



THALES

CAPABILITIES BEING SOUGHT

DIGITAL IDENTITY AND BIOMETRIC SOLUTION

- advanced concepts and solutions for people, products and artefacts

ADVANCED COMMUNICATION SOLUTIONS

- For degraded communication environments
- Beyond 5/6G communication systems (toward internet of senses)

DIGITAL PLATFORMS AND SOLUTIONS

- in particular for application at Tactical Edge

QUANTUM COMPUTING

- and its innovative application to imaging, sensing & optimisation problems

TRUSTED AUTONOMY

- in Human Machine Teaming and secure comms

COUNTER UAS

- detection, tracking and mitigation solutions for civil/military UAS

CYBER

- Operational Technology security for people, products and artefacts

ARTIFICIAL INTELLIGENCE /MACHINE LEARNING

- Frugal AI (learning without masses of data) and embedded AI

PROCESSING OF “BIG DATA” SETS

- data analytics, processing and visualization technology

DIGITAL TWIN TECHNOLOGY

- over product life cycle (from concept to maintenance)

COLLABORATIVE COMBAT SOLUTIONS

- solutions and multi sensors, for land vehicle environment

PRECISION NAVIGATION

- Vision-based navigation and precise location in GPS denied environments

NOVEL SENSING AND PROCESSING

- in support of ISR and optical surveillance systems

SYSTEMS ARCHITECTURES

- For multi-domain operations based on Data Centric Security

EMERGING TECHNOLOGIES

- such as synthetic biology and metamaterials
- Brain-Computer interface

