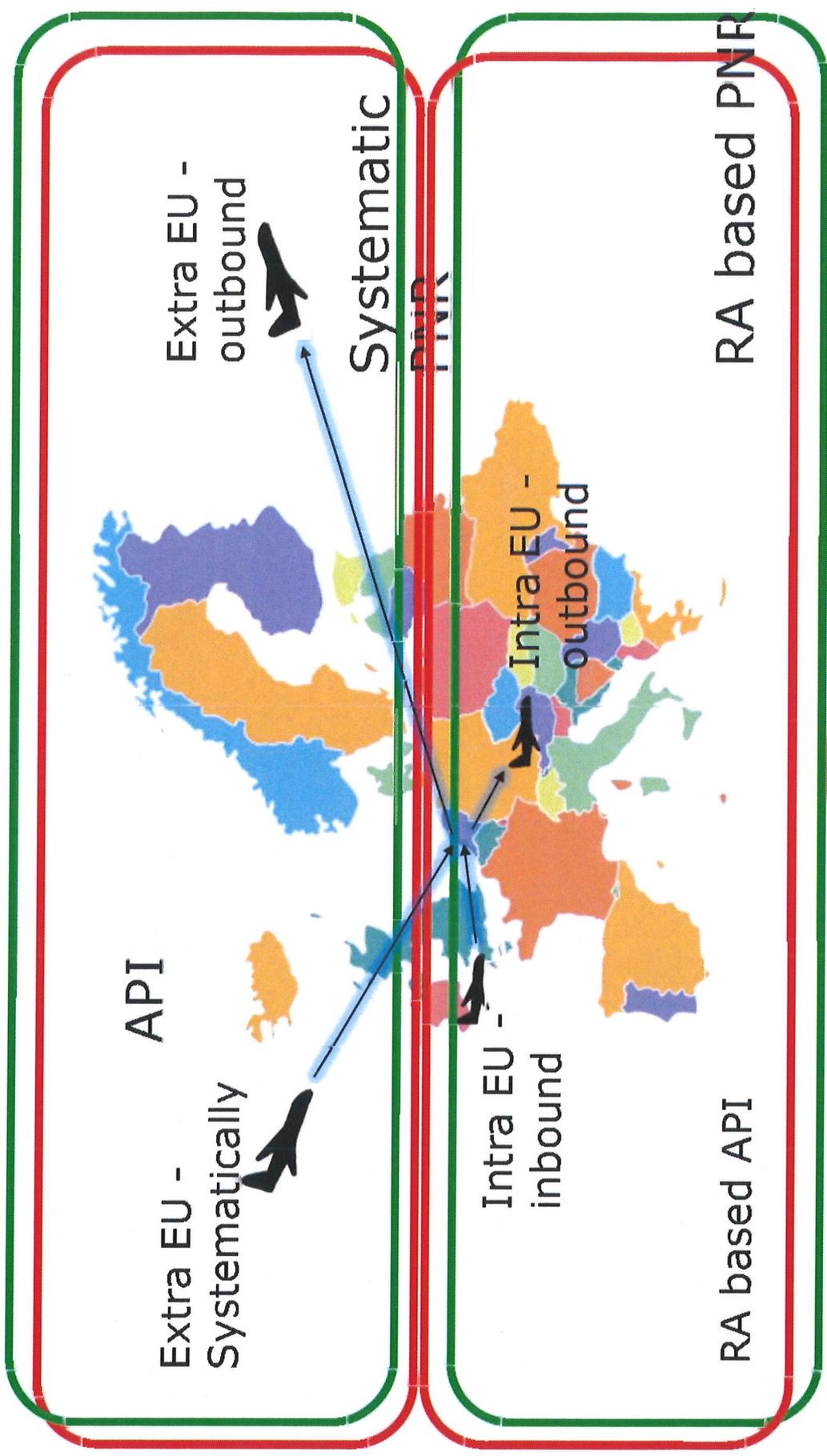
Goal API Borders not only to improve quality also efficiency.
-Data collection limited to entry checks.

Pre assessment of passengers on relevant databases to improve both quality and speed at borders on entry and **exit** checks. Uniform and high quality of checks.

Value
Travel experience for bonifide (99,5%) passengers increases, enhancing mobility, strengthening Schengen.



API/PNR desired landscape



Thank you for your attention!



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March 28th, 2023

FRONTEX



EUROPEAN BORDER AND COAST GUARD AGENCY

AIRBUS

AIRBUS AGNET : CRITICAL COLLABORATION PLATFORM

Enhancing Security and Efficiency with Seamless Communication and Collaboration

Airbus DS SLC
Katrien De Mey

FRONTEX



EUROPEAN BORDER AND COAST GUARD AGENCY

Agenda

- Challenges in Schengen Border Control
- The Airbus Agnet Solution: Key Features and Benefits
- Enhanced Operations with Situational Awareness
- Seamless Connectivity: Access Anywhere, Anytime
- Real-World Example: Success Story with Agnet
- Conclusion: Future of Border Control with Agnet



Airbus Secure Land Communications- Key Facts

- Supplier of **advanced secure communication & collaboration solutions**
- **2 million** daily users in **80** countries
- **19 nationwide networks** for public safety forces (Police, Fire, EMS)
 - ISI between nationwide Nordic countries
- More than **30 networks for local** authorities and **defence** forces
- Over 100 metro lines, 20 airports and 11.000 km of pipelines equipped
- Broadband solutions & services **operational in Europe, Asia and Latin America**
- 1300 employees in 17 countries



From Challenges to Solution

From Challenges

- Support to **secure** information sharing between competent authorities
- **Communication tools and interoperability measures** to enhance cooperation between Schengen states
- In general, disrupting trans-national organised crime and terrorism specifically transiting through internal border areas.

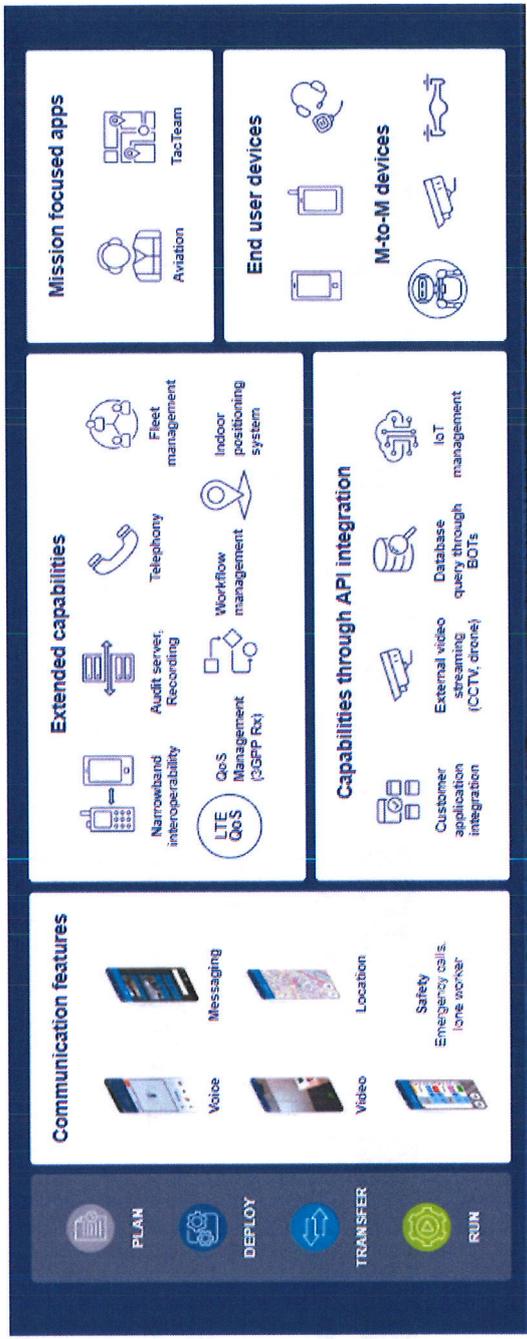


To Airbus Agnet Solution over hybrid connectivity

- **Secure** Communication and collaboration platform providing an End-to-End solution for the Schengen border control authorities
- **Reliable** Service using commercial/private **broadband networks** and/or **satellite** connectivity
- Bringing **Situational Awareness** from the field instantly to the involved entities, also when **roaming internationally, crossing borders.**

Airbus Solution : Agnet – more than a communication application

- Secure Communication and Collaboration Platform
- Based on existing broadband (3GPP) technologies
- End-to-end solution
- Share the right information with the right people
- Support your operations with comprehensive data from the field using voice, video, messaging, location and tactical information

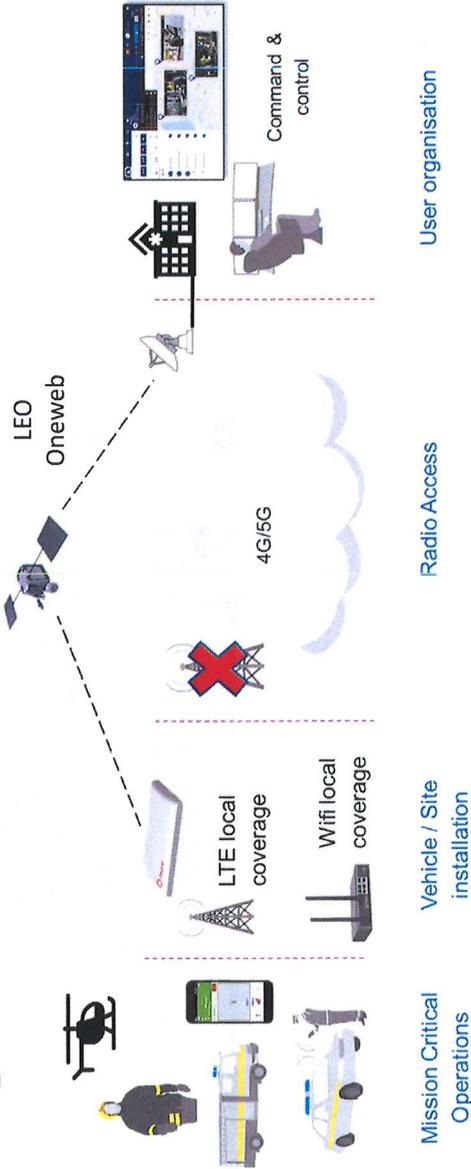


Situational Awareness, cross border

- Bring Situational Awareness, cross border, to the operational users and dispatchers/officers in command: voice, video, messaging, location, tactical
- Real-time geolocation
- Enriched experience for dispatcher with video feeds from mobile cameras, drones and integrated video sources
- Integration with Tactical applications (TacTeam) for cross-border cooperation



Agnet over SatCom



- Extend the network coverage : connectivity anywhere, anytime and highly secured
- Back-up connectivity
- Deployable systems with satellite backhaul

LEO OneWeb

	Very low latency	
	Strong performance	
	High Availability	
	Worldwide coverage	



grant n° 786912.



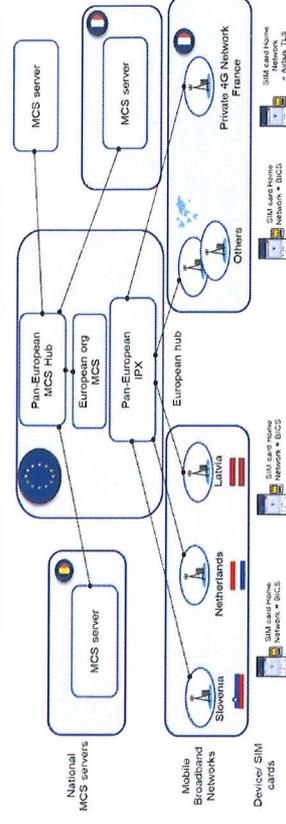
BroadWay Seamless communication across borders

Key Requirements derived from end-user use cases

1. Interoperability
 - MNO, MVNO, dedicated LTE home networks
 - Communication groups shared among different organisations
 - Flexible setup of group communications
2. Roaming
 - End users can move from network to network, country to country
 - Privileged access to radio and network resources shall be maintained while roaming
3. Control & Security
 - Interoperability shall not impact home organization control & security

BroadWay Solution

- Solution based on real production networks
- Architecture to cope with organisations having a dedicated network, MVNO, MNO, no network
- **Interoperability** between different organisations, different countries
- **Instant** access to **roaming**
- Privileged access in home network and while roaming
- **Control and security** of users remains at organisations



<https://www.youtube.com/watch?v=F0AhVTPbq0A>