

## THALES Research & Technology - France

[david.faure@thalesgroup.com](mailto:david.faure@thalesgroup.com)

+33.1.69.41.56.88

[olivier.prevotat@thalesgroup.com](mailto:olivier.prevotat@thalesgroup.com)

+33.1.69.41.57.07

## Targeted topics

<b>SU-INFRA01-2018-2019-2020</b>	Prevention, detection, response and mitigation of combined physical and cyber threats to critical infrastructure
<b>SU-DRS02-2018-2019-2020 subtopic 4</b>	Technologies for first responders - subtopic 4: Open
<b>SU-FCT02-2018-2019-2020 subtopic 2</b>	Technologies to enhance the fight against crime and terrorism - subtopic 2: Digital forensics in the context of criminal investigations
<b>SU-FCT03-2018-2019-2020</b>	Information and data stream management to fight against (cyber)crime and terrorism
<b>SU-BES02-2018-2019-2020 subtopic 1</b>	Technologies to enhance border and external security - subtopic 1: Providing integrated situational awareness and applying augmented reality to border security
<b>SU-BES03-EBCGA-2018-2019-2020 subtopic 1</b>	Demonstration of applied solutions to enhance border and external security - subtopic 1: Remotely piloted aircrafts & underwater autonomous platforms to be used from on-board offshore patrol vessels

***French research center of Thales, located in Palaiseau near Paris***

*The following competencies are the one from two of our labs:*  
***Reasoning and Analysis in Complex Systems (LRASC)***  
***& Decision and Optimization (LDO)***

# Competencies

- *Situation Awareness*
  - **Complex Event Processing, Information Fusion, Correlative Analysis, Machine Learning, Risk Analysis**
- *Big Data & Smart Analytics*
  - **Descriptive, Predictive & Prescriptive Analytics, Information and data quality**
  - **Data Visualization, Big Data infrastructure and architecture**
- *Decision support*
  - **Multi-criteria / multi-objectives decision, Group decision making**
  - **Decision under uncertainties**
- *Planning & Optimization*
  - **Stochastic & combinatorial Optimization, Preference learning, planning, scheduling**
- *Cyber Security*
  - **Attack detection, Deep Analysis, Logs analysis**
- *European projects*
  - **Extensive experience of European projects as partner and leader**
  - **Active partner in proposal design and writing**
  - **Willing to take responsibilities inside a consortium (technical, exploitation...)**