

THALES

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Targeted (sub)topics

1. SU-DS02-2020: Intelligent security and privacy management
(a): Dynamic governance, risk management and compliance
 2. SU-DS02-2020: Intelligent security and privacy management
(b): Cyber-threat information sharing and analytics
 3. SU-DS02-2020: Intelligent security and privacy management
(c): Advanced security and privacy solutions for end users or software developers
 4. SU-DS02-2020: Intelligent security and privacy management
(d): Distributed trust management and digital identity solutions
 5. SU-DS03-2019-2020: Digital Security and privacy for citizens and Small and Medium Enterprises and Micro Enterprises
(1): Protecting citizens' security, privacy and personal data
 6. SU-DS03-2019-2020: Digital Security and privacy for citizens and Small and Medium Enterprises and Micro Enterprises
(2): Small and Medium-sized Enterprises and Micro Enterprises (SMEs&MEs): defenders of security, privacy and personal data protection
 7. SU-DS04-2018-2020: Cybersecurity in the Electrical Power and Energy System (EPES): an armour against cyber and privacy attacks and data breaches
- AI call**
8. SU-AI02-2020: Secure and resilient Artificial Intelligence technologies, tools and solutions in support of Law Enforcement and citizen protection, cybersecurity operations and prevention and protection against adversarial Artificial Intelligence
- INFRA call**
9. SU-INFRA01-2018-2019-2020: Prevention, detection, response and mitigation of combined physical and cyber threats to critical infrastructure in Europe

Competencies

- *THALES competencies*
 - **Critical Information systems and cybersecurity**
 - **Leader on secure system for defense and public regulated**
 - **Network and infrastructure system, Secure radio-communication, Navigation system (Galileo)**
- *Thales SIX Crypto laboratory Experience in European project*
 - **Involved in European Project , Task leader on demonstrators in several European projects**
 - **HECTOR (Cryptographic mechanisms adapted to hardware constraints, physical random generator)**
 - **PHYLAWS (PHYSEC for radio communication protection)**
 - **PROMETHEUS (Post quantum solution for Anonymisation , lattice based cryptography)**
- *The skills we can bring*
 - **Definition and assessment of cryptographic algorithms, protocols,**
 - **Secure implementation of cryptographic algorithms (Resilience to Side Channel Attacks)**
 - **High grade protection, Cryptographic standard, Post quantum cryptography, Lightweight cryptography, ...**
 - **Software , Embedded software , System on Chip, Hardware implementation,**
 - **Hardware Secure Module**
 - **Business exploitation**

Project idea

- *Describe your project idea*
- *List of the complementary skills you need for your consortium*