

Proposal for H2020 Security topics

Our role: technology integrator,

TOPICS

- **SEC-15-BES-2017: Risk-based screening at border crossing**
- **SEC-18-BES-2017: Acceptance of „no gate crossing point Solutions”**

SEC-15-BES-2017 and SEC-18-BES-2017 proposal:

Role: technology integrator,

EXPERTISE/INTEREST

- **Knowledge of sensors and information systems (technology provider neutral) that are deployed at border crossing points.**
- **Field experience of developing distributed and networked Smart Border HW & SW Solutions for border control.**
- **Integration of heterogeneous network of sensors, subsystems and databases using different technologies such as data bus, WebServices SOAP/WSDL, dedicated API.**
- **Validation and acceptance of technologies used in Smart Border solutions.**

Company Background

We are Polish innovation company operating as technology provider and integrator in the areas of: security, telecommunications and air traffic management systems.

Our mission is realized through:

- R&D: participation in national R&D projects and in H2020 BES-5-2015 project: Border crossing points topic 1: Novel mobility concepts for land border security**
- Hi-Tech: cooperation with world technology leaders such as: Airbus Defence, Thales, SAAB, Bosch.**

iBORDERctr (iCROSS) HORIZON 2020

„Border crossing topics 1: Novel mobility concepts for land border security (BES-5-2015)”

- **Consortium Leader: European Dynamics**
- **Consortium Members: Institute of Communication and Computer Systems (Greece), STREMBLE VENTURES LTD (Cyprus), The Manchester Metropolitan University (GB), ITTI sp. z o. o. (Poland), JAS technologie (Poland), EVERIS AEROSPACE, DEFENSE & SECURITYS (Spain), BioSec Group KFT (Hungary), Gottfried Wilhelm Leibniz University Hannover (Germany) Orszagos Rendor-fokapitanysag (Hungary), Centre for Security Studies KEMEA (Greece), TRAINOSE METAFORES-METAFORIKES YPIRESIES EPIVATON KAI FORTIOU AE (Greece), Latvian State Border Guard (Latvia).**
- **JAS technologie plays the role of technology Integrator.**



Overview of National R&D activity

- ✓ **R&D projects co-financed by the National Centre for Research and Development in the area of Defence and Security.**
- ✓ **Projects end-users:**
 - **Ministry of Interior and Administration.**
 - **Border Guards.**
 - **Police.**
 - **Fire Department.**
- ✓ **Polish Scientific Partners:**
 - **Military University of Technology.**
 - **Warsaw University of Technology.**
 - **Wroclaw University of Technology.**
 - **The Main School of Fire Service.**
 - **Military Institute of Chemistry and Radiometry.**
 - **State Scientific Research Centre of Fire Protection.**
 - **National Institute of Telecommunication.**

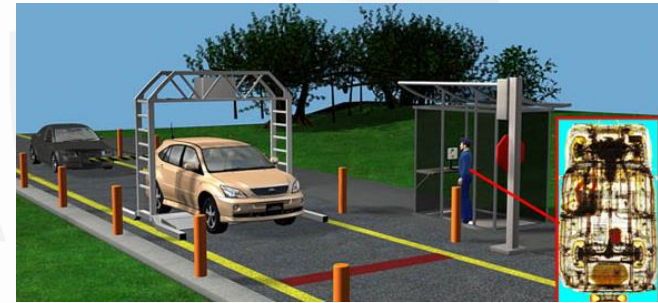
National R&D projects in Security

End user: Border Guards



„Development of environment to implement the concept of Smart Borders”

„Streamlining the process of border check on persons, with the use of biometric devices for self-control and control of the means of transport crossing the external border of the EU”



automatic car control point



„The development of energy-saving system for mobile biometric control of documents and people by using acoustic systems and imaging face”

National R&D project in Security

End User: Ministry of Internal Affairs

All-terrain Vehicle Testing Laboratory / IT system of management & planning the frequency and radio network inventory for services subordinate to the Ministry of the Interior and Administration



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