



7SHIELD

Safety and Security Standards of Space Systems, ground Segments and Satellite data assets



ACCELIGENCE
Cyprus



Centric
United Kingdom



CeRICT
Italy



CERTH
Greece



CS GROUP
France



CS Novidy's
France



Cyberlens
Netherlands



DEIMOS Engineering and Systems
Spain



DEIMOS Space
Spain



DFSL
Israel



EETT
Greece



ENGINEERING
Italy



FMI
Finland



Hellenic Police
Greece



INOVO
Portugal



KEMEA
Greece



NOA
Greece



Resilience Guard
Switzerland



RELISTECH
Italy



SATWAYS
Greece



SERCO
Italy



SpaceApps
Belgium

PREVENTION



DETECTION



RESPONSE



MITIGATION



TECHNOLOGIES AGAINST PHYSICAL AND CYBER THREATS

OUR PILOTS



ARCTIC SPACE CENTRE

Simulation of a physical attack on the Arctic Space Centre operated by the Finnish Meteorological Institute in Sodankylä, Finland.



NOA GROUND SEGMENT

Simulation of a Cyber & Physical attack on the Ground Segment of the National Observatory of Athens in Penteli, Greece.



ONDA DIAS

Simulation of a Cyberattack on the ONDA DIAS (Copernicus Data and Information Access Services) operated by SERCO in Frascati (Rome), Italy.



ICE CUBES SERVICE

Simulation of threat detection and mitigation on Ice Cubes Service operated by Space Applications in Sint-Stevens-Woluwe, Belgium.



DEIMOS GROUND SEGMENT

Simulation of a Cyber & Physical attack on DEIMOS's Ground Segment, Spain.

7SHIELD COMPONENTS CORE FUNCTIONALITIES

RISK SIMULATION & ASSESSMENT

HETEROGENEOUS DATA INGESTION AND CORRELATION

HYBRID THREAT DETECTION

HYBRID RISK EVALUATION & DECISION SUPPORT

CYBER AND PHYSICAL THREAT INTELLIGENCE

INTEGRATED COMMAND, CONTROL AND COORDINATION

SEMANTIC QUERIES

Data confidentiality & integrity

UAV with edge processing

Laser-fence

Face detection & recognition

Object & activity recognition

Hazardous object & situation detection

Tactical decision support

Intruding UAV neutralisation methods

Social awareness & warning message



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