ARCHIMEDES

ABOUT

The ARCHIMEDES project, funded by the 7th Framework Programme of the European Commission runs for 3 years from 2012 to 2014.

ARCHIMEDES will redefine security innovation in Europe by bringing the demand and the supply sides closer together. And by facilitating End-Users and Operators' (EU&O) involvement in European research processes, bridging the gap between research and the deployment of innovative solutions and services.

The European Organisation for Security (EOS) leads ARCHIMEDES with the support of a consortium of 7 other partners, from 6 different European countries

- Spanish Ministry of Interior - ES
- Ingeniería de Sistemas para la Defensa de España - ES
- German European Security Association - DE
- French High Committee for Civil Defence - FR
- Université Catholique de Louvain - BE
- Industrial Research Institute for Automation and Measurements - PL
- MediaService – IT

OUTPUTS DELIVERED BY THE END OF 2014:

Methodology to provide end-users with *tools, procedures* and *best practices* on how to efficiently benefit from *R&T results*.

Recommendations to EC stakeholders on what *R&T needs* should be funded and how and *what reforms* are needed to make R/T more *appealing to EU&O*, and thus *enhance their R&T uptake*

Establishment of a *sustained public-private dialogue* among end-users & operators through the presentation and validation of a *strategic plan* for a *Security EU&O Network*

ARCHIMEDES END TO END APPROACH

The main objective is to bridge the gap between research and the market by facilitating the involvement of EU&O in EU research processes. The consortium has been collecting and analysing EU&O needs, providing them with tools, promoting cooperation between them and raising awareness of the need for a common culture that embraces innovation.

ROUNDTABLES

GATHERING REQUIREMENTS AND FEEDBACK THROUGH INTERACTIVE ROUNDTABLES

10 interactive roundtables to gather feedback across different security topics, including ;

- smart borders/border surveillance,
- cyber-crime/cyber-terrorism,
- civil aviation security,
- Chemical, biological, radiological and nuclear (CBRN) threats,
- innovation management,
- civil protection/crisis management,
- the external dimension of security.

The roundtables provide a safe environment to honestly and openly discuss end-users' and operators' real needs and concerns.
Security stakeholder can network, exchange points of view, best practices, and increase their coordination at the European level.

Each roundtable is followed up by a roundtable report reflecting the results of the discussions on a specific topic, and proposing a list of concrete recommendations to EU stakeholders on how to improve.

AGENDA

01. **Aviation Security**
29-30 October 2012, Berlin, Germany

02. **CBRN Event Response**
20-21 December 2012, Paris, France

03. **Cyber Crime and Cyber Terrorism**
8-9 April 2013, Rome, Italy

04. **External Dimension of Security**
24-25 April 2013, Brussels, Belgium

05. **Smart Borders**
17-18 October 2013, Madrid, Spain

06. **Civil Protection**
9-10 January 2014, Warsaw, Poland

07. **Innovation Management**
20-21 February 2014, Aix-en-Provence, France

08. **Robotics in Security**
9-10 April 2014, Warsaw, Poland

09. **Critical Infrastructure Protection**
23-24 June 2014, Paris, France

10. **Urban Security**
October 2014 (date and place TBC)

ARCHIMEDES
REDEFINING INNOVATION IN EUROPE

TOWARDS EUROPEAN SECURITY RESEARCH ACTIVITIES THAT MAKE A DIFFERENCE

ARCHIMEDES

PROMOTING DIALOGUE IN EUROPEAN SECURITY RESEARCH

ARCHIMEDES will improve the involvement of End-users & Operators (EU&O) involved in European security research. ARCHIMEDES believes that lasting cooperation between national security organisations can only be achieved from open collaboration and communication.

10 sector specific roundtables are gathering the needs and requirements of security end-users such as law enforcement, first responders, civil protection, airports and border guards.

The roundtables allow a safe environment for security stakeholders to discuss and feedback their real concerns and needs.

ALL STAKEHOLDERS ARE NEEDED TO DEVELOP A EUROPEAN SECURITY RESEARCH STRATEGY

ARCHIMEDES proposes the creation of a permanent network to improve collaboration and cooperation amongst European security stakeholders. The creation of this network follows on from the recommendations made by the European Security Research and Innovation Forum (ESRIF 2007-2009) . Moreover the Communication to the European Parliament and the Council, of 11 September 2007 stated :

"Developing and implementing an effective security research strategy [...] requires the participation of all relevant stakeholders in the private and the public sectors."
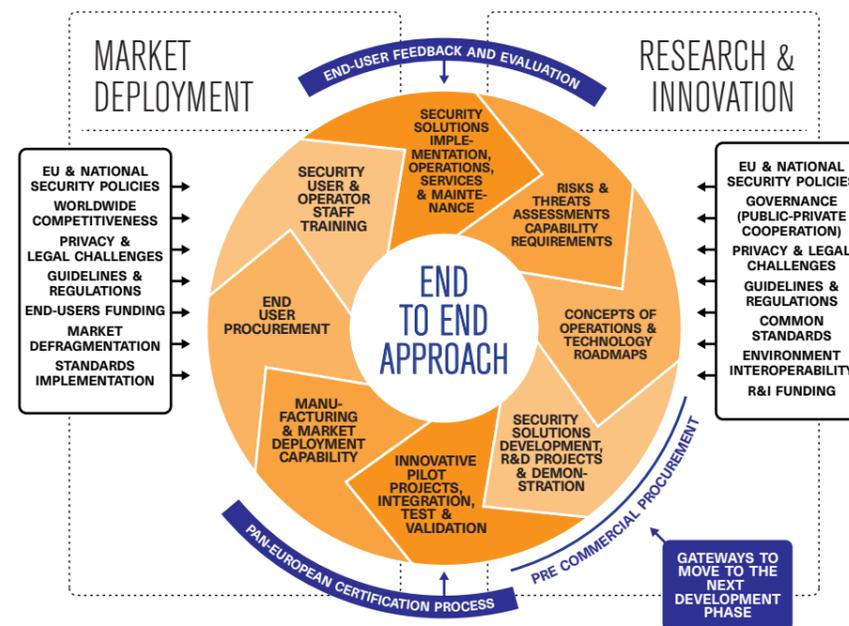
In February 2014, 15 representatives from 8 European Member States (France, Germany, United Kingdom, Spain, Italy, Belgium, Austria and Greece) came together to exchange ideas on the creation of this platform. A final proposal for this network will be presented at a high level conference in Athens in May 2014.

VISION USING AN END-TO-END APPROACH TO DEVELOP SECURITY SOLUTIONS

To develop security solutions and technologies, market and research constraints will need to be removed. Constraints such as the lack of common standards, fragmented national policy, lack of funding, and privacy challenges are limiting the competitiveness of European security industries.

The ARCHIMEDES approach is to take existing tools and policies, and structure them into a logical process. This allows the market to suggest new research ideas and the research industry to provide innovative security solutions.

ARCHIMEDES BELIEVES SUCH A PLATFORM WILL:

- Bring together different stakeholders from across Europe,
- Promote the harmonisation of the European security market,
- Define common operational requirements,
- Help national approaches to impact European policy-making,
- Increase the competitiveness of the European Industry
- Provide sustainable solutions to the needs of security users and operators.

ARCHIMEDES considers that this network will be a key element in creating robust security policy for European industry.

VIRTUAL COMMUNITY

Support the objectives of ARCHIMEDES and make your voice heard by joining our virtual community. Register for free at **www.archimedes-eu.eu**.

BY JOINING OUR COMMUNITY YOU WILL BE ABLE TO:

- Find out how to exploit European security research results to improve your security operations,
- Contribute to online discussions on European security policy, industrial policy, innovation management and operations security needs,
- Access information on the 10 ARCHIMEDES sector specific security roundtables.

MORE INFORMATION

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PARTNERS

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