



Evolutions of Critical Communications – A European View

AIRBUS Public Safety and Security



DRIVERS & EXPECTED SERVICES

Drivers

- Safer Society
- Efficiency & Interoperability
- Safety of First Responders

Expected Services

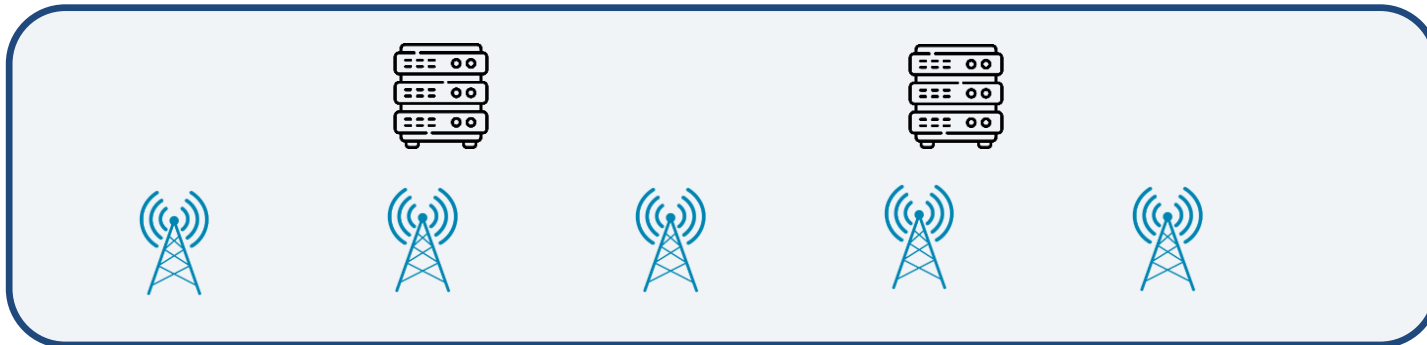
- Voice – Mission Critical Push to Talk, As good as Tetra services
 - New services in critical situations
 - Improved real time situational awareness, supervision of operations, alert & emergency management.
 - New services for daily efficiency
 - Mobile office, automation of operations, evidence management.
-

NEW BUSINESS & TECHNOLOGY ECOSYSTEM



Mission Critical Specific

- Mission Critical Communications Services
- Devices & Accessories, Tactical coms, DMO
- Fleet management, Dispatch, Record
- Integration Control Room & PMR

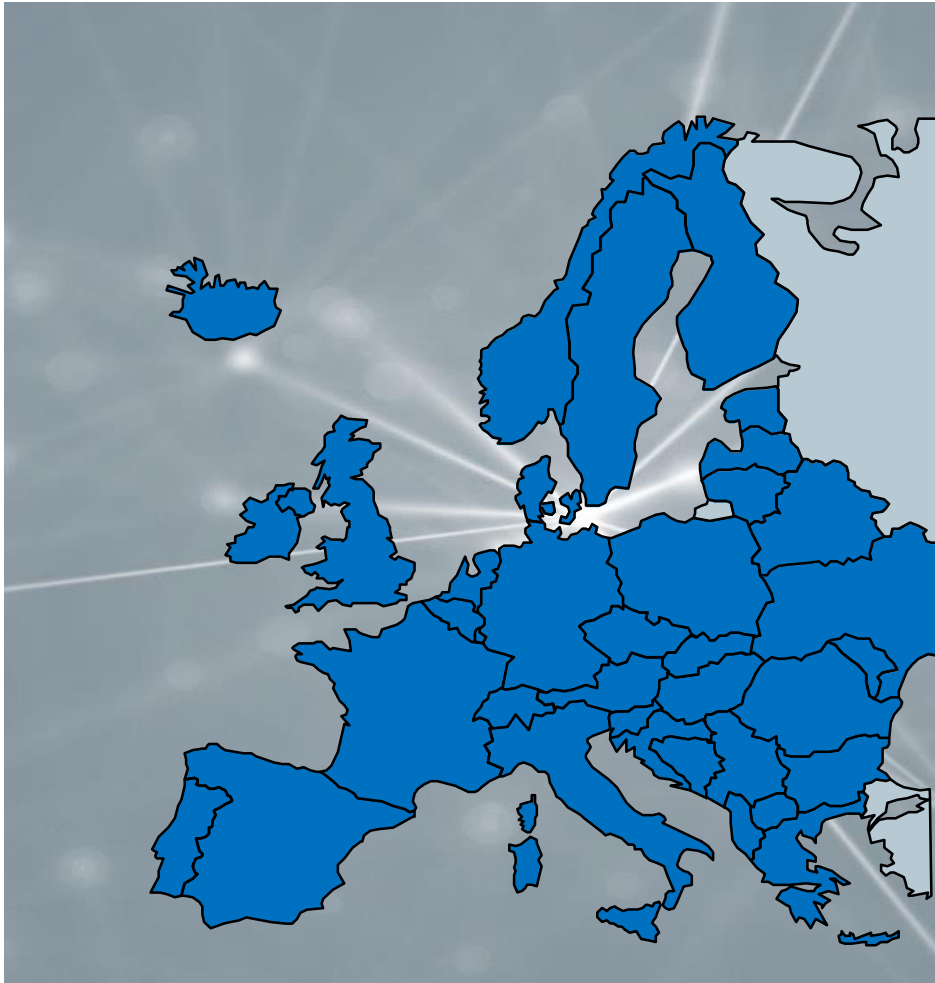


Telecom Services

- Core, RAN, NOC
- Quality, Priority, Pre-emption
- National Roaming

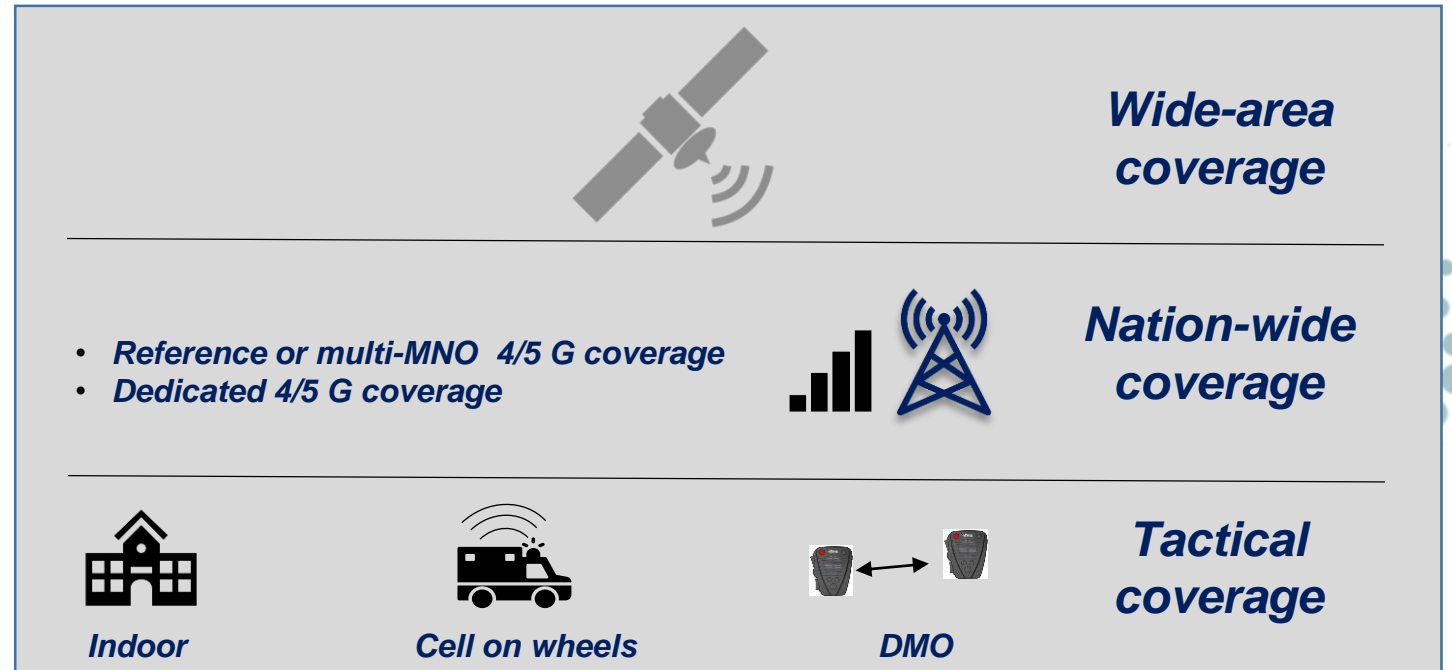
End-to-End Security, Availability, Performances

ACTIVE ENGAGEMENTS



Different technology and business models considered:

- Coverage, Capacity, Performance, Resilience
- End-to-End Guarantee



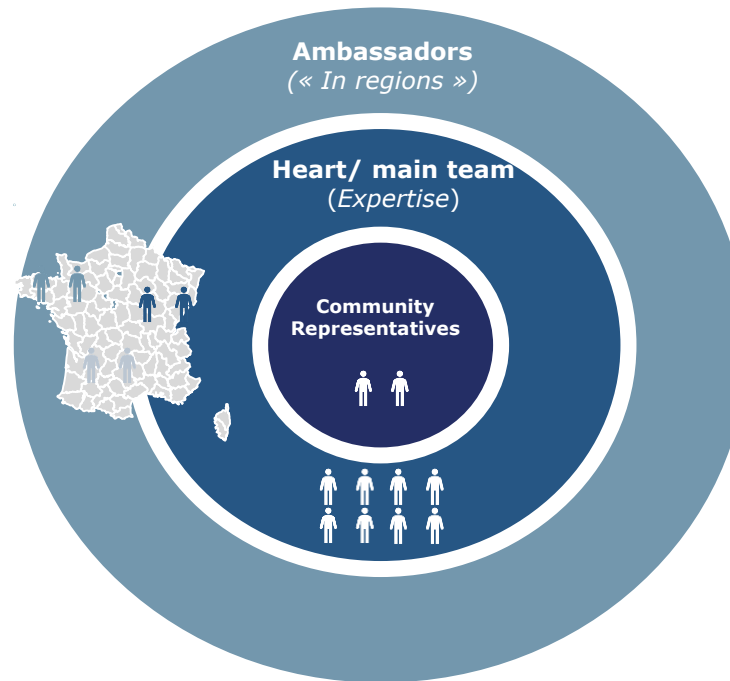
END USER ADOPTION IS CORNESTONE

Complex Transition

- New Operational Models
- New Equipments & Applications
- New Ecosystem & Life Cycles
- New Cyber Threats

Smooth Transition with No
Disruptions Expected

End Users contributing to the
making of the RRF



Thematic Workshops



Cinematic workshops



**Technical and
deployment
preparations Days**

CONCLUSIONS

- ✓ New **opportunities** for Public Safety to improve the security and safety of citizens
- ✓ Very complex system **adapting consumer technology and business models to mission critical needs**
- ✓ Capability to master & drive **end-to-end services, security and performance** is key
- ✓ **Impacts on end users operations - no regression for critical needs & opportunity to develop new operational models – require very early onboarding of the end users**



KÖSZÖNJÜK A FIGYELMÜKET!