



PrivAcy pReserving Infrastructure for Surveillance

Deliverable D7.5 Report on Dissemination and Liaison

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Document History

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Executive Summary

This deliverable lists the dissemination activities carried out during the second half of the project. Major achievements include:

- Organisation of CPDP 2015 Panel: "I spy with my little fly: when surveillance goes mobile", 21-23 January 2015
- Organisation of 2nd IPEN Workshop, Law Faculty, Leuven, 5 June 2015
- Joint multidisciplinary paper (KUL, Inria): Fanny Coudert, Denis Butin, Daniel Le Métayer, Body-worn cameras for police accountability: Opportunities and risks, Computer Law & Security Review: The International Journal of Technology Law and Practice 31 (2015), pp. 749-762.
- Presentation of PARIS contribution to biometric systems in EAB research project conference (EAB-RPC) 2015 le 7 Septembre 2016 in Darmstadt¹
- Organisation of CPDP 2016 Panel : "Towards Agreed Practices for Privacy Impact Assessments", 28 January 2016
- Organisation of KUL workshop: "The Directive for data protection in the police and justice sectors: a significant step towards modern EU data protection?", 1 February 2016.
- Proposal of a new Terms of reference to European Association of Biometric working group on privacy impact assessment, 19 February, 2016.

¹ <http://www.eab.org/events/program/79?ts=1456140844516>

1 Participation to academic and policy workshops/conferences

Innovation Forum (ETH Zurich - Allistene), June 2014, Zurich

INRIA was invited to give a talk on privacy and accountability.

9th Future Security Research Conference, Berlin, Germany, 16-18 September 2014

In this event organized by Fraunhofer VVS, AIT presented a poster "A distributed system for secure, modular computer vision".

IPEN – Workshop, Berlin, 26 September 2014

Trialog and KU Leuven participated in the IPEN Workshop. The purpose of IPEN (Internet Privacy Engineering Forum) is to bring together developers and data protection experts with a technical background from different areas in order to launch and support projects that build privacy into everyday tools and develop new tools which can effectively protect and enhance our privacy. The initiative includes the most active DPAs (i.e., French, Dutch, German (i.e., Berlin and Schleswig Holstein), UK, and Irish), research institutes (i.e., Oxford Internet Institute and University College London, Radboud University Nijmegen), NGOs (i.e., OWASP), business (i.e., Nokia, the HP) and other interested individuals. The underlying goal of this initiative is to narrow and close the gap between available tools and data processing practices. At the same time, the initiative aims at enabling direct exchange of information between participating parties.

Preserving Privacy in an age of increased surveillance – A biometrics perspective, London, 27 October 2014

KU Leuven participated in the event organized by the EAB. The event focused on privacy issues surrounding biometric technologies and applications helping to understand key concerns and trends. U. Namur and KU Leuven plan to draft a handbook for designing privacy-preserving biometric systems and disseminate it to the EAB (organizers of the event). Attendance of this workshop will provide us knowledge on privacy issues in the field of biometrics and follow-up on our contacts with EAB (both KU Leuven and U. Namur work closely with the EAB members).

JURITIC - Workshop on "Retention of traffic data" ("La conservation des métadonnées à grande échelle") (30 October 2014), Brussels

Unamur gave a presentation on "CJUE, 8 Avril 2014, Digital Rights Ireland : réactions dans les Etats membres et portée précédente de l'arrêt". This conference examines the challenges facing the EU regarding data retention, particularly in the aftermath of the

judgement Digital Rights Ireland by the Court of Justice of the European Union of April 2014, which found the Data retention Directive 2006/24 to be invalid. This CJEU Judgement of 8 April 2014 is a landmark case in relation to surveillance and fundamental rights. Its contribution to the balancing debate between privacy and security is of the crucial importance.

Expert workshop: "Cultures of accountability: A cross-cultural perspective on current and future accountability mechanisms", 13 November 2014, Leuven

KU Leuven organized the Expert workshop which intended to bring together experts from various 'cultures' of accountability, which represent different geographical regions (e.g., North-America, EU, Asia), sectors (e.g., finance, public management) and stakeholder groups (policy makers, civil society, industry and academia). The overall aim of this discussion is to see how current accountability mechanisms can be made (more) effective in practice.

Objectives:

1. To enable privacy experts to learn, not only from each other, but also from the experiences in other areas of practice (e.g. finance, public management).
2. Explore mechanisms to enhance accountability towards individuals (data subjects).
3. To inform the development of more effective accountability mechanisms.

From the PARIS consortium: Trialog, UNamur, INRIA, KU Leuven attended the event.

[ADVISE] Liaison Workshop & [VideoSense] Winter School, Pont-Saint-Martin, Valle d'Aosta, Italy, 24-26 November 2014,

This workshop gathered representatives from both types of activity, supported by law enforcement agencies, with a view to a multi-sided debate about possible and desirable shape of surveillance solutions deployed in the European society. In particular, the workshop debated:

- What are the respective needs and requirements of technologically- and socially-oriented research and of public authorities?
- How to arrange a smooth, efficient and fruitful collaboration between these three types of stakeholders?

The workshop was expected to contribute to the debate on the acceptable extent of the invasiveness of contemporary surveillance solutions in the European society. It is also expected to add to the debate on optimal methods of collaboration between the three main stakeholders in achieving so.

Thales presented the PARIS project to the meeting participants.

KU Leuven was the respondent to key note speech When (privacy) impact assessment meets smart surveillance.

Thales, AIT participated to Panel debate: Confronting the reality of smart video surveillance with ethics, privacy and data protection.

Security Research Conference, Genoa, 10 December 2014

Thales (representing both FP7 SECUR-ED and PARIS) was invited by the Commission to be part of the roundtable focusing on Privacy by design and the societal aspects of security organized during the Security Research Conference, in Genoa. Moderator was Peter Burgess, Research Professor, Peace Research Institute in Oslo (PRIO) and Coordinator of the SOURCE project and the panelists were

- Graham Willmott, Head, Policy and Research in Security Unit, DG Enterprise and Industry (just moving to DG Home)
- Aljosa Pasic, ATOS
- Joseph Cannataci, University of Groningen, DEMOcracy and SECurity platform (DEMOSEC)
- Jean-François Sulzer, Advanced-Projects Manager, Thales

The dialogue proved to be very open and pragmatic, paving the way to the release by the Commission (represented at the Head of Unit level) of the Mandate already circulated at a draft level for many months. It was clearly stated by the Commission that the concept of privacy by design applied to the security solutions and systems had become policy priority, some other matters were more open to discussion, like:

- What are the challenges of translating the principle of privacy design into practice?
- Which role will play the Data Protection Regulation already pending for several years?
- How shifting public attitudes may influence policy and investment decisions?

CPDP 2015 – Panel: "I spy with my little fly: when surveillance goes mobile", 21-23 January 2015

KU Leuven organized a panel in the Computers Privacy and Data Protection (CPDP). Since 2008, CPDP gathers every year in Brussels policy makers, academics, computer scientists, consultants, practitioners and activists from all over the world to discuss and exchange ideas and discuss emerging issues in information technology, privacy, data protection and law. The panel dealt with the challenges raised by mobile surveillance: the miniaturization increases the invisibility of surveillance and thus its opacity; the mobility of surveillance jeopardises the few transparency mechanisms imposed by the legal framework such as information notices; the intrusiveness is potentially far greater as these devices have the capacity to collect widespread information. Police body cameras were taken as example.

Following the approach developed in PARIS project, the panel examined these issues from different fields of expertise. We have thus invited speakers with different backgrounds.

Panelists include: Chair: Fanny Coudert, Moderator: Jos Dumortier (renown privacy expert and partner at Time.lex, a law firm specialized in ICT Law), Speakers:*Daniel Le Métayer, Research Director at Inria (Inria is a French national research institute in computer science) and head of the Inria Project Lab CAPPRIS (on privacy protection), Matthias Bossuet, a representative from Thales, a French security Company, which develops and commercializes security systems for police forces, Jay Stanley, Senior Policy Analyst at ACLU who has

authored a recent report on the use of police body cameras in the US, Nathalie Grandjean, researcher in sociology at CRIDS.

Workshop on ‘The Directive for data protection in the police and justice sectors: a significant step towards modern EU data protection’, Leuven, Belgium, 1 February 2015

KU Leuven co-organised the workshop. Speakers included **Paul de Hert** (VUB), **TJ McIntyre** (UC Dublin), **Eleni Kosta** (TILT) and **Fanny Coudert** (Center for IT and IP Law - KU Leuven). The discussion was moderated by **Frank Verbruggen** (Institute of Criminal Law – KU Leuven, guest professor UHasselt).

2nd IPEN Workshop, Law Faculty, Leuven, 5 June 2015

KU Leuven and Trialog organized the event. More information: https://secure.edps.europa.eu/EDPSWEB/edps/EDPS/IPEN/IPEN_Workshop_2015

Responsible Research and Innovation for ICT Workshop, Brussels, 8-9 July 2015

VT attended at the workshop, which was a first attempt to define better what responsible research and innovation is about. The event was attended by approximately 150 people. A web has been created at <http://www.rri-ict-forum.eu/> and a profile for the PARIS project has been introduced here: <http://www.rri-ict-forum.eu/index.php/PARIS>. Prof. Atta Badii who is part of the PARIS Advisory Board was also attending the RRI-ICT Workshop.

6th International Conference on Imaging for Crime Detection and Prevention (ICDP-15), Queen Mary University, London, UK, 15-17 July, 2015

The 6th International Conference on Imaging for Crime Detection and Prevention (ICDP-15) aims to create an important networking forum in which participants can discuss the present and future of image-based technologies for crime detection and prevention.

AIT submitted a paper concerning the PARIS Video Surveillance Use-Case and presented the PARIS project at the Special Session for EU Projects. The session included presentations related to EU-funded projects especially in the areas of security, crime prevention, imaging systems and applications, social impact of such technologies and any other relevant fields.

The IFIP Summer School, Edinburgh, August 16-21, 2015

KU Leuven attended and presented a paper in the tenth IFIP Summer School. The Summer School takes a holistic approach to society and technology and support interdisciplinary exchange through keynote and plenary lectures, tutorials, workshops, and research paper presentations. The school has a two-phase review process for submitted papers. In the first phase submitted papers (short versions) are reviewed and selected for presentation at the school. After the school, these papers can be revised (so that they can benefit from the

discussion that occurred at the school) and are then reviewed again for inclusion in the school's proceedings which will be published by Springer. KU Leuven presented a research paper titled "Accountability in the EU data protection reform: Balancing citizens' and business' rights, forthcoming IFIP summer school proceedings", previous version available at: <http://www.ifip-summerschool.org/wp-content/uploads/2015/08/Summer-School-2015-PreProceedings.pdf>. The paper will be published in the upcoming IFIP Summer School Proceedings.

6th Int. Workshop on Enterprise Modelling and Information Systems architectures, Innsbruck, Austria, 3-4 September, 2015

AIT presented a paper on "Using Content Analysis for Privacy Requirement Extraction and Policy Formalization".

10th Future Security Security Research Conference, Berlin, Germany, 15-17 September, 2015

AIT presented a poster "Privacy Aware Modular Video Analytics".

Annual Privacy Forum, "Bringing research and policy together", Luxembourg, 7-8 October 2015

Daniel Le Métayer (INRIA) was co-chairman of the scientific program of the conference.

Session on multidisciplinary aspects of Privacy by Design : KU Leuven organized a session in the APF organized by the European Commission Directorate General for Communications Networks, Content and Technology (DG CONNECT), the European Union Agency for Network and Information Security (ENISA) and, as local host, the University of Luxemburg. The goal of the event was to provide a forum to academia, industry and policy makers. The session consisted of a keynote and a panel. The keynote will be given by Marit Hansen. The panel was moderated by Antonio Kung (Trialog). Panelists included: David Stevens, DPO of Telenet, a Belgian ISP, Dan Bogdanov, Cybernetica, an Estonian company developing PbD products, Mathias Poc from ANEC, a German consumer organization focused on standardization initiatives.

CPDP 2016 – Panel: "Towards agreed practices for privacy impact assessments", 27 January 2016

This panel was organised by the Paris Project. The participants were

- Chair Antonio Kung, Trialog (FR)
- Moderator David Wright, Trilateral Research (UK)
- Panel Claire Gayrel, University of Namur (BE), Johan Rambli, Alliander (NL), Anderson Santana de Oliveira, SAP (DE), Sarah Spiekermann, University of Vienna (AT)

The objective of the panel was as follows: privacy Impact Assessment is a tool aimed at mitigating privacy risks used by organisations involved in the development of applications

processing personal information. The concept of impact assessment is visible at regulation level, for instance in the GDPR. Accordingly, a range of initiatives have emerged aimed at making PIA practice a reality. Guidelines are available through a number of national authorities (e.g. CNIL PIA guidelines) and an international PIA standard is under development by the ISO. Indeed, even domain specific work has started - for instance, templates and recommendations have been made available for RFIDs, smart grids, biometric applications and cloud computing. In this panel, participants from different areas and disciplines will compare their work in PIA practice. In particular, the panel will consider the following issues:

- The comparison of practice, multidisciplinary issues and process issues
- The PIA in the supply chain
- Tools to support PIAs
- Standards to support PIAs

***Workshop: The Directive for data protection in the police and justice sectors: a significant step towards modern EU data protection?
February 1, 2016***

Here is the description of the workshop:

On 2015, December 15, after three years of negotiations, the Council, the European Parliament and the European Commission reached an agreement on the text of the Directive for data protection in the police and justice sectors. The text was long awaited since Framework Decision 20008/977/JHA failed to regulate internal data processing activities of law enforcement as mandated by article 16 TFEU. For the first time, the Directive provides a harmonized framework for data processing activities performed for the prevention, investigation, detection or prosecution of criminal offenses. It forms a major building block in the data protection architecture of the EU criminal justice and law enforcement area and should be read together with other specific instruments that regulate data processing activities of EU agencies and cross-border data flows. The Directive also comes after two important judgements, Digital Rights Ireland and Schrems, in which the CJEU has set important criteria for the respect of the fundamental rights to privacy and to data protection in the field of law enforcement, giving concrete guidelines to EU policy makers on how to “ensure full compliance with fundamental rights” in EU Security policies.

Despite being a milestone in the regulation of law enforcement data processing activities, the Directive has developed in the shadow of the heavily debated General Data Protection Regulation. Several key aspects have received too little attention. For example, is there sufficient justification for separating the European data protection framework in two different regimes with different thresholds for personal data protection? Does the Directive provide meaningful rules for the implementation of the principles of purpose specification and use limitation in a sector that calls for increased data pooling and data flows? Can legal obligations easily be implemented in software or do they create an excessive logistical burden for law enforcement? Which are the remaining challenges for the building of a robust data protection framework for the EU criminal justice and law enforcement area? Which role will the Directive play in the broader context of the surveillance reform, particularly following significant recent CJEU and ECHR case law?

Speakers: Paul de Hert (VUB), TJ McIntyre (UC Dublin), Eleni Kosta (TILT) and Fanny Coudert (CiTiP-KU Leuven). The discussion will be moderated by Frank Verbruggen (Institute of Criminal Law – KU Leuven, guest professor UHasselt).

2 Publications and Videos

Publications

- Fanny Coudert, Denis Butin, Daniel Le Métayer, Body-worn cameras for police accountability: Opportunities and risks, *Computer Law & Security Review: The International Journal of Technology Law and Practice* 31 (2015), pp. 749-762.
- Denis Butin, Daniel Le Métayer, A guide to end-to-end privacy accountability, TELERISE, Int. Workshop on Technical and Legal Aspects of Data Privacy and Security, 2015.
- Denis Butin, Daniel Le Métayer, Log Analysis for Data Protection Accountability, 19th International Symposium on Formal Methods (FM2014), Springer LNCS, 2014.
- Christophe Lazaro, Daniel Le Métayer, Control over personal data: true remedy or fairy tale ? Scripted, Volume 12, Issue 1, June 2015.
- Christophe Lazaro, Daniel Le Métayer, The Consent to personal data processing: a comparative perspective on data subject's autonomy (in French), *Montreal Law Review, Revue Juridique Thémis*, 48-3, 2015.
- Koen Decroix, Denis Butin, Joachim Jansses, Vincent Naessens, Inferring Accountability from Trust Perceptions, ICISS2014 (10th International Conference on Information Systems Security).
- Thong Ta Vinh, Thibaud Antignac , Privacy By Design: On the Conformance Between Protocols and Architectures. FPS 2014 (The 7th International Symposium on Foundations & Practice of Security).
- George Danezis, Josep Domingo-Ferrer, Marit Hansen, Jaap-Henk Hoepman, Daniel Le Métayer, Rodica Tirttea, Stefan Schiffner, Privacy and data protection by design - From policy to engineering - ENISA Report 2015-01-12
- Daniel Le Métayer, Whom to trust ? Using technology to enforce privacy. Chapter in book about PbD ed. by D. Wright and P. De Hert - to be published in 2015 (Springer).
- Denis Butin, Daniel Le Métayer, A guide to end-to-end privacy accountability, TELERISE, Int. Workshop on Technical and Legal Aspects of Data Privacy and Security, 2015.
- Christophe Lazaro, Daniel Le Métayer, Control over personal data: true remedy or fairy tale ? Scripted, Volume 12, Issue 1, June 2015.
- Claire Gayrel & Jean Herveg, "Personal data protection in european law, chronicle », *Journal européen des droits de l'homme*, issue 1, 2015, pp. 57-84
- Pagona Tsormpatzoudi Pagona, Bettina Berendt & Fanny Coudert, "Privacy by Design: From Research and Policy to Practice – the challenge of multidisciplinary", Annual Privacy Forum 2015 Proceedings, Springer LNCS 9484 (2016) forthcoming.
- Claire Gayrel, "The Principle of Proportionality Applied to Biometrics in France, 10 Years of CNIL's Deliberations", in *Computer Law & Security Review*, February 2016
- Pagona Tsormpatzoudi & Fanny Coudert, "Technology providers' responsibility in protecting privacy: dropped from the sky", Paper presented in the Amsterdam Privacy Conference , October 2016

Videos

- Overview of PARIS concepts
(<https://www.youtube.com/watch?v=bP9ZOAgLXPE&feature=youtu.be>)
- PIA Guidliens for Biometric systems (<https://www.youtube.com/watch?v=hmuWCw-afBU>)

3 Outreach to policy makers

European Parliament consultation on “Protecting online privacy by enhancing IT security and strengthening EU IT capabilities”

INRIA contributed with a position paper on the risk-based approach to privacy².

French National Assembly commission of the on the rights and freedoms in the digital society

Daniel Le Métayer (INRIA) has been a member of the Commission (2014-2015)

² <http://www.stoa.europarl.europa.eu/stoa/cms/home/events/workshops/privacy>

4 Involvement of stakeholders

Advisory Board Meetings

The advisory board meetings summary are available in PARIS website³

- Third Advisory Board Event, Brussels, 21/01/2015: Full Advisory Board Meeting
Advisory Board members:
 - **Atta Badii**, University of Reading, United Kingdom
 - **Clara Galan Manso**, ENISA, Greece
 - **Gloria Gonzalez-Fuster**, Law, Science, Technology and Society (LSTS) Research Group of the Vrije Universiteit Brussel (VUB), Brussels, Belgium
 - **Jay Stanley**, American Civil Liberties Union, USA
 - **Carmela Troncoso**, Gradiant, Spain
 - **David Wright**, Trilateral Research & Consulting, United Kingdom
- Fourth Advisory Board Event, Leuven, 04/06/2015:
Advisory Board member:
 - **Jan Schallaböck**, Vice-Convenor of ISO/IEC JTC1/SC27/WG5, Germany
- Fifth Advisory Board Event, Brussels, 27/12/2016:
Advisory Board member:
 - **David Wright**, Trilateral Research & Consulting, United Kingdom

Engagement in the area of Biometrics

PARIS work associated with the Biometrics use cases led to the following

- Extensive study of CNIL deliberations in 2015, leading to
 - a paper⁴
 - an example of SALT framework for biometrics systems (see youtube presentation⁵)
- Presentation of PARIS contribution on biometric systems in EAB research project conference (EAB-RPC) 2015 le 7 Septembre 2016 in Darmstadt⁶. Participants were Antonio Kung, Estibaliz Arzoz, Claire Gayrel, Paco Gomez.
- Presentation of PARIS contribution on biometric systems to Morpho, September 18th, 2015. Participants were Vincent Bouatou, Hervé Chabanne and Carole Pellegrino (remote participation) from Morpho, Antonio Kung, Christophe Jouvray from Trialog and Claire Gayrel from Namur

³ <http://www.paris-project.org/index.php/advisory-board>

⁴ "The Principle of Proportionality Applied to Biometrics in France, 10 Years of CNIL's Deliberations", in *Computer Law & Security Review*, February 2016

⁵ <https://www.youtube.com/watch?v=hmuWCw-afBU>

⁶ <http://www.eab.org/events/program/79?ts=1456140844516>

- Presentation of PARIS contribution on biometric systems to CNIL, November 5th, 2015. Participants were Matthieu Grall and Clémence Scottez (CNIL), Antonio Kung, Christophe Jouvray from Trialog and Claire Gayrel from Namur
- Organisation of CPDP panel with the intervention of Clair Gayrel to present PIAs for Biometric systems, January 27th, 2016
- Conference call with the European Association of Biometrics, 19 February 2016 to present the work of PARIS on PIA and possible user interface based on CNIL PIA methodology. Participants from the EAB: Els Kindt and Max Snijder
- Proposal for a new terms of reference for the EAB working group on PIA (in red below contribution proposed by PARIS project).

Proposed ToR to EAB

A temporary working group to assess the needs and requirements for a PIA on biometric applications

Mission

The mission of the PIA-WG is to make an inventory on the existing work done at various levels and by various organizations regarding the development of PIA frameworks which are suitable to assess biometric applications and systems on their impact on privacy. In order to assess the relevance of existing work and best practices the WG will also get into the question, whether (and if yes: in what respect) biometric applications and systems do require special assessment methods and validation.

Terms of reference

1. Making an inventory on references and best practices
 - assessing the impact of the proposals for a revised EU Data Protection Regulation on the handling/management/protection of biometric data
 - searching for existing work done in the field of PIAs, both at international and national level, including PIA frameworks from other domains (e.g. PIA framework on RFID)
2. Discussing the relevance of existing work and references to a PIA for biometric applications and systems
3. Create a series of PIA guidelines for biometric systems
 - Consistent with each country DPA's PIA guidelines (e.g. CNIL guidelines in France, ICO guidelines in the UK)
 - Based on a common understanding for legitimacy and purpose using the PARIS project contribution⁷
 - Integrating the needed requirements for privacy-by-design in the life-cycle of a

⁷ The PARIS FP7 project (www.paris-project.org) has produced a questionnaire on legitimacy and purpose of biometric systems based on CNIL's deliberations developed in the PARIS project (References : Claire Gayrel. "The principle of proportionality applied to biometrics in France, review of 10 years of CNIL's deliberations". Computer Law & Security Review, February 2016, PARIS deliverable D2.4 Guidelines for SALT Conceptual Frameworks v2. December 2015)

biometric system

Membership and governance

- All EAB members may apply for membership
- WG members are expected to actively contribute to the WG's work
- Observers can be invited, upon approval of all members of the WG and the Management Board of the EAB.
- Observers may be excluded from the exchange of information generated by the WG
- The PIA-WG intends to finalize its mission within 12 months after the formal approval of its charter by the Management Board.

Other

- Membership of program committee (Daniel Le Métayer) at PASCs 2014, 1st Track on privacy and accountability for software and cloud services, Conference Track of the 23rd IEEE WETICE Conference
- The BIOPRIV project, a collaboration between Inria, Morpho and Trusted Labs, focuses on the application of Privacy by Design to biometric access control: <http://planete.inrialpes.fr/biopriv/>
- UMA - Dissemination activity in Technological Park of Andalucía (PTA)
UMA plans a dissemination session by the last period (within the last six months) of the project. They have already contacted some companies and one of them has agreed to use its installations for the event. The goal is to introduce the PARIS project and the SALT methodology to potential industrial users.
- Presentation to the Spanish company Terrain Technologies, Gijón, Spain, 23 May 2014
VT presented the products of the company, and study of video analysis solutions that can be implemented in ports taking care of users privacy and collected privacy concerns from stakeholders.
- Presentation to a selected group of customers in retail banking (Bankia, BBVA, Banco Santander and Barclays, among others), Madrid, Spain, 18 June, 2014
VT presented video analytics solutions developed applying the Privacy-by-design paradigm, including information of state-of-the-art privacy enhancing technologies and collected privacy concerns from stakeholders
- Discussion with the Polytechnic University of Valencia (UPV), Valencia, Spain, July 2014
VT discussed the use of different artificial vision algorithms and procedures for re-identification, and their impact on users privacy and analysed technologies in terms of privacy

- Discussion with the Spanish company LR Informática, Malaga, Spain, 25 September 2014
VT discussed with the company about their privacy requirements in different scenarios, in particular related to video surveillance in harbours, and in Point-Of-Sales units in retail trying to protect the privacy of employees.
- Discussions with IP video camera manufacturers , Madrid, Spain, September 2014
VT discussed with IP video camera manufacturers on the privacy issues of their new units which are oriented to video indexing in Automatic Teller Machines.
- Assistance to the Business Partners Day, Madrid, Spain, 16 October 2014
VT discussed with attendees of Business Partners Day on privacy by design in video analytics applications on Axis cameras and perception of end-users on the needs for privacy in the video surveillance systems installed in bank branches and retail shops.
- Assistance to the Axis Edge Analytics Forum, Lund – Sweden, 22-23 October 2014
VT presented requirements of specific video analytics algorithms in different European countries (including Israel) in the Edge Analytics Forum organized by Axis in Lund.
- Discussions with the software company MADISA, Madrid, Spain, Feb.-March 2015
VT held several discussions with the software company MADISA to analyze the transmission of information from their POS units to our AX-POS devices, taking into account the privacy implications, and preparation of a proposal for an integrated solution, in order to analyse privacy risks in Points-of-Sale
- Event “Technology show of modern visualization and image processing” targeting Austrian industry on May 14, 2015
AIT presented a poster "Privacy-preserving infrastructure for video surveillance and archive search".
- Assistance to the Expo-ADI fair, Madrid, Spain, 2 June 2015
VT conducted several customer interviews during the fair to evaluate the concerns about privacy of potential clients in the retail sector in order to collect requirements from stakeholders in the retail sector
- AXIS Solution Conference Madrid 29 October 2015
VT participated in the Conference, organized by Axis Communications in order to bring together retail, banking, logistics, critical infrastructure and traffic stakeholders together with partners who live completely implemented solutions for each segment.

5 Liaison with standardization bodies

The liaison with standardization bodies has been proactively handled by Thales and TRIALOG, especially on the following 3 main axis:

- EC mandate for Privacy by Design Standardization,
- Standardization actions at ISO level,
- Actions performed towards the CCTV formats standardisation bodies.

These actions (still pursued at project end) are described in the D8.2 document delivered M0+36 to the EC (Plan for use and dissemination).

6 Liaison with other projects

Liaison with project DALI, Trento, Italy, 26 May 2014

Discussion with the partners of the DALI project about the bodyprints as a solution for privacy-aware people tracking and their application in shopping malls and supermarkets for business intelligence.

The Joint Final Event “DEMOSSEC: Democracy and Security” of the EU projects IRISS, RESPECT and SURVEILLE, Brussels, 29-30 October 2014

KU Leuven attended the event which featured discussion panels and communicated research results of the three projects to stakeholders: European decision-makers, law enforcement professionals, local authorities, technologies developers, the media and the general public. Helen Nissenbaum (New York University) delivered a keynote address on **Surveillance and Democracy**.

Liaison with project FP7-SEC-P5 , Oskarshamn – Sweden, November 2014

Liaison with project FP7-SEC-P5 during the recording campaign in the Nuclear Power Plant of Oskarshamn.

Liaison with project ADVISE, November 2014

The contacts taken with the ADVISE project led to the participation to the ADVISE liaison meeting held together with numerous other FP7 projects in Aoste, Italy, 24-25 november 2014. This meeting enabled to present the PARIS project intermediate results, and also to discuss the PIA (Privacy Impact Assessment) that has been build and promoted within the ADVISE project. It has been decided to reuse this ADVISE PIA within the WorkPackage 5 of the PARIS project (Use case Video-Surveillance Lifecycle management).

Liaison with project VIDEOSENSE (April 2013, May 2014, Nov 2014)

Thales had the chance to be active in the 2 projects; this led to fruitful dissemination of PARIS results to this FP7 NoE, including:

- Participation (C. Fedorczak), April 2013 to the Videosense event « Clustering Workshop: Privacy By Co-Design in Socio-ethical and Privacy Preserving Surveillance Systems Video-Analytics: Framework Architecture, Algorithms and Impact Assessment”.
- Realization of a dissemination lecture (M.Bossuet, in April 2014) about the PARIS project and the Privacy related to Video-surveillance during the VideoSense 2014 Summer School,
- Realization of a lecture to VideoSense Partners about System Engineering and Privacy (M.Bossuet, in May 2014)
- Participation to the VideoSense Winter school (held in Aoste, Italy, 24-26 November 2014).

Joined Workshop of PARIS-P5-IPATCH on “Deepening the reflection on ethics in security surveillance technology projects”, Namur, 13 March 2015

The objective of the seminar was to better define the mandate and role of ethics and humanities in surveillance and security technologies projects. The seminar was divided into 3 parts. In a first theoretical step, we have tried to identify different paradigms of the evaluation of social acceptability of surveillance technology and identify strengths and weaknesses of each of these paradigms. In a second step, a round table was organized around the question of the expectations of political and industrial actors about the ethics of surveillance technologies. Finally, the last time was devoted to the consideration of particular ethical issues raised by surveillance technologies.

PARIS Participants: Antonio Kung, Claire Gayrel, Nathalie Grandjean

Two workshops about social acceptability and ethical intervention (in French): “Acceptabilité sociale de l’innovation technologique et intervention éthique : quel apprentissage mutuel possible ?”, Namur, 19 February 2015, and Lille, 10 June 2015

(in collaboration with the Spiral Center, University of Liège et the Medical Ethics Center, Catholic University of Lille)

The starting point was the findings of cross-cutting issues in our research practices and intervention. Indeed, despite the differences between the mandate of the ethicist who intervenes in the middle of health organizations and the role of the SHS researcher involved in technology assessment, our intuition is that they encounter common issues. For example, the design of an intelligent wheelchair or the implementation of technologies allows some patients to benefit for home caring. It crosses ethical responses and evaluation of the social acceptability. Moreover, the question of the mandate of the ethicist and / or the SHS researcher in R & D projects in ICT raises issues regarding practices and disciplines, disturbing thereby the academic knowledge production.

PARIS Participants: UNamur

Liaison with project Nubomedia, Madrid, Spain, 22 June 2015

Presentation of the PARIS project to some partners of the FP7 project Nubomedia, and discussion about the main privacy concerns around the development of cloud computing applications, in order to collect privacy concerns around cloud computing technologies

EAB (European Association for Biometrics) Research Projects Conference (EAB-RPC) 2015, Darmstadt, 7 & 8 September 2015

UNamur, Trialog, VT (Estibaliz Arzoz Fernandez) participated in the joint Research Project Conference (EAB-RPC). The Conference was organized by EAB and EU-projects in the field like FIDELITY, FastPass, BEAT, Future-ID, INGRESS, PIDaaS, ABC4EU and PARIS to present research results and in order to discuss the benefit of research for the European society.

Workshop CAPPRIS, Toulouse, 13 & 14 October 2015

Participant: Claire Gayrel

Organizer: INRIA-CAPPRIS.

Cappris (Collaborative Action on the Protection of Privacy Rights in the Information Society) is an Inria Project Lab initiated in 2013. The general goal of Cappris is to foster the collaboration between research groups involved in privacy in France and the interaction between the computer science, law and social sciences communities in this area.