Towards a EU framework for the security of Widezones

Fact Sheet

Project information

ZONESEC

Grant agreement ID: 607292
Status
Closed project

Start date
1 December 2014
End date
30 November 2018

Funded under:
FP7-SECURITY
Overall budget:
€ 14 163 695,89
EU contribution
€ 9 262 731,96

Coordinated by:
EXODUS ANONYMOS ETAIREIA PLIROFORIKIS
Greece

Objective

The advancement of 24/7 surveillance systems for the security of WideZones with multiple assets at localized scales is of extreme strategic relevance to European economies, industries, authorities and Citizens. Nevertheless, the cost for large deployments and maintenance of ground sensing networks for local surveillance across these WideZones is extremely high. Hence, large areas of high economic importance, particularly those situated at Member States cross-borders, may be exposed to undetected local illicit activities. These could lead to large systemic failures of the processes operating in wider zones, while economic stability, safety and security in Europe can be potentially compromised. Hence, the integration of affordable ground and airborne sensor observation technologies for the critical surveillance of large spatial areas of high economic values in Europe needs to be imminently prioritized. Secure and interoperable observation data and information management services using open standards shall be deployed in ZONESEC with the aim of cost-effectively reusing them in the surveillance of many other European WideZones. These services are part of an advanced Knowledge Base (KB) and primarily focused on large scale surveillance with high performance detection of localized abnormal activities and alerts. Semantically enriched domain knowledge representations shall be stored in the KB for supporting high level data fusion and reasoning with reduced uncertainties and false alerts. Surveillance professionals will securely subscribe to the scalable KB services of the ZONESEC system of systems with customisable visualization features. Several pilots specializing in the detection of illegal unauthorized entrances to or trespassing premises; or actions to damage to or deployment of harmful devices on installations shall be
fully demonstrated. These concern Water, Oil and Transnational Gas Pipelines; Highways and Rail tracks conveyed in six European countries.

Field of Science

/engineering and technology/environmental engineering/energy and fuels/fossil energy/gas
/social sciences/sociology/governance/public services

Programme(s)

FP7-SECURITY - Specific Programme "Cooperation": Security

Topic(s)

SEC-2013-1.6-3 - Surveillance of wide zones: from detection to alert – Integration Project

Call for proposal

FP7-SEC-2013-1

See other projects for this call

Funding Scheme

CP-IP - Large-scale integrating project

Coordinator

EXODUS ANONYMOS ETAIREIA PLIROFORIKIS

Address

Estias 1 & Mesogeion 73-75
11526 Athina
Greece

Activity type

Private for-profit entities
(excluding Higher or Secondary Education Establishments)

EU Contribution

€ 903 005,75

Contact the organisation

Administrative Contact

Dimitris Vassiliadis (Dr.)

Participants (18)
**DIGINEXT**  
**France**  
**EU Contribution**: € 696 043

**Address**  
370 Rue Rene Descartes Les Hauts De La Duranne  
Immeubles A Et B  
13857 Aix En Provence

**Activity type**  
Private for-profit entities  
(excluding Higher or Secondary Education Establishments)

**Website**  
**Contact the organisation**

**Administrative Contact**  
Stéphane Collins (Mr.)

---

**FUNDACION TEKNIKER**  
**Spain**  
**EU Contribution**: € 431 848

**Address**  
Calle Inaki Goenaga 5  
20600 Eibar Guipuzcoa

**Activity type**  
Research Organisations

**Website**  
**Contact the organisation**

**Administrative Contact**  
Alicia Piñeiro-Morán (Ms.)

---

**ATOS SPAIN SA**  
**Spain**  
**EU Contribution**: € 735 000

**Address**  
Calle De Albarracin 25  
28037 Madrid

**Activity type**  
Private for-profit entities  
(excluding Higher or Secondary Education Establishments)

**Website**  
**Contact the organisation**

**Administrative Contact**  
Fernando Kraus (Mr.)
TECHNISCHE UNIVERSITAET DRESDEN
Germany
EU Contribution
€ 604 732
Address
Helmholtzstrasse 10
01069 Dresden
Activity type
Higher or Secondary Education Establishments
Website
Contact the organisation
Administrative Contact
Claudia Hawke (Mrs.)

ISTITUTO DI SOCIOLOGIA INTERNAZIONALE DI GORIZIA
ISIG
Italy
EU Contribution
€ 179 400
Address
Via Mazzini 13
34170 Gorizia
Activity type
Research Organisations
Website
Contact the organisation
Administrative Contact
Daniele Del Bianco (Dr.)

AIRBUS DEFENCE AND SPACE GMBH
Germany
EU Contribution
€ 795 595,21
Address
Willy-Messerschmitt-Strasse 1
82024 Taufkirchen
Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)
Website
Contact the organisation
Administrative Contact
Dieter Hofmann (Mr.)
<table>
<thead>
<tr>
<th>Organisation</th>
<th>EU Contribution</th>
<th>Address</th>
<th>Activity type</th>
</tr>
</thead>
<tbody>
<tr>
<td>UNIVERSITY OF SOUTHAMPTON</td>
<td>€ 798 318</td>
<td>Highfield, S017 1bj Southampton</td>
<td>Higher or Secondary Education Establishments</td>
</tr>
<tr>
<td>INSTITUTE OF COMMUNICATION AND COMPUTER SYSTEMS</td>
<td>€ 655 200</td>
<td>Patission Str. 42, 10682 Athina</td>
<td>Research Organisations</td>
</tr>
<tr>
<td>CRISISPLAN BV</td>
<td>€ 310 080</td>
<td>Frambozenweg 123, 2321 Ka Leiden</td>
<td>Private for-profit entities (excluding Higher or Secondary Education Establishments)</td>
</tr>
<tr>
<td>Organisation Name</td>
<td>Country</td>
<td>EU Contribution</td>
<td>Address</td>
</tr>
<tr>
<td>-------------------</td>
<td>---------</td>
<td>-----------------</td>
<td>----------------------------------------------</td>
</tr>
<tr>
<td>ADITESS Advanced Integrated Technology Solutions &amp; Services LTD</td>
<td>Cyprus</td>
<td>€ 341 600</td>
<td>Vyzantiou 40 3rd Floor Flat Office 303/304 2064 Lefkosia</td>
</tr>
<tr>
<td>GAP Analysis Societé Anonyme Risk and Environmental Quality AE</td>
<td>Greece</td>
<td>€ 530 100</td>
<td>Odos Paraschou 108 11475 Athens</td>
</tr>
<tr>
<td>SILIXA LTD</td>
<td>United Kingdom</td>
<td>€ 568 677</td>
<td>Centennial Avenue 230 Centennial Wd6 3sn Elstree Hertfordshire</td>
</tr>
<tr>
<td>Organisation</td>
<td>EU Contribution</td>
<td>Address</td>
<td>Activity type</td>
</tr>
<tr>
<td>----------------------------------------------------------</td>
<td>-----------------</td>
<td>----------------------------------------------</td>
<td>-------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>THALES SA France</td>
<td>€ 673 228</td>
<td>Tour Carpe Diem Place Des Corolles Esplanade Nord 92200 Courbevoie</td>
<td>Private for-profit entities (excluding Higher or Secondary Education Establishments)</td>
</tr>
<tr>
<td>Administrative Contact</td>
<td></td>
<td>Olivier Prevotat (Mr.)</td>
<td></td>
</tr>
<tr>
<td>TELESTO TECHNOLOGIES PLIROFORIKIS KAI EPIKOINONION EPE</td>
<td>€ 421 750</td>
<td>Odos Imitou 62 15561 Athina</td>
<td>Private for-profit entities (excluding Higher or Secondary Education Establishments)</td>
</tr>
<tr>
<td>Administrative Contact</td>
<td></td>
<td>Dimitris Drakoulis (Dr.)</td>
<td></td>
</tr>
<tr>
<td>AE SYN. - LEITOYRG. KAI EKMETALLEYS. ELEYTHERIS LEO. ELEYGINAS - STAYROY - AERODROMIOY SPATON KAI DYTIKIS PERIFER. LEO. YMITOY ATTIKES DIADROMES</td>
<td>€ 193 000</td>
<td>41 9km Attiki Odos 19002 Paiania</td>
<td>Private for-profit entities (excluding Higher or Secondary Education Establishments)</td>
</tr>
<tr>
<td>Administrative Contact</td>
<td></td>
<td>Dimitris Mandalozis (Mr.)</td>
<td></td>
</tr>
</tbody>
</table>
COMPANIA AQUASERV SA
Romania

Address
Strada Kos Karoly 1
540297 Targu Mures

Activity type
Private for-profit entities
(excluding Higher or Secondary Education Establishments)

Website
Contact the organisation

Administrative Contact
Kalman Koncz (Mr.)

NV NEDERLANDSE GASUNIE
Netherlands

Address
Concourslaan 17
9727kc Groningen

Activity type
Private for-profit entities
(excluding Higher or Secondary Education Establishments)

Website
Contact the organisation

Administrative Contact
Reinder Woldring (Mr.)

ACCIONA CONSTRUCCION SA
Spain

Address
Avenida De Europa 18
Parque Empresarial
28108 Alcobendas

Activity type
Private for-profit entities
(excluding Higher or Secondary Education Establishments)

Contact the organisation

Administrative Contact
Miguel Angel Paris Torres (Mr.)