



Horizon 2020 Secure Societies European Info Day and
Brokerage Event

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Telespazio

Alissa Ioannone

alissa.ioannone@telespazio.com

Description of the Organization



Brief Company Profile: Telespazio, a joint venture between Leonardo (67%) and Thales (33%), is one of the world's leading players in satellite services. The company, headquartered in Rome, Italy, employs approximately 2500 people. It relies on an international network of space centres and teleports and operates worldwide through many subsidiaries. In particular, it is present: in Italy is also present through e-GEOS (a joint venture with the Italian Space Agency). In France with Telespazio France; in Germany with Telespazio VEGA Deutschland, GAF and Spaceopal (a joint venture with the German Space Agency); in the United Kingdom with Telespazio VEGA United Kingdom; in Spain with Telespazio Iberica and in Romania with Rartel. Telespazio is also present in South America with Telespazio Brasil and Telespazio Argentina. Telespazio Group activities range from the design/development and operation of space systems to the provision of related earth observation, integrated communication, satellite navigation and localisation services.

Previous Telespazio Group research project experience in the security domain refers to a number of European Union and ESA funded projects including the following ones: SPARC, SECURESPACE, E2MC, DESTRIERO, SECTOR, GNEXT, SEABILLA, CIRCE, DOLPHIN, SCUTUM, GMOSAIC, T4MOD, SASISA, DESIRE II.



Relevant 2017 CALL TOPICS

and possible space based contributions



Type of Action	Relevant 2017 Call Topics	Space capabilities/contributions for possible project ideas
IA	<i>CIP-01-2016-2017: Prevention, detection, response and mitigation of the combination of physical and cyber threats to the critical infrastructure of Europe</i>	Secure Satellite Communications, Satellite Remote Sensing and Satellite Positioning/Navigation
IA	<i>SEC-15-BES-2017: Risk-based screening at border crossing</i>	Space assets and services for secure situational intelligence
RIA	<i>SEC-16-BES-2017: Through-foliage detection, including in the outermost regions of the EU</i>	space based surveillance technologies, assets and services able to provide higher quality detection and imaging.
RIA	<i>SEC-17-BES-2017: Architectures and organizations, big data and data analytics for customs risk management of the international goods supply chain trade movements</i>	GNSS enabled functionalities (including Galileo/EGNOS related capabilities) and GI capabilities for mitigating risks related to the international movement of goods.



Prevention, detection, response and mitigation of the combination of physical and cyber threats to the critical infrastructure of Europe

Space capabilities and contributions can increase the protection of the following European Critical Infrastructures:

- **TLC:** Satellite Communications can increase business continuity and network resilience of current and future telecommunication networks (in response to physical/cyber threats).
- **Health services:** Space capabilities can improve resilience, preparedness and response of Health Services during emergency situations. A number of EHS stakeholders can rely on space capabilities (integrated with terrestrial ones) in order to improve their operations.
- **Financial services:** Financial stakeholders can benefit of space capabilities (including EGNSS) to improve their resilience towards physical/cyber threats.





Alissa Ioannone

Telespazio

Funded Research Programmes Department

Alissa.ioannone@telespazio.com