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June 2009

## **SECURITY EUROPE**

*The monthly inside view from Brussels  
on European civil security policy, technology & business*

### **SecEUR is the only Brussels-based information and advisory service specialised in European civil security.**

We monitor, analyse and report on security developments across the European Union, assist stakeholders to participate as appropriate in policy formulation and identify the associated new security research and business opportunities. Here are the key “eyes and ears” services in EU civil security we offer:

- **SECURITY EUROPE**, our on-line monthly **newsletter** and the only publication doing forward analysis of EU civil security policy and technology and its impact on public and private stakeholders. Covering security research & technology, biometrics, border management, aviation security, critical infrastructure protection, counter-terrorism and more, it also includes a tenders page and events calendar.
- **Opportunity Profiles**: these explore and document the business and policy potential of a product, technology or sector, and identify EU policy and research developments, organisations involved, points of contact and other useful information.
- **SMS - “Security Monitoring Service”**® for organisations requiring regular policy surveillance and identification of opportunities in EU tenders and research grants.
- **Security Synthesis Workshop**® SecEUR’s concise one-day training on the “who, what, where, when and why” of doing business in the EU’s civil security market.

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**Security Research - Mass Transport**

(Published in April 2009)

***EU's third annual security research call-for-proposals will be the biggest yet, with emphasis on large-scale technology/capability projects***

BRUSSELS – The European Commission is finalising its third – and biggest yet – annual call for security research and technology proposals under the EU's seven-year Security Research programme, scheduled to be launched in July. In contrast to previous calls, the forthcoming security research call 3 (SR03) differs in two significant ways.

First, its budget of approximately EUR 220 million is much larger – over EUR 100 million higher than that of SR02, for example. This is indicative of the rising annual amounts the Commission will now spend until the programme's end in 2013.

Second, the new call will mark a shift from small and medium-sized EU security research efforts to large-scale, system-oriented “demonstration” projects. The first two annual calls concentrated on the identification of existing technologies and capabilities and the development of new ones. Future calls, however, will place an increasing accent on integration of technologies to produce all-encompassing system-of-system capabilities for prevention, detection, surveillance, analysis, reaction and resilience.

For example, one of SR03's research priorities

will be mass transport, with a focus on the movement of people and not goods – meaning freight is excluded from its scope. “There is a serious need to do more research in metropolitan mass transport,” an EU source tells *SECURITY EUROPE*. “Most of Europe's security work and investment has gone into the air transport sector at the expense of security of metro systems, buses and regional trains.”

According to the official, this goes far beyond mere physical protection to embrace distributed situational awareness, advanced training tools for [...]

**The upshot:** *One of the mass transport demonstration project's key requisites will be for a “very strong participation” of public authorities, said the source, adding that private security companies “will certainly have an important role to play” in future integrated mass-transport security systems.*

*Another provision will require that the project's technologies/capabilities be demonstrated with actual hardware in multiple relevant locations. The reason for this is simple: the Commission wants [...]*

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**Data Security & Privacy: RFID**

(Published in May 2009)

***Industry, governments to hammer out new guidelines on RFIDs; consumer confidence and data protection at forefront of initiative***

BRUSSELS – The European Commission's new guidelines for protecting personal data gathered by proliferating radio-frequency identification (RFID) chips imply huge implementing obligations for government and industry. Though the recommendation is non-binding and based on industry self-regulation, public authorities can be expected to exercise a strong oversight role in view of acute public concerns about personal privacy in Europe.

The guidelines also single out several critical RFID applications and sectors for their impact on the general public regarding information security and privacy. These applications require specific attention – including more security research and development – and pertain to such activities as electronic ticketing for public transport, biometric identifiers and health-related data.

Released on 12 May, the crux of the new “recommendation on the implementation of privacy and data protection principle in applications supported by radio-frequency identification” is short in terms of text – not even four pages – but long for its repercussions on business, government and IT-related research and commercial activity. Such concerns are also driving the 27 EU countries to update their 14-

year old law (Directive 95/64/EC) on the protection and process of personal data. (See related Data Protection story in this issue.)

For example, the new recommendation urges:

- industry and civil society stakeholders to develop a framework to assess the impact of RFIDs on privacy and data protection;
- RFID operators to develop and publish “concise, accurate and easy to understand” consumer notification policies for each of their RFID applications, including announcement by stores of [...]

**The upshot:** *The development of privacy enhancing technologies, or PETs, will be crucial for the public's acceptance of technologies such as RFIDs. This points to the concept of privacy-by-design whereby data protection capabilities are built into a product or information technology from its very inception.*

*The new recommendation notes that R&D for low-cost PETs and information security technologies “is essential at Community level” to promote their take-up. However, privacy-by-design also raises the spectre of regulatory intervention if it is [...]*

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**Security Research: Transatlantic Initiative**

(Published in February 2009)

***Brussels and Washington mulling ways to expand EU-US science and technology cooperation, including security research for the first time***

BRUSSELS – The European Union and the US government are in final discussions to renew their rolling five-year cooperative research effort known as the EU-US Cooperation in Science and Technology agreement. Finalised in late 2004, their current science & technology (S&T) agreement expires at the end of September 2009 and covers a selected range of R&D topics – but not security.

This will change if all goes according to plan. The two sides are negotiating not only to renew their agreement once again but to expand it to include two unprecedented S&T topics: security research and space.

“We have increasing pots of money for security research and technology development, and so does the EU,” a US Department of Homeland Security (DHS) official recently told *SECURITY EUROPE*. “Why shouldn’t we collaborate? It would make eminent sense, given that we and the [European] Commission are already working together on operational security policy in so many areas.” Both partners consult across a gamut of operational issues on civil security. This ranges from aviation and maritime security to

customs and border controls.

Their transatlantic S&T agreement began in the late 1990s and has been renewed twice since then with an ever-expanding agenda of topics. Until recently, however, any common approach to civil security research was muted. Biotechnology, bioethics and food safety are covered in the 2004 agreement but there’s no specific remit to pursue research into bio-security.

The European Commission and the DHS are now putting the finishing touches on a draft text for their next EU-US Science and Cooperation Agreement, which could be signed as early as March, according to the DHS official. “This could lead to [...]

**The upshot:** *The concept of joint transatlantic funding of security projects is tantalising – and makes eminent good sense for economic and political reasons – but will die on the vine if it comes with too many bureaucratic strings attached by either side. It will thus be crucial for the two partners to first align their [...]*

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**Research: Robotics & Disaster Response**

(Published in January 2009)

***Pair of EU-funded robotics projects edging toward multi-mode detection and surveillance for disasters but problems persist, say researchers***

BRUSSELS – Can robots be used to reliably detect and save victims of fires, explosions and other disasters?

Two EU-funded projects involving dense networks of academic and corporate research teams are exploring the possibilities.

The theoretical and applied research results so far are encouraging, but there remain several critical

technical challenges to overcome before either individual or grouped robots can be sent into such missions.

Disaster response robots are the focus of two interesting and related research projects known as VIEW-FINDER (“Vision and Chemi-resistor equipped Web-connected finding Robots”) and [...]

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**Critical Infrastructure: EU Alert System**

(Published in November 2008)

***New EU alert system for critical infrastructure is commendably multi-sector in design, but will the 27 member states use it as intended?***

BRUSSELS, After months of sensitive negotiations with the 27 EU member states, the European Commission has finally unveiled its proposal to create a critical infrastructure warning information network (CIWIN). To be hosted at the Commission’s Joint Research Centre in Ispra, Italy, the network will function as an attack-alert system and will promote information-sharing about best practices and new ideas for critical infrastructure protection (CIP).

Now being finalised, a CIWIN pilot project will be implemented and tested during 2009, after which

the Commission will confer with national capitals to identify the system’s weaknesses and strengths and what modifications may be needed. According to the Commission, CIWIN will “not have a significant direct financial impact on either Member States’ or the EU’s budget.” For example, maintenance costs would hover around €550,000 per year.

Unveiled in late October, the 27-page proposal would create an unprecedented [...]

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**Tender Watch**

(Published in May 2009)

**Update on tenders and calls-for-proposals in EU security**

**CONTRACT NOTICES**

**1. B-Brussels: in-theatre mobility capability evaluation study (Ref: 2009/S 72-103623)**

Contact: European Defence Agency (EDA)

This in-theatre mobility capability [evaluation study](#), launched by EDA, will ascertain the best possible combination of future and current tactical transport assets, examine their optimal features and the future technology trends and evolutions that may impact on intra-theatre lift.

The study will also evaluate optimum use of current and future technologies to propose solutions for existing and future deficits in intra-theatre lift, including infrastructure of air and sea ports of disembarkation and vertical lift assets (or, in the nearer term heavy transport helicopters). It is the follow-up to a strategic transport capability analysis study, using developed data model and IT tools. The scope is worldwide, and will embrace developments in both the civil and military spheres. Thus, a dual approach is required throughout the whole study.

Deadline for receipt of tenders or requests to

participate has been extended from 15 May 2009 to 17 July 2009 (16:00 CET).

Duration: 9 months from award of contract.

The estimated value of this contract should not to exceed 350 000 EUR (excluding VAT).

Procurement rules applicable to the procurement procedure can be found [here](#). Further information can be requested from: [procurement@eda.europa.eu](mailto:procurement@eda.europa.eu).

**2. European training courses on nuclear emergency management 2010–2012 (Ref: 2009/S 67-095755)**

Contact: European Commission, Directorate-General for Energy and Transport (DE TREN)

The aim of the project is to give the authorities in each EU Member State and candidate country an opportunity to send members of their staff for training in order to improve knowledge of basic radiological and nuclear emergency management and the European arrangements in this field.

Deadline for receipt of tenders or requests to participate: 12 June 2009 (4:00 CET) [...]

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**Events Calendar**

(Published in May 2009)

**Upcoming European security conferences & exhibits**

Here are some upcoming events related to European civil security:

- “The growing requirement for information security awareness across public and private organizations.”

Conference organised by ENISA on 19 June 2009, London, UK.

[http://enisa.europa.eu/pages/04\\_01\\_ar\\_conf\\_2009.htm](http://enisa.europa.eu/pages/04_01_ar_conf_2009.htm)

- “European e-Identity Management Conference

2009”, 25-26 June 2009, London, UK.

<http://www.revolutionevents.plus.com/eema/index.htm>

- “Biometrics and Electronic Signatures Research and Applications Workshop”, 17-18 September 2009, Darmstadt, Germany.

[http://www.eubiometricsforum.com/index.php?option=com\\_content&task=view&id=786&Itemid=95](http://www.eubiometricsforum.com/index.php?option=com_content&task=view&id=786&Itemid=95)

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**Brooks TIGNER**  
Editor & Chief Policy Analyst

**Robert DRAPER**  
Business Development Director

**Isabelle ROCCIA**  
Deputy Editor & Policy Analyst

**Ramona KUNDT**  
Editorial Assistant

**SecEUR**  
235 rue de la Loi; box 27  
1040 Brussels, Belgium  
Tel: (+32) 2 230-1162  
Email: [securityeurope@seceur.info](mailto:securityeurope@seceur.info)

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