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Detecting and ANALysing Terrorist-related online contents and financing activities

D12.3 - First report on Dissemination Activities

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DANTE Project

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The DANTE Consortium consists of the following partners:

	Partner Name	Short name	Country
1	Engineering Ingegneria Informatica S.p.A.	ENG	Italy
2	Expert System Iberia SL	ESI	Spain
3	Ethniko Kentro Erevnas Kai Technologikis Anaptyxis	CERTH	Greece
4	Ciaotech S.r.l.	CTECH	Italy
5	RISSC - Centro Ricerche e Studi su sicurezza e criminalità	RISSC	Italy
6	PROMT Gmbh	PROMT	Germany
7	Vocapia Research	VOC	France
8	United Technology Research Centre Ireland, Limited	UTRC	Ireland
9	Agnitio SL	AGNI	Spain
10	AIT Austrian Institute of Technology GmbH	AIT	Austria
11	Trilateral Research Ltd	TRI	UK
12	Fundación Deusto	FD	Spain
13	Pragsis Technologies	PRG	Spain
14	KU Leuven	KUL	Belgium
15	Home Office	CAST	UK
16	Ministerio da Justiça - Polícia Judiciária	PJ	Portugal
17	Ministerio del Interior - Guardia Civil	GUCI	Spain
18	Ministero della Difesa - Carabinieri	ITCC	Italy

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V0.2	12/02/2018	Draft	CTECH	First draft version
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V1.0	07/03/2018	Final version	CTECH	Final version implementing peer-review partners feedback (ENG, VOC, CERTH)

Definitions, Acronyms and Abbreviations

ACRONYMS / ABBREVIATIONS	DESCRIPTION
CMS	Content Management System
DMS	Document Management System
DOA	Description of Actions
EC	European Commission
e-newsletter	Electronic newsletter
EUAB	End User Advisory Board
H2020	H2020 Framework Programme
LEA	Law Enforcement Authorities
WP	Work Package

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Executive Summary

The present document is a refinement of *D12.2 Dissemination Plan* released at month 6, where the main purposes of the dissemination activities, the targeted stakeholders of the project, the communication materials available and the main channels to be used in carrying out the dissemination activities, as well as the whole dissemination strategy are deeply illustrated.

The current deliverable is a continuously updated document describing the dissemination activities performed by the consortium in the reporting period from month 1 to month 18 and the preliminary plan drafted for the next period. *Deliverable D12.4 Final report on Dissemination Activities*, due at the end of the project, will describe the dissemination activity carried out during the second project period (from month 19 to month 30).

Section 1 recaps some preliminary information on the dissemination strategy and target users, while sections 2 and 3 summarize the actual activities performed in the reporting period from project month 1 to month 18 to disseminate its results and the plan for near term activities. These are divided in traditional dissemination activities (section 2) and link with sister projects (section 3). Section 4 finally describes the interaction with the End User Advisory Board.

1 Introduction

1.1 General objectives of the dissemination activities

The main general objectives of the dissemination activities of the DANTE project are the following:

- To raise stakeholders' awareness about the project and the achieved results;
- To maximize the effectiveness of the communications towards stakeholder groups;
- To undertake actions for broad dissemination of the project results to the relevant stakeholders;
- To establish collaborations with related projects and to set up synergies when appropriate for creating cross synergies among European initiatives;
- To promote and raise awareness of DANTE technical and scientific results towards scientific community.

In order to fulfill and achieve these general objectives, DANTE consortium has planned a set of actions aiming at:

- Defining and creating a set of dissemination means to be used in the dissemination activities to maximize the effectiveness of the spread messages and properly address stakeholders;
- Planning a set of dissemination channels to be used for carrying out the activities and reaching specific stakeholder groups;
- Defining a strategy to properly address stakeholders using the proper means with the correct message and with the proper timing.

1.2 Target groups

The main target groups addressed by the DANTE project are the following:

- **Law Enforcement Authorities (LEAs)** and governmental stakeholders mainly from the security and fight-against-terrorism sector: this target group is the main stakeholder of the project since it represents the direct and main end user of the DANTE platform once realised. Furthermore, these stakeholders are the most involved in the fight against crime and the ones who carry out investigations and prevention.
- **ICT and web-related industry:** companies directly involved in the technology fields within the scope of the DANTE project will be addressed since as they are interested in the technologies implemented by project partners and their possible end users.
- **Scientific and academic community** will be among target groups given their interest in the scientific advancement of the technologies implemented and demonstrated in the DANTE project.
- **Public at large:** general public is also considered a key stakeholder group of the DANTE project since European citizens have a great interest in the fight against terrorism and in the effectiveness of LEAs and EU effort in ensuring safety and security in EU.

1.3 Dissemination strategy

Dissemination and communication activities are essential to guarantee to achieve a strong impact of the DANTE results within stakeholder groups. According to the innovation aims and the scope of the project, the dissemination activities are carried out paying due attention to the confidentiality, the property rights issues and the security of citizens at large. For this reason, only public information is disseminated and a strong collaboration among partners is sought in order to have clear understanding and agreement about information that can be published.

In order to maximise the impact and the effectiveness of the dissemination, the activities carried out and the means and channels used have been selected among the available ones according to the specific communication and the specific stakeholder groups that have to be reached.

For this reason, the strategy of the dissemination drafted in this section is based on the typology of stakeholder that partners want to address and it is inspired on the following criteria:

- Disseminating and valorising the project results and steps, increasing the awareness of the potential targets and end users, through the participation to international events and the use of traditional and online channels for public outreach;
- Involving the target audience identified and possibly interested to the purpose of the project, mainly through workshops organised by the project with the support of the advisory board;
- Increasing the communication impact, through the consortium alignment to highlight/promote any specific initiatives/results as well as establishing collaborations with other EU projects in the same thematic area.

2 Dissemination activities

The usage of diverse communication channels has the main aim to maximize the communication impact, ensuring that the DANTE project will exploit many different kinds of events reaching many different kinds of possible stakeholders.

The communication channels that are used are both based on the Internet and on the social networks, and on traditional channels, such as conferences, industrial and security fairs, journals and traditional magazines.

2.1 Dissemination and attendance in conferences and scientific papers submissions

In order to increase the impact of the dissemination and communication campaign of DANTE during the project life cycle, the presence of the project in international conferences is ensured.

DANTE partners present the achieved public results of the projects at the most relevant international conferences related to the security sector and to the main technology areas within the scope of the DANTE project. To this end, the most relevant conferences are continuously monitored in order to have a middle term vision of the available conferences where project results can be presented.

Conferences and special sessions attended by partners during the first reporting period, including the papers submissions, are the following:

- **Next Generation Community Policing Conference 2017**, October 2017, Heraklion, Greece: partner KUL presented the paper "Speaking Truth to Computational Power: Coding Non-Discrimination by Design", Thomas Marquenie and Erik Zouave.
- **ISS World Europe**, 13-15 June 2017, Prague, Czech Republic: partner AGNI made a presentation entitled the "Voice Biometrics and Speech Technologies. A whole new offering for criminal identification and intelligence", V. Gomis.
- **ISS World Europe**, 13-15 June 2017, Prague, Czech Republic: partner VOC made a presentation entitled the "Speech processing technologies for OSINT and COMINT" in which VOC presented the speech processing research being done in the context of the DANTE project.
- **Intelligence Support Systems for Lawful Interception Electronic Surveillance and Cyber Intelligence Gathering (ISS) conference**, 13 June 2017, Prague, Czech Republic: partner TRI participated to the event.
- **EISIC 2017**, 10 September 2017, Dekelia Air Base, Attica, Greece: partner KUL submitted the paper "An Inconvenient Truth: Algorithmic Transparency & Accountability in Criminal Intelligence Profiling", Erik Zouave and Thomas Marquenie (paper presentation, paper forthcoming in IEEE).
- **Ice2017, special session "Fighting against crime using video analysis"**, 27-29 June 2017, Madeira, Portugal: accepted partner CERTH's paper "Incorporation of Semantic Segmentation Information in Deep Hashing Techniques for Image Retrieval". The paper has been published on **Zenodo** at the following link: <https://zenodo.org/record/1076432#.WpaxsOjwY-d>.
- **International Conference on Machine Learning and Data Mining, MLDM 2017**, 15 July 2017, New York, NY: accepted partner CERTH's paper "Global Flow and Temporal-shape Descriptors for Human Action Recognition from 3D Reconstruction Data". The paper has been published on **Zenodo** at the following link: <https://zenodo.org/record/1087115#.WpayEejwY-d>.
- **AVSS2017**, the 14th IEEE International Conference on Advanced Video and Signal based Surveillance. Workshop entitled "Analysis of video and audio "in the Wild" Addressing real-world data sources to support the fight against crime and terrorism" organised jointly by **ASGARD**,

DANTE, FORENSOR and SURVANT H2020 projects, 29 August – 1 September 2017, in Lecce, Italy. <http://avss2017.vcl.iti.gr/>

- **LT-Innovate:** Invite talk and LT-Innovate Defense and Security Panel participant. Speech Technologies for OSINT and COMINT. Lori Lamel, October 11, 2017 Brussels.
- **Computers, Privacy & Data Protection 2018**, January 2018, Brussels (Belgium): partner KUL submitted the paper “You’ve been Measured, You’ve been Weighed & You’ve been Found Suspicious”, Erik Zouave, Jessica Schroers.
- **International Workshops on Hybrid Statistical Semantic Understanding and Emerging Semantics, and Semantic Statistics co-located with 16th Extended Semantic Web Conference (ISWC 2017)**, 21-25 October 2017, Vienna, Austria: partner ESI participated to a research workshop targeted to computer science experts, with the paper “Towards a Vecsgrafo: Portable Semantics in Knowledge-based Text Analytics”, R. Denaux and J. M. Gomez-Pérez, and an oral presentation of the project. The paper is **open access** published on **CEUR**, available at <http://ceur-ws.org/Vol-1923/article-04.pdf>. The full workshop proceedings are at <http://ceur-ws.org/Vol-1923/>.

Planned participations to conferences and events for the forthcoming months

The plan for the next months foresees the participation of the DANTE representatives to the following conferences and events:

- **8th Biannual Surveillance & Society Conference (2018)**, Aarhus, Denmark, where TRI submitted a paper and is planning to organise a legal/ethical seminar.
- **Interspeech 2018**, 2-6 September 2018 in Hyderabad (India), where AGNI will participate and present a paper.
- **Odyssey 2018**, 26-29 June 2018 in Les Sables d’Olonne, France, where AGNI will participate and submit a paper. VOC may also participate and submit a paper.
- **ISS World Europe**, 5-7 June 2018, Prague, Czech Republic: partner VOC will be an exhibitor and will make a presentation about the speech processing research for OSINT and COMINT being done in the context of the Dante project.
- **IEEE International Conference on Image Processing (ICIP)**, 2018: partner CERTH submitted the paper "Deep 3D flow features for human action recognition", Athanasios Psaltis, Georgios Th. Papadopoulos and Petros Daras.
- **VOX-POL CONFERENCE: VIOLENT EXTREMISM, TERRORISM, AND THE INTERNET: PRESENT AND FUTURE TRENDS** will be organized by VOX POP and will take place in Amsterdam, 20 and 21 August 2018. Partner PJ will attend it.

Further conferences and events will be also identified during the second project reporting period.

2.2 Dissemination in security fairs

During the first reporting period, partner AGNI participated to **HOMESEC (Security & Defense Technologies)** fair on 8/9 May 2017, in Madrid (Spain) with an exhibition stand.

Moreover, during the reporting period, VOC participated at security fairs as the following:

- **WISG workshop**, organized by the French National Research Agency (ANR). Overview of research and development advances in the domain of global defense and security; it will be placed in the second half of September.
- **TIM workshop**, Organized by the French Government Defense. Overview of research and development advances in the domain of defense; it will be placed on the 5th of July 2017 in Paris (France).

- **Milipol 2017:** VOC was an exhibitor in Milipol 2017 held November at the Paris Parc d'Exposition and Jodie Gauvain presented a short talk in the about Vocapia's speech processing technologies in the Horizon 2020 session.

2.3 Scientific publications on journals

A non-exhaustive list of planned scientific publications over journals is the following (other publications will be identified during the next period):

- **IEEE Transaction on Circuits and Systems for Video Technology (IEEE TCSVT)**, partner CERTH will submit a journal paper entitled "Deep Multi-modal Features for 3D Human Action Recognition".
- **Novatica**, partner PRG will publish a paper on NLP terrorist incident summarization.
- **Journal of Spanish Society for Natural Language Processing**, partner PRG will publish a paper on NLP terrorist incident summarization in English.
- **Revista DYNA**, partner FD is planning to submit an article about project results.

2.4 Workshops and other events

The DANTE Project is arranged in order to involve LEAs in almost all the activities. In particular, the WP 12 already includes dissemination initiatives specifically addressed to them. In fact, 3 training seminars will be organised to transfer the results achieved and contribute to empower them in the field of terrorism.

Two of the above mentioned workshops have been organised during the first reporting period.

The first workshop was organised on 9 June 2017 in Turin (Italy), involving 25 participants between LEAs, INTERPOL and forensic experts, including representatives of the project partners.

The workshop was organised after a 10-months period of criminological research activities dealing with the three-main use-cases of interest for the DANTE Project, namely: online terrorist financing, training, propaganda and recruitment. Accordingly, the aim was to:

- Share and collect further details and comments about the case-studies analysed;
- Validate the results achieved and the hypothesis formulated;
- Verify the availability of recent data related to expulsions due to terrorism;
- Collect feedback and inputs.

The workshop started with the presentation of the DANTE Project, the researchers then introduced the main results achieved through the case-studies analysis and the criminological analysis, and finally a round table involving all the participants was held.

An interesting result of the workshop was represented by the positive feedback collected from the LEAs, since there is a lack of operational knowledge and they need this kind of contribution.

The second workshop was organised on 20 December 2017 in Palermo (Italy), involving 13 participants between researchers involved in the criminological analysis, representatives of the end-users involved in the project, and of some of the technical partners contributing also to the analysis of terrorism trends. Furthermore, an independent expert was invited so to collect inputs and feedbacks about the approach, the methodology and the activities to be planned.

The workshop focused on the most relevant issues to be addressed to support the organisation of training activities in the field of counter-terrorism addressed to LEAs and key relevant stakeholders.

Basing on the results of a survey implemented by the project to assess their specific interests, needs and requirements, the workshop organised a round-table that allowed the partners and the expert to

brainstorm about the existing trainings offered by public and private organisations, the specific needs of the LEAs to be addressed by the Project, and the ad-hoc training programs addressing the three main areas of interest for the DANTE project, namely: terrorist online financing, propaganda and training.

From this standpoint, a key role should be played by the platform and tools that the DANTE project is developing.

Specifically, the workshop aimed:

- to present the DANTE project and the first prototype of the platform;
- to present the counter-terrorism courses/trainings currently available;
- to share the results of the survey and the interviews with the LEAs;
- to introduce a preliminary training proposal to be implemented by the DANTE project;
- to collect feedbacks and inputs from the experts to finalise the DANTE guidelines.

The results were of particular interest because the workshop contributed to:

- Further assess the possible potential relevant role of the DANTE platform also in the light of users empowerment and training;
- Discuss the specific expectations and needs of the LEAs, also in the light of the existing training options already available at EU level;
- Define the organizational model to deliver the trainings;
- Collect specific inputs on how to organize advanced curricula for LEAs as well as practitioners, prosecutors, judges and also public authorities involved in the prevention and fight against terrorism.

A part from these events, some of the DANTE partners organised or participated to some further workshops as follow:

- Partner TRI organised Knowledge Sharing Workshop on Privacy Impact Assessment, 25 July 2017, London, UK, where presented lessons from the DANTE project.
- Partner PJ organized an internal dissemination workshop to stakeholders and other national, European and international LEA, such as INTERPOL, Europol and other Police forces, work groups in the security, defense and justice area.

In addition, on the 5th of December 2017, DANTE, as member of the Community of Users, participated in the **Workshop on Radicalisation organised by the Radicalisation Awareness Network (RAN)** of the EU Commission. The event took place at the BAO Congress Centre in Bruxelles. DANTE was invited for sharing the experience gained during the first stage of the project in the context of counter radicalisation. Among other aspects, the round table also dealt with initiatives of mutual collaboration for datasets preparation and for the finalisation of the analysis.



Figure 1: DANTE at the Workshop on Radicalisation organised by the Radicalisation Awareness Network

On the 6th of December 2017, DANTE took part of the “**Cybercrime Workshop**”. Methodological and Technological approach adopted for the three selected use cases (Fund Raising, Propaganda e Training) were presented. Details about the event are reported at the link <https://www.securityresearch-cou.eu/>.

As follow up of the radicalisation workshop DANTE was also invited to contribute with a concrete workplan to the **High-Level Commission Expert Group on Radicalisation (HLCEG-R)**. The potential contributions have been prepared by the consortium and provided on January 2018.

In addition, in the next reporting period, an additional workshop is foreseen organized by the project. Moreover, partner AGNI is planning to produce training material and organise training sessions for LEA and potential users. Partner PJ is also planning dissemination activities to stakeholders and other national, European and international LEA, such as INTERPOL, Europol and other Police forces, work groups in the security, defense and justice area.

2.5 Public outreach

A set of activities have been carried out by project partners with the aim of addressing general public and generating and increasing awareness towards a wide audience. Such activities have been carried out by using online tools and communication means such as websites, social channels, online eBooks, electronic newsletters and blogs.

In the following of the section, the activities carried out for addressing general public during the first reporting period are reported.

2.5.1 DANTE website

The public DANTE website <http://www.h2020-dante.eu/> is the main communication channel developed and used by the DANTE consortium.

The website is kept updated along the project life, in order to provide visitors with information related to DANTE activities, DANTE public results, relevant news in the fight against terrorism sector and related new technologies and relevant news and events organised by sister projects.

News are regularly published in the website with the aim of generating constant new content to attract new visitors and provide information useful for the interested ones. On the other side, DANTE project partners provide public information relatively to the results achieved, documents and reports with the objective of creating awareness within the general public and specific stakeholders groups, such as scientific and industrial communities and LEAs, but also for creating references useful for cross-synergies establishment with other relevant initiatives.

However, since the scope of the project is a hot topic in the European Union for the citizen’s security, the DANTE consortium pays strong attention in evaluating the publication of information in order to avoid the risk of publishing information potentially reducing the effectiveness of the fight against terrorism.

2.5.2 Statistics on the project website

Since its publication (at M1), a total of 2304 visitors accessed the DANTE website until M18, and 9486 pages have been viewed in these visits. The average monthly number of active users is 226. Users are from different countries not only from Europe, with a huge number of visitors from the United States.

Next figures report general statistics from the beginning of the project to the present stage.

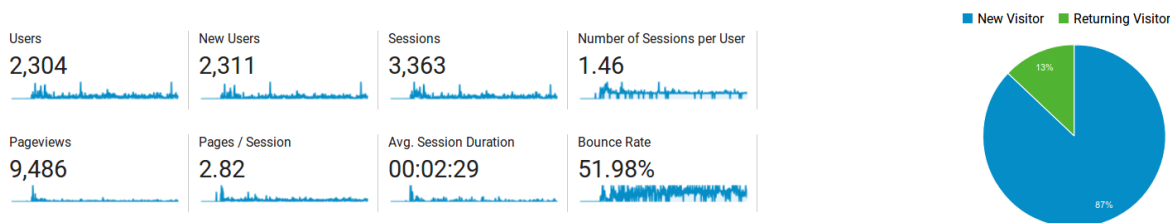


Figure 2: DANTE website statistics on users and page views

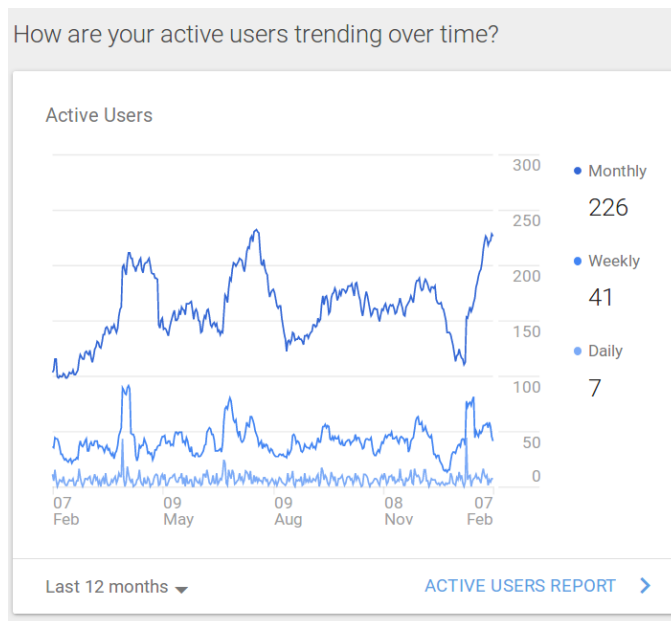


Figure 3: DANTE website average active users

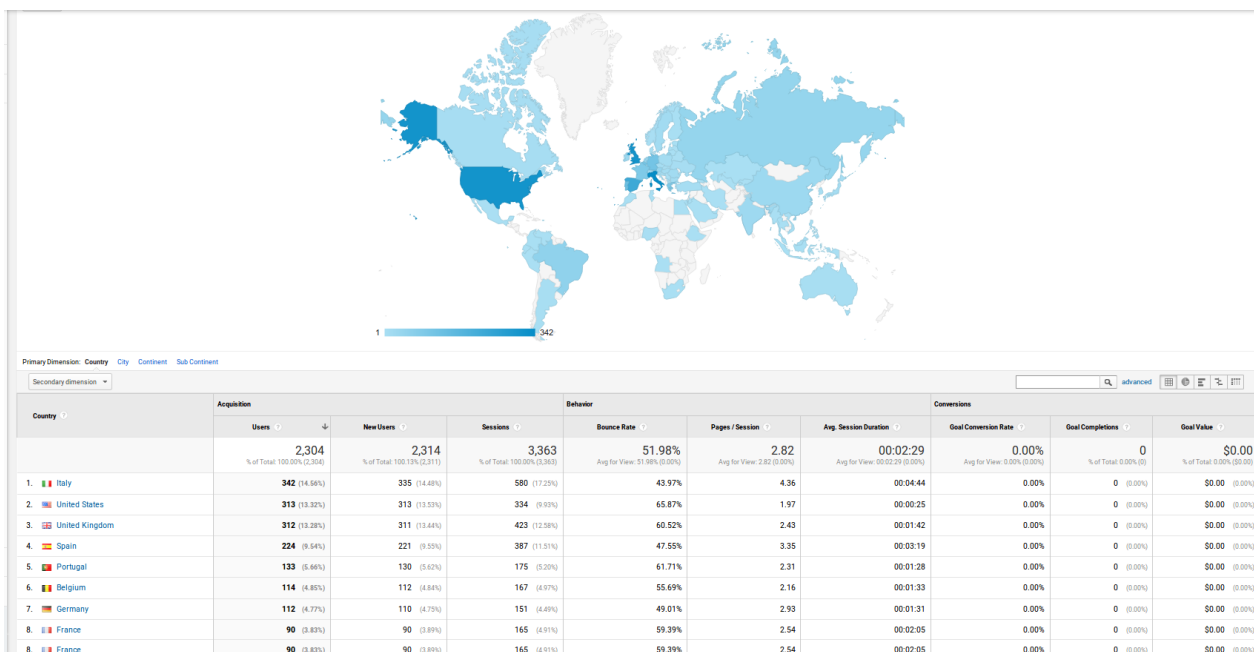


Figure 4: DANTE website users geographical distribution

2.5.3 DANTE newsletter

In order to maintain a high interest of stakeholders towards DANTE activities and results, the realization and publication of periodic electronic newsletters (e-newsletter) have been foreseen throughout the project. The e-newsletters have the main aim to periodically share with interested stakeholders relevant information related to the achieved results, to the planned events and in general to the DANTE project’s achievements.

At the present stage two issues of the DANTE newsletters have been prepared and published, as planned.

The first issue of the DANTE Newsletter was published with the aim of creating awareness around DANTE project and its objectives, describing the project use cases.

The Project



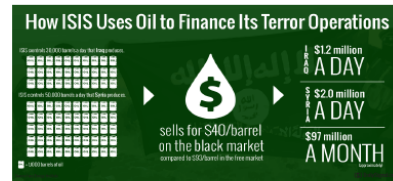
The DANTE project aims to deliver more effective, efficient, automated data mining and analytics solutions and an integrated system to detect, retrieve, collect and analyse huge amount of heterogeneous and complex multimedia and multi-language terrorist-related contents, from both the Surface and the Deep Web, including Dark nets.

The DANTE framework introduces innovative knowledge mining, information fusion, and automated reasoning techniques and services and provide automated functionalities such as

- detection and monitoring of sources of relevant terrorist-related data in surface/deep Web, and dark nets;
- accurate and fast detection, analysis, categorization of suspect terrorist related multi-language contents;
- large-scale temporal analysis of terrorism trends;
- real-time summarization of multilingual and multimedia terrorist-related contents;
- detection of dis-information in online contents;
- detection and monitoring of relevant individuals and linking pseudonyms with the original authors;
- accurate and fast identification of terrorist online communities and groups;
- capturing, storing and preserving relevant data for further forensic analysis.

In this newsletter we will focus on the explanation of the first use cases of the DANTE project.

Use Case 1 - Financing Terrorism



Fund-raising terrorist activities are nowadays established in online sites that are publicly available to others in order to pick as many funds as possible. Interestingly, once Social Media have been rapidly grown up and gain so much popularity, they are in turn used for touting fundraising campaigns so as to elicit the money of persons that are potentially "mesmerized" by its ideological scope. Once some persons find interesting the content and purpose of the campaign, they will probably donate some of their money to the terrorist organization. Notably, terrorist organizations provide often fraudulent reasons for their campaigns so as to tempt more persons to donate an amount of money. Another practice they use is that they create contrived charitable organizations to allure more persons that are actually unaware of the real destination of their donation. DANTE will be used in this use case in order to identify fundraising activities that are incited by terrorist organizations with a number of ways for sustaining their operations. In particular, functionalities related to pertinent source detection and indexing in the Surface and Deep Web, as well as in Dark Nets, can be proved consequential towards the efforts of hindering fund-raising activities for illegal usage.

Use Case 2 - Propaganda



In every terrorist organization, admittedly the most consequential factor for its sustainability is manpower. Having this in mind, terrorist organizations often distribute propagandistic content on the Web for alluring potential individuals that are prone to be radicalized. The propagandistic content mainly comprises information around religious and political issues that terrorists have them as guidelines to justify their illegal activities. The scenarios in UC2 describe a broad range of propaganda incidents that reflect the issues and difficulties about propaganda detection which is the intended outcome. They involve radicalization attempts of individuals through Social Media, the significance of the temporal aspect when online content is distributed over the contemporary structure of Web, detection of early radicalized individuals, and in general the content and practices that terrorists utilize to attract as many persons as possible. DANTE's key role is to detect online propagandistic content and early radicalized individuals in minimum time, so as to anticipate further development of the organization. The envisaged tools that are to be developed with respect to UC-2 will assist officers to their everyday operations, as they will provide an automated and quick way for reliable detection of propagandistic content on the Web, as well as the relevant terrorists that incite such activities.

Use Case 3 - Training and knowledge sharing

The increasing availability of on-line sources made the finding of digital training material very easy. More and more terrorist organizations create online sites in the surface and, above all, in the deep and dark web where people can access and download training material. Thus, it is easier for interested people, especially the so-called lone wolves, to become in contact with material it was very difficult to find some years ago. Going in far and dangerous training camps is not mandatory anymore and all needed information can be reached from home. It is a challenging issue for LEAs, active in searching potential terrorists online and forced to monitor, sometimes manually, hundreds of digital accounts and to follow their online activities. The DANTE platform will provide a strong support to LEAs in their struggle against terrorist online training sites. DANTE will assist them in automatically locating old and new sites, monitoring the contents update and discovering terrorist group or single accessing forbidden material. It will allow LEA to concentrate on suspicious accounts and to save precious time for advanced investigations. The main work in the project will be related to the cases of lone wolves, completely trained online, and in their online activities to create a useful pattern for detecting future terrorist activities.



Figure 5: DANTE Newsletter nr. 1

The second issue of the DANTE Newsletter was published with the aim of disseminating the national and international workshops where the project participated in, with the aim of creating synergies with further initiatives and to attract new stakeholders.



Figure 6: DANTE Newsletter nr. 2

The newsletters were disseminated not only directly and through the project website and the project Twitter account, but also through external online channels (LinkedIn, private and institutional, Twitter accounts), as shown in the next figures, reaching approximately 1500 users.



Figure 7: Dissemination of the first DANTE newsletter through the project Twitter account

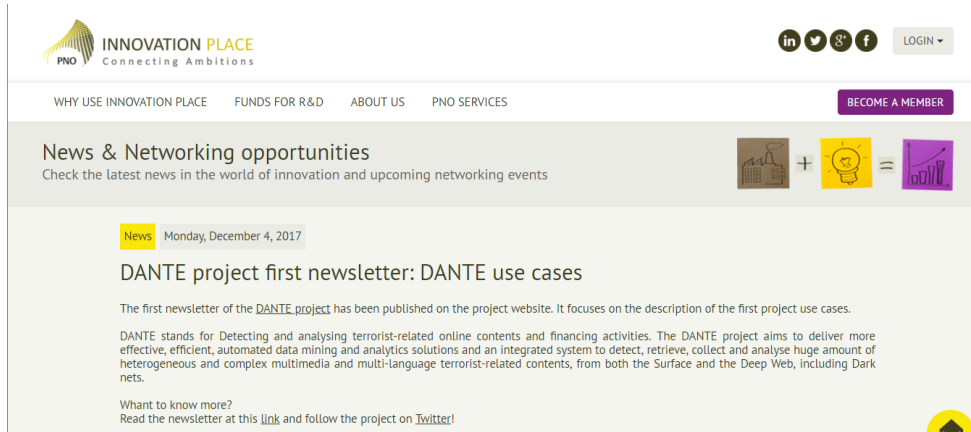


Figure 8: Dissemination of the first DANTE newsletter through institutional website (PNO group)

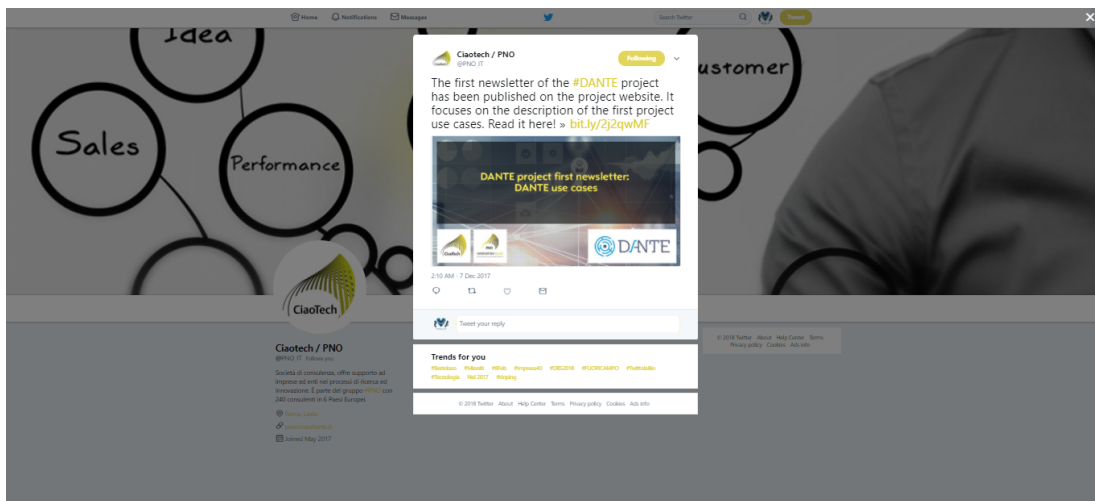


Figure 9: Dissemination of the first DANTE newsletter through partners institutional website

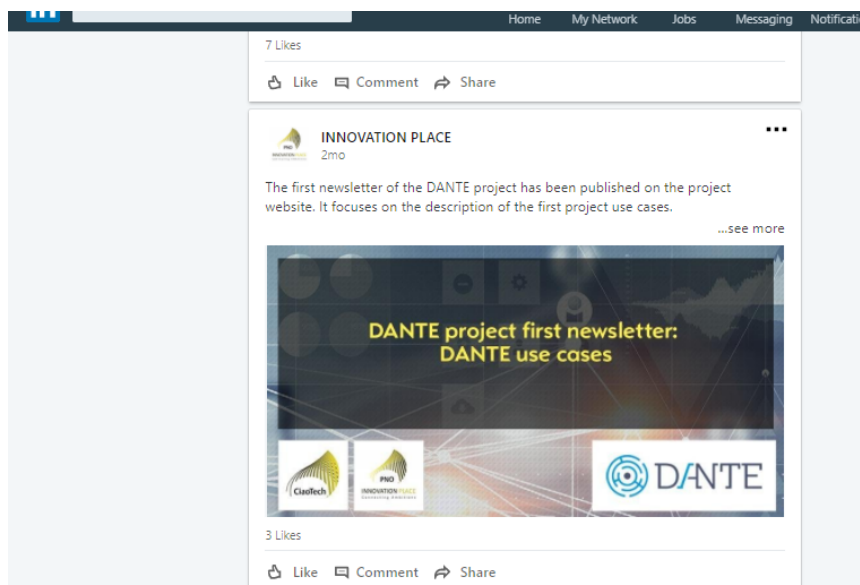


Figure 10: Dissemination of the first DANTE newsletter through LinkedIn

2.5.4 Online e-Books

DANTE is included (together with the sister project ASGARD) in the two research and innovation projects related to Fight against Crime and Terrorism on the recently published booklet from DG HOME. The booklet is available at the following link:

https://ec.europa.eu/programmes/horizon2020/sites/horizon2020/files/su_booklet.pdf.

COUNTERING CRIME AND TERRORISM



ASGARD

ASGARD concentrates on helping police and other law-enforcement authorities (LEAs) co-create, maintain and develop a set of top-class tools that are easy to configure and use for analysing, extracting and exchanging 'big data', with forensics and foresight actions as a key focus. Frequent 'hackathons' and close contact between the 33 partners from 14 countries are driving this active and sustainable community of practitioners. After each hackathon, LEAs can deploy and evaluate the tools on-site and feed this field data back into the project for the whole ASGARD benefit of the community.

WEB: www.asgard-project.eu

COORDINATOR: Fundacion centro de tecnologias de interaccion visual y comunicaciones vicomtech, Spain

TOTAL COST: EUR 12 000 000

EC CONTRIBUTION: EUR 12 000 000

START/END: September 2016 to February 2020

OTHER COUNTRIES: Austria, Belgium, Cyprus, Germany, Finland, France, Greece, Ireland, Italy, Portugal, Netherlands, United Kingdom



DANTE

DANTE uses automated data mining and analytics in an integrated system to detect, retrieve and process huge amounts of heterogeneous and complex (multimedia and multi-language) terrorist-related content from the internet, including so-called deep and dark nets built to hide identities and activities. Focusing on online fundraising activities, but also considering propaganda, training, disinformation, violent radicalisation and cybercrime, the project strives to help law enforcement 'connect the dots', joining potential terrorist-related activities, people, content and places across Europe and beyond.

WEB: www.h2020-dante.eu

COORDINATOR: Ingegneria informatica SPA, Italy

TOTAL COST: EUR 6 200 000

EC CONTRIBUTION: EUR 5 000 000

START/END: September 2016 to February 2019

OTHER COUNTRIES: Austria, Belgium, Germany, Spain, France, Greece, Ireland, Portugal, United Kingdom

Figure 11: Booklet from DG HOME

2.5.5 Social channels

In order to reach a wide audience and targeting not only specialised audience but also public at large, social channels are used for disseminating and spreading relevant information as much as possible.

The DANTE project has no intention of creating a specific community of stakeholders, since it is not in the scope of the project. For this reason, although a specific Twitter account has been created for the project,

the strategy adopted for the usage of social channels mainly consists in using the institutional social channels of the single partners, since considered more efficient.

For this reason, all partners are actively involved in using their existing means for spreading not only official DANTE communications but also information related to their specific activities within the project, allowing reaching the maximum coverage of the topics related to DANTE and wider audience.

Indeed, during the first reporting period, the project has been mentioned in Twitter, institutional channels, LinkedIn of partners PJ, PRG, KUL, ENG and CTECH.



Figure 12: DANTE tweeted by partner ENG

Moreover, the following blogposts have been realized:

- CiTiP Blog, Erik Zouave & Thomas Marquenie “Countering Algorithmic Discrimination in Criminal Profiling”, on 16 July 2017, <https://www.law.kuleuven.be/citip/blog/countering-algorithmic-discrimination-in-criminal-profiling>, by partner KUL.
- CiTiP Blog, Erik Zouave “Researcher Compliance with Export Controls – Blunting the Sword & Honing the Bludgeon”, on 19 July 2017, available at <https://www.law.kuleuven.be/citip/blog/researcher-compliance-with-export-controls-blunting-the-sword-honing-the-bludgeon/>, by partner KUL.
- CiTiP Blog, Erik Zouave and Plixavra Vogiatzoglou "Dual Use Technology Controls for Security Researchers Of Double-Edged Swords & Blunt Bludgeons", on 19 July 2017, available at <https://www.law.kuleuven.be/citip/blog/dual-use-technology-controls-for-security-researchers-of-double-edged-swords-blunt-bludgeons/>, by partner KUL.
- “Ensuring ethical research in a multi-partner project”, on 11 October 2017, by partner TRI, that is also planning for the next period to public in their institutional blogs the following blogpost: “Ensuring an ethical approach to detecting terrorist-related online content and financing activities”.

3 Linking/Interactions with other projects

The main purpose of establishing relationships with other initiatives is to create synergies among DANTE and other projects, called *sister projects*, that are in the same sector of DANTE (i.e. security), in order to increase the impact of DANTE and at the same time improve the effectiveness of the carried out activities and support projects cross-fertilisation, by sharing lessons learnt and solutions adopted against similar faced challenges.

In order to properly achieve such objectives and identify and contact relevant projects, a methodology has been defined from the beginning of the project to draw a path to be followed in searching and contacting projects and to create useful means to be used in this activity. In particular the methodology adopted is constituted by the three following steps:

- Identifying relevant projects in the security and forensics sectors to be contacted;
- Proposing a collaboration to the identified projects;
- Following up the collaboration proposal and establishing synergies.

During the first reporting period, collaborations with the following projects have been established:

- Partner RISSC participated to the **RAMSES** project-end users workshop and consortium meeting, referencing the DANTE Project in order to verify possible synergies between the projects, 21 February 2017, Milan (Italy).
- Partner RISSC participated to the **NARCOMAP** kick-off meeting, referencing the DANTE Project in order to verify possible synergies between the projects - issue: relationship between NPS trafficking and use of NPS during terrorist attacks, 9 March 2017, Bergamo (Italy).
- Partner RISSC participated to the **eMORE** project national seminar, referencing the DANTE Project (link to the Project website) while talking about the possible relationships between migration and terrorism, 28 March 2017, Rome (Italy).
- Partner RISSC participated to the **NARCOMAP** project workshop of experts, at a discussion about the relationship between NPS (online) trafficking and use of NPS during terrorist attacks, 7 June 2017, Turin (Italy).
- Partner CERTH organized jointly with **ASGARD**, **FORENSOR** and **SURVANT**, on the 29 August – 1 September 2017, in Lecce, Italy, the workshop entitled “Analysis of video and audio “in the Wild” Addressing real-world data sources to support the fight against crime and terrorism”.
- Partner ENG participated to the workshop organised by **LASIE** in Turin (Italy), on 28 September 2017.
- Links on the respective project websites have been established with projects **LASIE**, **RAMSES**, **SURVANT** and **PROTON**.
- Collaboration with project **SENSOR**, managed by the project coordinator ENG along with partner CERTH, has been started during the current reporting period and will continue during the next one. Until now, a roadmap for project collaboration has been defined, representatives of both projects have attended consortium meetings of the sister projects and an on-going discussion/collaboration is carried out for defining and exchanging modules/know-how between the two projects.

A dedicated page in the project website lists all sister projects exchanging their web site link with DANTE.

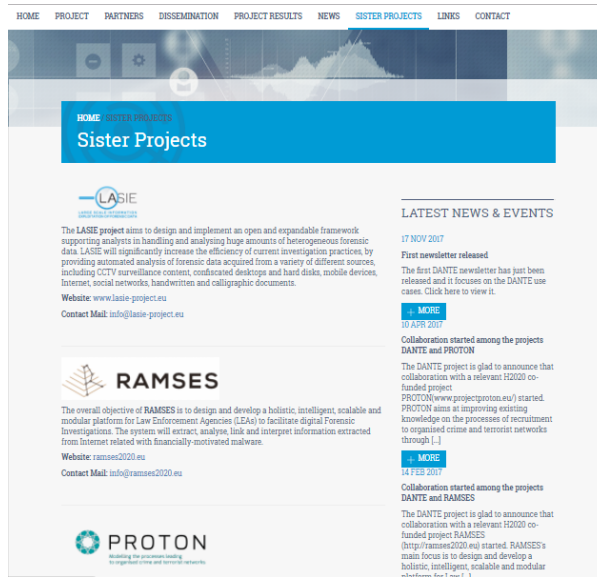


Figure 13: DANTE sister projects page

4 The End User Advisory Board

4.1 The End User Advisory Board functions and objectives

The function of the End User Advisory Board (EUAB) is to ensure an expert, external and impartial point of view so as to support the DANTE consortium in providing on the one hand suggestions for effective development and implementation of the project, and on the other hand feedback on the features and framework set up, by testing and evaluating their effectiveness.

The EUAB consists of a number of external experts, particularly interested in DANTE topics and expected results, having expertise in the areas of interest of the DANTE project. EUAB will sustain the DANTE consortium by means of open discussions when coming across crucial project management decisions with respect to definition of operational requirement and specifications, scenario prioritization, testing and validation of the framework.

The EUAB will be maintained throughout the whole duration of the DANTE project in order to ensure an adequate support during all the phases of the project. The feedback gathered by the EUAB is carefully taken into account and used for eventually refining the activities performed.

The DANTE End User Advisory Board **main objectives** are the following:

- to bring to the project expertise related to the fight against terrorism, to investigations;
- to provide an impartial and expert vision about the project activities, in order to ensure the project compliance with legal, ethical and privacy rules; to support project activities and discussions both on legal and ethical aspects of the use of digital evidences (images, videos, texts and audio), taking into account European policies;
- to provide concrete contributions and suggestions in order to identify users' needs;
- to ensure that the project will properly and correctly address them and to finally evaluate the project results;
- to actively contribute to achieve a wide diffusion of the project results towards policy makers, General Public and law enforcement authorities, by supporting the DANTE consortium in the dissemination activities among their network.

4.2 The members of the End User Advisory Board

Since the proposal definition stage, the consortium identified the necessary expertise required to EUAB members in order to support the project activities and cover the various relevant areas of the project. To this end, relevant people belonging to police forces and counter terrorism agencies, forensic institutions and criminology associations and having the required expertise were identified and contacted, in order to evaluate their interest in being part of the DANTE EUAB.

Once the project started, the candidates, all coming from high prestigious institutions, public security organisations and associations, confirmed their interest and were formally included in the EUAB during the advisory board set up phase.

The consortium paid special attention to involving candidates coming from different European countries, with a purpose of maximizing the diverse sensibilities about security, counter terrorism, forensic, privacy and ethical issues, ensuring a wider expertise owned by the Advisory Board as a whole in these areas.

This ensured that all the EUAB members have adequate expertise in order to enable:

- Clear understanding of the constraints currently being handled in terrorist activities investigations;

- Clear understanding of the end users' needs in carrying out in such investigations;

In the next table, the list of the members of the DANTE EUAB is reported.

#	Name	Organisation	Expertise	Country
1	Prof. Silvia Ciotti	Eurocrime	Ethics, privacy, criminology	IT
2	Dr. Dimitrios Gkritzapis	Officer in European & Development Programmes Division (E.D.P.D.)	End user	EL
3	Rantos Kostantinos	University of Trace	Security	EL
4	Andreas Wolkenstein	Universitat Tubingen	Ethics, privacy	DE
5	Gabriele Juodkaite-Granskiene	Forensic Science Centre of Lithuania	Forensics	LT
6	Ruth Morgan	UCL Institute of Forensic Science	Forensics	UK
7	Jonathan Betts	I-Case Associates	Security (former end user)	UK
8	Karel Pelan	Interpol - assistante director Counter Terrorism	End user	INT (FR)
9	Bryan Zinn	Interpol	End user	INT (FR)
10	Mr Scott Wilson	Detective Chief Superintendent at National Counter Terrorism UK	Counter terrorism expert	UK
11	Jean-Francois ONA	Métropol Nice Cote d'Azur	End-user	FR

Table 1: End User Advisory Board members

4.3 The letter of confidentiality

All the EUAB members have been requested to sign a Letter of Confidentiality, in order to establish a framework of cooperation between the EUAB members and the DANTE consortium and to clearly define the requirements in terms of privacy and confidentiality and non-disclosure.

The Letter of Confidentiality has been signed by all the EUAB members. In Annex the template of this document is reported.

5 Conclusions

This report provides an overview of the dissemination activities carried out by the project consortium during the first reporting period, together with a tentative plan of the DANTE consortium's dissemination activities in the next forthcoming months.

To summarise, the dissemination material, including graphic identity of the project, brochures and posters for the project dissemination at events and with target groups have been prepared, published and distributed in the website for being used in their dissemination activities.

The public website has been developed and published at the address <http://www.h2020-dante.eu> within month 3 (as planned in the DOA). The website contains updated information about the project scope, aims and benefits, the project documentation, the DANTE e-Newsletter, the link to the project sisters and information about project progress and other news of interest related to the security topic.

Two newsletters have been published and disseminated through project and partners channels.

Totally four workshops have been organized directly by project partners with the involvement of project internal and external stakeholders.

Conventional channels have been used to disseminate and communicate project results, such as papers (of which 3 open access papers), presentations, speeches and workshops at 12 international events (conferences, international workshops, fairs) and on the official booklet of DG HOME. The consortium is planning new submissions of papers both in international events and journals.

Social channels have been also used such as institutional partners' websites, social channels, electronic newsletters and online blogs to disseminate project news, events, results and newsletters.

A synergy strategy with other EU projects in the same thematic area of DANTE has been put in place with a collaboration with 10 projects (**RAMSES, NARCOMAP, eMORE, MEDIA4SEC, ASGARD, FORENSOR, SURVANT, LASIE, PROTON, TENSOR**).

The collaboration with the EUAB has been established involving 11 experts on ethics, privacy, criminology, forensics, security) supporting the consortium in project activities.

6 ANNEX I – Letter of Confidentiality

Letter of Confidentiality

I, undersigned,

e-mail:

agree to the following:

1. I have been informed that DANTE (*Detecting and analysing terrorist-related online contents and financing activities*) is an Innovation Action Project running from 01 September 2016 till 28 February 2019 under the European Union’s H2020 Programme, under the Grant Agreement No. 700367. The research Consortium comprises 18 partners listed in the said Grant Agreement, of which the co-ordinator is Engineering Ingegneria Informatica S.p.A. in Rome, Italy, represented by Mr Vito Morreale, e-mail: vito.morreale@eng.it, who might be contacted with regard to any questions regarding the Project.
2. I have been informed about the purposes of the Project and have had all my questions answered to my satisfaction.
3. **Any information that I receive during the project duration, I will treat as confidential and I will not disclose it to anybody without a prior written consent of the Consortium. Such information remains confidential for the period of four years after the conclusion of the Project (i.e. 28 February 2023).**
4. **I will not collect, process, exchange or further use any information related to persons or specific cases that may be released during the project duration.**
5. I understand that the relevant European and national laws shall apply and that in the case of failure to comply, the DANTE Consortium reserves the right to use all appropriate legal means.

Done in two copies in English, of which one is for the DANTE consortium and second for the undersigned.

Done in Milan, on 15/12/2016.

Signature

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