



This project has received funding from the European Union’s Horizon 2020 research and innovation programme under grant agreement n° 787061



Advanced Tools for fighting Online illegal trafficking

D11.3 – Report on Dissemination Activities 1st release

WP number and title	WP11 – Dissemination, Training and Exploitation
Lead Beneficiary	EXPSYS
Contributor(s)	All partners
Deliverable type	Report
Planned delivery date	31/10/2019
Last Update	30/10/2019
Dissemination level	PU





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The ANITA Consortium consists of the following partners:

Participant No	Participant organisation name	Short Name	Type	Country
1	Engineering Ingegneria Informatica	ENG	IND	IT
2	Centre for Research and Technology Hellas CERTH - ETHNIKO KENTRO EREVNAS KAI TECHNOLOGIKIS ANAPTYXIS	CERTH	RTO	GR
3	Centro Ricerche e Studi su Sicurezza e Criminalità	RISSC	RTO	IT
4	Expert System S.p.A.	EXPSYS	SME	IT
5	AIT Austrian Institute of Technology GMBH	AIT	RTO	AT
6	Fundacio Institut de BioEnginyeria de Catalunya	IBEC	RTO	ES
7	Istituto Italiano per la Privacy	IIP	NPO	IT
8	SYSTRAN SA	SYSTRAN	SME	FR
9	Stichting Katholieke Universiteit Brabant	TIU-JADS	RTO	NL
10	Dutch Institute for Technology, Safety & Security	DITSS	NPO	NL
11	VIAS Institute	VIAS	RTO	BE
Law Enforcement Agencies (LEAs)				
12	Provincial Police Headquarters in Gdansk	KWPG	USER	PL
13	Academy of Criminalistic and Police Studies – Kriminalisticko-Policijska Akademija	AoC	USER	RS
14	Home Office CAST	CAST	USER	UK
15	National Police of the Netherlands	NPN	USER	NL
16	General Directorate Combating Organized Crime, Ministry of Interior	GDCOC	USER	BG
17	Local Police Voorkepen	LPV	USER	BE

To the knowledge of the authors, no classified information is included in this deliverable



Document History

VERSION	DATE	STATUS	AUTHORS, REVIEWER	DESCRIPTION
0.1	14/07/2019	Draft	Masucci, EXPSYS	First version M1 – M14 shared with WP11 Team
0.2	26/07/2019	Draft	Masucci, EXPSYS	Update with first Newsletter and other activities
0.3	18/10/2019	Ready for internal review	Masucci, EXPSYS	Final Version M1-M18 sent to internal reviewers
0.4	29/10/2019	Reviewed	Radomski, KWPG	Reviewed by KWPG
1.0	30/10/2019	Final	Masucci, EXPSYS	Some minor changes. Version ready for submission



Definitions, Acronyms and Abbreviations

ACRONYMS / ABBREVIATIONS	DESCRIPTION
ANITA	Advanced Tools for fighting Online illegal trafficking
LEA	Law Enforcement Authority
PMC	Project Management Committee
QCB	Quality Control Board
SAB	Security Advisory Board
URL	Uniform Resource Locator



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Executive Summary

“The dissemination of the project results and the exploitation of the achievements of ANITA are the key element for the success of ANITA and the main activities to maximize the expected impacts” form ANITA Proposal Section 1-3 – cap 2.2 Measures to maximise impact.

How to achieve these targets? It is not easy to communicate result of RIA project focused on illegal trafficking. Research results are unpredictable, potentially secret and usually generated at the end of the project. Some content may be confidential or, if published, it can be misunderstood or generate false alarms... At the same time technicians, experts and LEAs are interested only in very specific topics and results and avoid too generic news. Based on its communication strategy the Project is trying to avoid those issues, approaching dissemination in two phases. In the first phase ANITA is trying to create high awareness in the Illegal-trafficking analysis landscape, for both the targets: general public and experts. Progressively communication activities will be more focused on ANITA results. The impact of the “general purpose” communication activities has become visible with more than 2500 visits throughout the project’s runtime. More than 100 followers on the ANITA Twitter account demonstrate the high interest into the project, and the same attention is reported on other social networking platforms such as Facebook, VKontakte and LinkedIn.

ANITA is already well connected with other European projects and initiatives in the field of Security and AI, and in the second half, could raise interest through various conferences.

Also, the activities of other project partners including exploitation and training, show that the ANITA project meets a market which is increasingly demanding for AI technologies.



1 Introduction

This report details all the communication activities that have been carried out throughout the course of the project (M1-M18). The report is based on the Communication Plan delivered in M6. It details the work carried out to promote the project and its outcomes through a website, social accounts, the use of community-based open source platforms and promotional material designed to that purpose, handed in various events attended by the different partners.

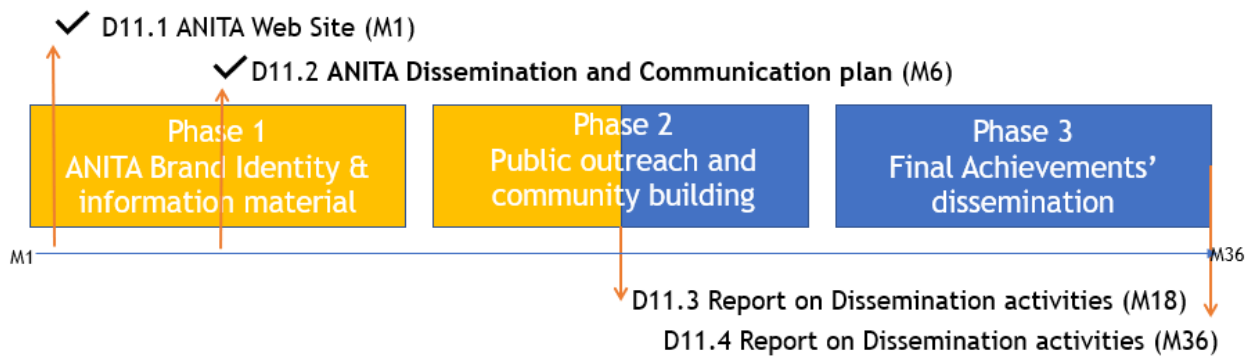


Figure 1: The Schema of Communication Plan and its progress.

1.1 Communication material and channels




In the first months the activity was focused on design of ANITA brand identity. A set of communication and promotional material has been produced and shared in the ANITA portal. Therefore, various activities have started to make the project known and to promote the themes it deals with. The main results of these phases are:

- Project branding: Logo, slide templates, report templates (KPI 100%)
- Promotional material: logo / leaflet / brochure / poster /rollup / video (KPI 100%)
- ANITA on the WEB: Website / Zenodo
- Social Presence: Twitter / LinkedIn / Facebook/ VKontakte / Youtube

The URLs of Social media and web coverage is presented in the following Table:

WEB	ANITA official H2020 webpage	https://www.anita-project.eu/
WEB	Brochure PDF dowlable from the homepage	https://www.anita-project.eu/assets/anita.pdf
WEB	Video embedded in the homepage	https://www.anita-project.eu/
WEB	Partner's webpages	Each Partners has created a Page dedicated at the projects in its website
	Newsletter channel	https://mailchi.mp/c5d565ace45a/anitaproject
	Youtube channel	https://www.youtube.com/watch?time_continue=5&v=uVbR4H9Pky0
	Twitter profile	@AnitaProject



	Linkedin profile	linkedin.com/in/anita-project-61a02217a
	ВКонтакте – VKontakte Profile	https://vk.com/
	Facebook Group	https://www.facebook.com/ANITA-Project-101461887937212/
WIKI	ANITA WIKI: WP11 Anita repository (only for Partners)	original files in different difinitions and format: logo, brochures, Poster, templates of .doc, ppt, etc.

Moreover, detailed information is reported below.

1.2 Share information with others.

In ANITA there are *three level of classified information*, and all partners must pay attention to the level of confidence of the content they are managing.

- Only an *unclassified information* (PU) is supposed to be published online and accessible by the potential general PUBLIC.
- *Confidential content* can be shared only internally the CONSORTIUM.
- *Secret content* can be read only by the specific PARTNERS involved.

The SAB (Security Advisory board) has define the Guidelines in order to manage the classification of the information.

Typically, the content of the news or post published in ANITA Task 11.1 activity, are generated extracting/elaborating information from sources listed in the Table below, each with different policies of content verification.

Source	Type of content	Dissemination
Official deliverables of the Projects	Each Deliverable is tagged with level of confidential category, Only PUBLIC content can be used for promoting external info/news	PUBLIC content can be used as base for news and articles
Other document / content generated by a Partner	The originator of the content has in charge the classification of the content. (Particular attention must be given to the privacy of any images or names of persons mentioned in the article).	If the ANITA Leader of Communication & Dissemination, receive the information as “public”, can share it on the main communication channels. The Partner should also upload the content in Zenodo.
Internet / news online	Public content related with ANITA domain (illegal trafficking, AI, etc.) or activities of the Partners.	Each Partner can enhance the communication using its channels (typically retweet on Social media). Interesting



		articles can be used in the ANITA newsletter, too.
Conference / events participated by a Partner	The participant has in charge the classification of the information and knows if can share it with the others partner	If the Leader of Communication & Dissemination, receive the information, can share it in the main communication channels. The Partner should upload material in Zenodo and also promote it with its Social media accounts.

It's evident that the proactivity of each Partner - as reported in *ANITA Project - Cap. 2 IMPACT. - 2.2.3 Individual Dissemination and Exploitation Plans* - is fundamental to achieve the challenging Communication and Dissemination KPI.

That's why the Task Leader is proactively involving all the partners to generate content, participate to events and share that information within the Consortium and the world.

More than 20 official communication and emails have been produced in the last year.

VTE	SLIDE	mail
03-lug		Upcoming events for ANITA communication activities
19-giu		Presentation in General Assembly + invito to collaborate / update info
03-giu		dissemination and communication activities ; UPDATE
28-mar		Presentation in General Assembly + invito to collaborate / update info
18-mar		R: ANITA: Dissemination to meet PublicWorkShop
24-gen		Presentation in General Assembly + invito to collaborate / update info
15-gen		update dissemination and communication activities
03-dic		Anita Newsletter on ZENODO
19-nov		R: Dissemination and communication activities
23-ott		Roll Up in english > available
11-ott		Presentation in General Assembly + invito to collaborate / update info
02-ott		Dissemination and communication activities
17-lug		ANITA - Twitter Account
16-lug		A4 brochure
07-lug		Presentation in General Assembly + invito to collaborate / update info

Figure 2: List of stimulus for all the partners.

Recurrent encourage to participate and contribute with content / subscriptions to all the Partners have been sent to global mailgroup anita-project@eng.it.

Dear ANITA Partners,

In order to improve our Statistics, you are kindly invited to subscribe like follow add share these accounts by official accounts of your Institution. It would be great if you could do so with your private accounts, too. Also, you could share links to these accounts, as well as some of the posts, on your accounts. That way, except for expanding network of contacts, these accounts could be followed by people who are project related experts, potential end users or work on similar projects. Please make some suggestion for connection, if possible.

Also, please send all relevant material connected to ANITA project (Photos, Videos, Articles, and Information etc.) to be published on these accounts. This applies to materials related to official project activities, but also to the activities in which you mentioned the project (in the form of dissemination e.g.).

You should send it to Anđela Pavlović, on e-mail address: andjela.pavlovic@kpu.edu.rs

It is highly appreciated to mention ANITA social media profiles (Tag/Direct links) when publishing materials related to Project on your accounts. Some of the Partners are already doing it and **thank you for that!**

Lastly, if you have any suggestion for improvement, proposal for new social networks or dissemination methods, please write.

Kind regards,

Figure 3: Examples of stimulus for all the partners.



Other emails were sent to/from specific partner. Frequent checks were scheduled with the WP Leader to enhance the active participation of all Partners. Between M1 and M18 EXPSYS – Task 11.1 Leader - received from Partners and LEAs, positive feedbacks on the material published and ongoing activities. In the next phases, EXPSYS looks forward to receiving many articles or documents for improving communication (e.g. newsletter), based on the commitments made by all and a plan suggested for generate targeted articles and interesting contents (see 2.3 Press release and targeted articles). During the General Assembly in Paris, a method of updating information in a participatory form has been proposed, inviting all those present to write their comments and additions on posters with the list of events recorded so far, attached on the wall of the meeting room.



Figure 4: Poster for participatory update of event's list.

1.3 WP11 Restricted Team.

Starting from June 2019, a restricted group takes monthly a conference call to discuss the WP11 activities. The Team, coordinated by the WP11 Leader (AoC), has in charge the planning and the Agenda definition for the future activities. EXPSYS, DITSS, CERTH and ENG participate like task leader and project coordinator. AoC can ask also to other partners to participate for specific issues. The topic of the meeting is related with all WP11 activities:

- Task 11.1 Dissemination and communication
 - **(Leader EXPSYS; Participant: ALL)**
- Task 11.2 LEAs and stakeholders community engagement and management
 - **(Leader DITSS; Participant: ENG, RIISC, TIU-JADS, ISBR, CAST)**
- Task 11.3 Best practices and guidelines for curricula



- **(Leader CAST;** Participant CERTH, ISSC, IBEC, TIU ,KWPG, AoC, NPN, GDCOC, LPV)
- Task 11.4 Training activities
 - **(Leader: AoC;** Participants: ENG, CERTH, EXPSYS, AIT, IBEC, SYSTRAN, KWPG, CAST,NPN,GDCOC,LPV)
- Task 11.5 Organization of Workshop
 - **(Leader: AoC,** Participants: ENG,CERTH,RISSC,EXPSYS,DITSS)
- Task 11.6 Exploitation
 - **(Leader: ENG,** Participants; CERTH, RISSC, EXPSYS, AIT,IBEC,SYSTRAN)



2 Online Communication and Dissemination Activities

As stated in the communication plan, there are three major communication phases for the project. The goal of the first phase was primarily to create awareness about the ANITA project. The second phase aim connecting to relevant communities and the third will aim engaging users to try out prototypes and demonstrating the added value of ANITAS’ platform, and how it will contribute to their activities. In the following chapters, the communication activities from M1 to M14, are presented. Wherever applicable, the effects of the communication activities are shown in numbers in order to concretely attest the impact that ANITA’s dissemination has proven.



Figure 5: The standard- format of the ANITA POSTER

2.1 Website

The website, available from M1, has continuously being updated throughout the lifespan of the project and served as the major online communication channel. It has been designed as a central information place with key information about the latest developments and achievements of the project. In the final phase, it will also be used to announce the series of conference/webinars and invite people to participate in the events.



Figure 6: The homepage of ANITA project

More than 1600 visits were registered throughout the second course of the year, for a total of more than 2300 visits of single user. Throughout the lifespan of the project, the page that has been most frequently visited by users, was the “ANITA Project” page. To make the most of this information gained by doing the website’s analytics, the content of the page has been optimised and extended with a new organization: Label “Events” in the main menu, became “Dissemination” and contain three sections:

- Newsletter: the page with the list of the newsletters, the link to subscription form and the possibility to download the pdf version of each newsletter.
- Publication: the list of publication (scientific papers or targeted articles)
- Events: listed with categories as conference, workshop, fair, General Assembly, other.

This update of the website was published in July 19, with the first launch of the Newsletter. On September was introduced the map of the events. An interesting point of view of the dissemination activity.

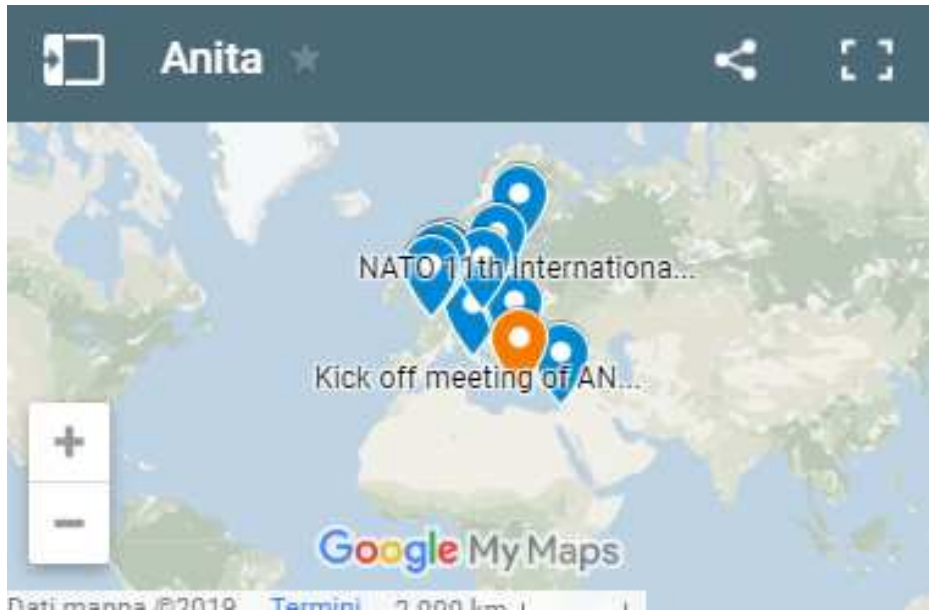


Figure 7: The Conference’s map of ANITA project

2.2 Newsletter

Newsletter is used to inform interested stakeholders of upcoming news and events and offers contacts to engage with ANITAS’ tools and prototypes at an early stage (see Annex 1).

Starting from July 2019, a set of Newsletter will be sent to interested people that had subscribed this service (Account list) from the website.

Since December 2018, in the Homepage of the Project, people could register for this service. The content of each Newsletter, delivered by email, will also be available in the website of the Projects, in pdf version. (KPI 10 newsletters).

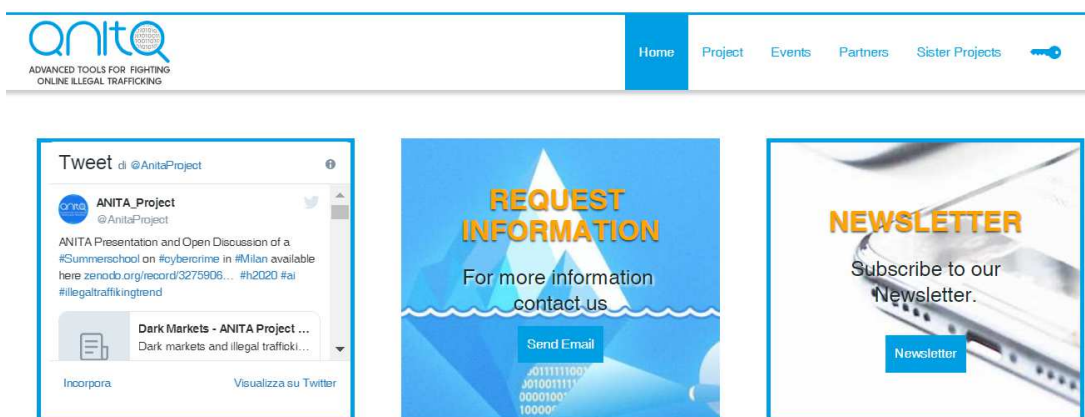


Figure 8: The link to Newsletter and Request of Information in the Homepage

Table of Newsletter:



Date	Newsletter	Main Content	Figures
25/07/2019	Newsletter n.1 SENT	Project Preview: UCs description, general requirements and Events	Mail List: 30 accounts PDF Download: 64 (10/10/19) Open Rate: 55%
30/09/2019	Newsletter n.2 SENT	Focus on Training features	Mail List: 35 accounts PDFDownload: 10 (10/10/19) Open Rate: 65,6%
End of Nov 19	Newsletter n.3 TBD	Focus on Events & conference participation	
Every two month from Jan 20			

2.2.1 Account list

All partners are committed to increase the visibility of the project and will do so also promoting the ANITA newsletter using their social media and individual networks. The list will be update with contacts of user coming from various countries throughout Europe and could be separated into two categories: LEAs contacts and academic contacts.

Thanks to the connections with Sisters Projects and the network of each Partner, the newsletter of ANITA projects will be promoted to enhance the numbers and diffusion of the Subscribers.

As defined in the *WP11 Restricted Team*, specific activities are ongoing by different Partners on this issue:

Partners	Activity
EXPSYS	Promote the subscription internally with mails and presentation at the General Assembly and promote link with other Projects
DITSS, CERTH, ENG, AoC	Promote link with others Projects / Organization

The generation of large list takes a lot of time. The adoption of GDPR rules has generate difficulties for an intensive use of this channel of communication.

2.3 Press releases and Targeted Articles

This type of content is about illegal trafficking, AI, imaging analysis, NLP, and all topic related with ANITA project. Each Partner should write an article about its knowledge/technology with the aim to disseminate to a general public the specific competence and target in ANITA. Those articles are very useful to *spread information among the general public*, addressing those segments of population which may have been completely unaware of the topics and the related results. The main goal is the publication of news about ANITA partners, features, market, etc. on sector magazines and popular online magazine such Security Magazine, Wired, IEEE Security & Privacy Magazine. But those articles are also useful to generate interesting content for the Newsletter or Social Media Networks.



NBP Journal - Science, Security, Police - Journal for Criminal Justice and Law¹ is a concrete example of journal of a leading international significance, which publishes original scientific and review articles in the field of criminal, police, security, legal, social sciences, as well as in the field of informatics and forensics. Throughout the next month will be managed a three-monthly article (see the Plan in figure 5), each time written by a different partner, formatted by the communication leader and (if needed) proofread by SAB for Security Check.

KPI: At least 8 press releases and 6 articles are required.

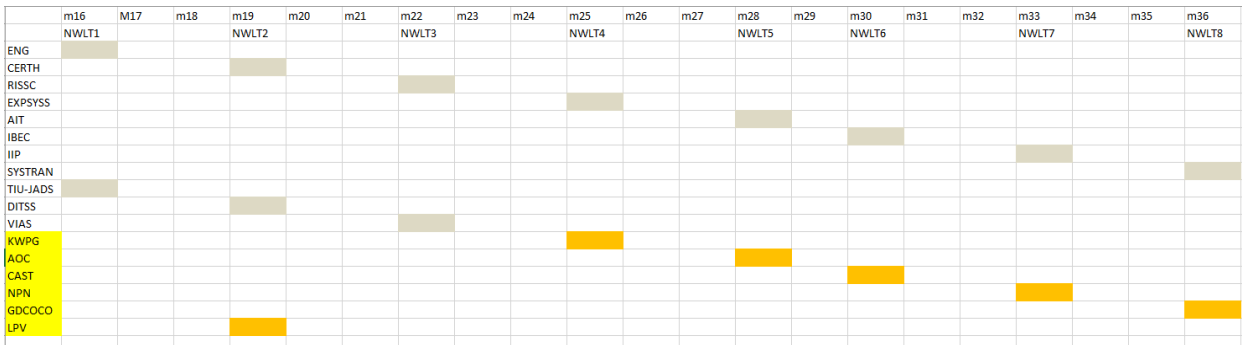


Figure 9: The PLAN of Targeted Articles generation

2.4 Zenodo Web Portal (OpenAIRE)

Zenodo is a social networking site for scientists and researchers to share papers and find collaborators, founded by CERN and OpenAire. Beside the web overview of the basic activities, each Partner should also provide a link in “Zenodo – research Shared” for immediate use by interested users. Since now the platform was not used systematically, but a continuous stimulus on this is being done.

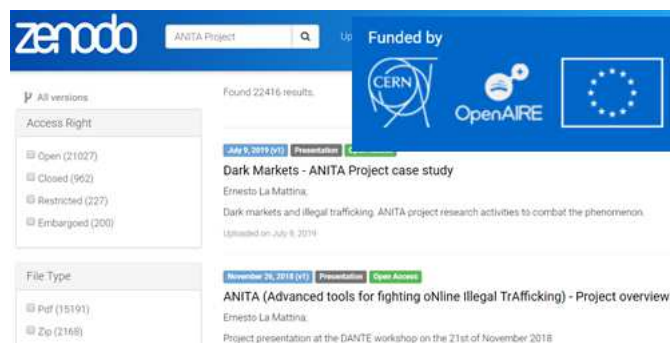


Figure 10: Overview of ANITA sources in Zenodo

2.5 Social Presence

At M18, the Social Networks channels used in ANITA are:

- Twitter (managed by EXPSYS)
- LinkedIn (managed by AoC)

¹ <http://www.kpu.edu.rs/en/academy/publishing-activity-/nbp.html>

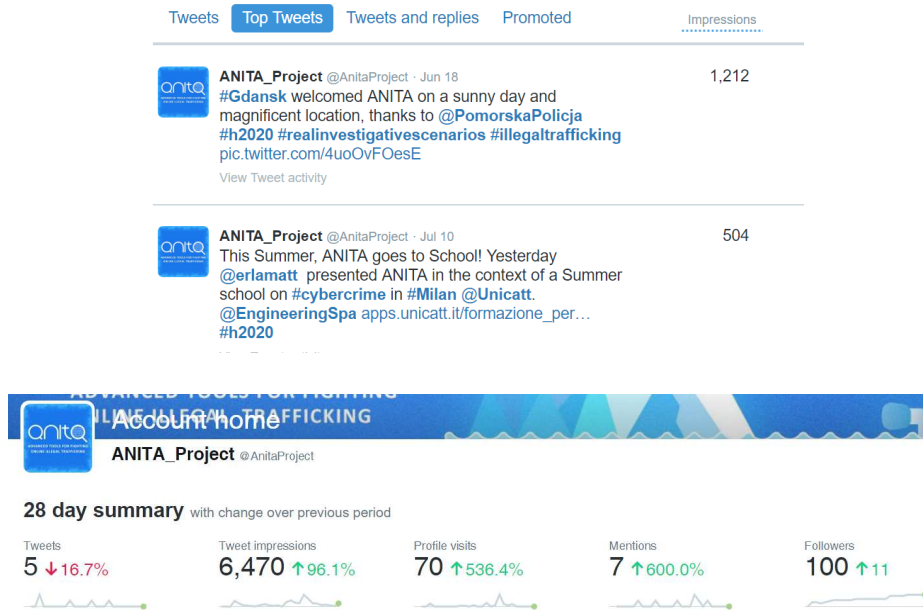


Figure 13: Two of the most successful ANITA tweets and other analytics

2.5.2 LinkedIn

The LinkedIn account of ANITA was primarily established to promote the series of final conferences and webinars. Although it currently has a rather limited amount of contents, it should be noted, that updates in the respective timelines of its members can reach a significantly larger number of people. So, this channel will be used for major news and updates on the project specifically in respect to its platform for further exploitation purposes and is aimed to be maintained after the end of the project.

10/10/2019

- 168 Connections
- 171 Followers
- 9 Profile views
- 315 Post views

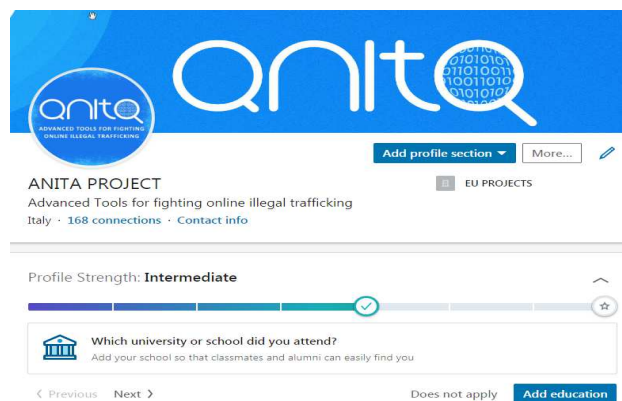


Figure 14: The LinkedIn presence of ANITA

2.5.3 Facebook and ВКонтакте

These Social Networks are used mainly to promote the conferences and webinars. Although they currently have a rather limited amount of contents, can reach a significantly large number of people.



Figure 15: The Facebook presence of ANITA



3 Collaborations with other projects and initiatives

Collaboration with other projects (Sister projects) and initiatives including EC co-funded projects provided a valuable opportunity for exchanging ideas, findings and approaches. Existing contacts were used for communication and dissemination purposes in order to mutually inform each other about ongoing activities and to pave the way for further engagements. Also new contacts will be contacted. Here the list of Projects already asked for collaboration:

H2020 Project	Contacted	Link Active
Proton	YES	YES
Dante	YES	YES
Lion DC	YES	YES
Copkit	YES	YES
Magneto	YES	YES
Connexions	YES	YES
Spirit	YES	NO
Wildlife CybercrimeEC project	YES	In progress

A list of others interesting project is available here: www.select.org/projects/, but it's now useful to define a targeted strategy, before activating new contacts. Furthermore, on the ANITA website in the section 'Sisters Projects' a living list of research projects and activities within relevant topical domains is presented.

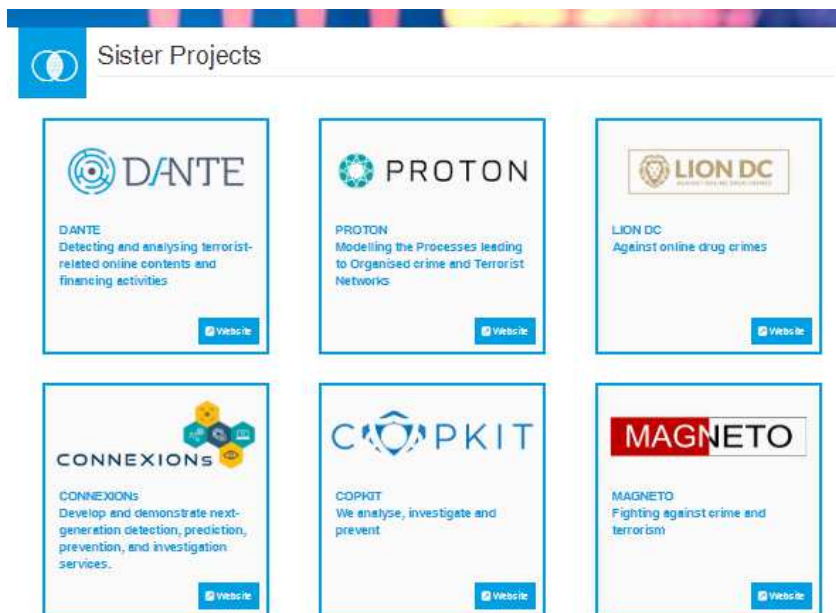


Figure 16: ANITA Sister Projects



4 Conferences and Publications

In this chapter we report the material produced to support visibility and presence of ANITA in peer-reviewed conference or open workshop/meeting and the production of scientific papers.

4.1 Media productions

Media productions that have been carried out through the project are described below. All elements stated in the Communication plan have been used to create a consistent and strong visual appearance.

4.1.1 Leaflet

An ANITA project flyer was designed and produced in the first phases. Its main purpose is to reach the ANITA’s audience and provide an overview of the project, its goals and its members. It furthermore shows the available ANITA’s components and corresponding contacts. It has been used as a handout and widely spread when partners were attending events, conferences and workshops, in more than 600 copies.





Figure 17: The ANITA flyer

4.1.2 Rollup and poster

The ANITA rollup and poster has been showed during conferences and fairs and had two basic functions. Firstly, its aim was to catch the visitor’s eyes and make them curious to learn more about the project. Secondly, it is supposed to give a first impression of the architecture and the key features of the project. Starting from this basis, some partner has realized its own version and used it in conferences and meeting.

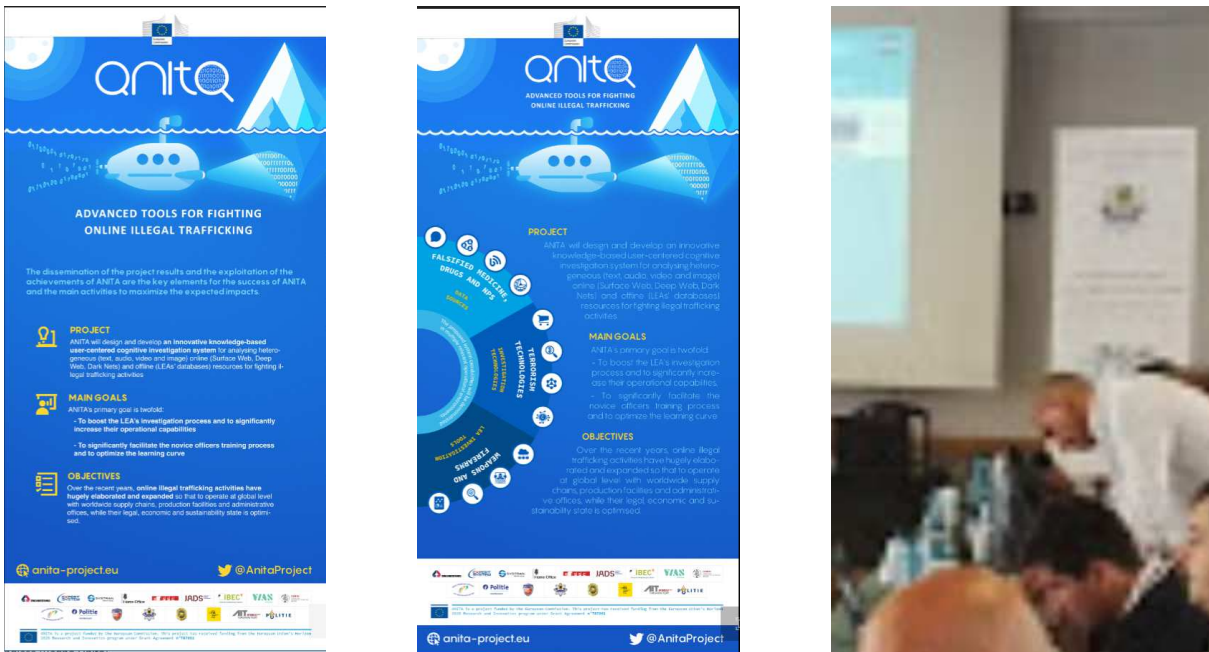


Figure 18: Three versions of ANITA Rollup



4.1.3 Video

The production of a promotional video for ANITA has been finalised in the end of the first year. The video gives generic views of the potential of the ANITA’s Big Data analysis and AI platform for illegal trafficking analysis. It is a short, entertaining and informative clip about Artificial Intelligence technologies in general, and the project’s objectives and the envisioned solutions it could bring to security markets. The ANITA video has been showed during conferences and workshops. It is also freely available on YouTube, where it received more than 170 views, and on the project’s website.

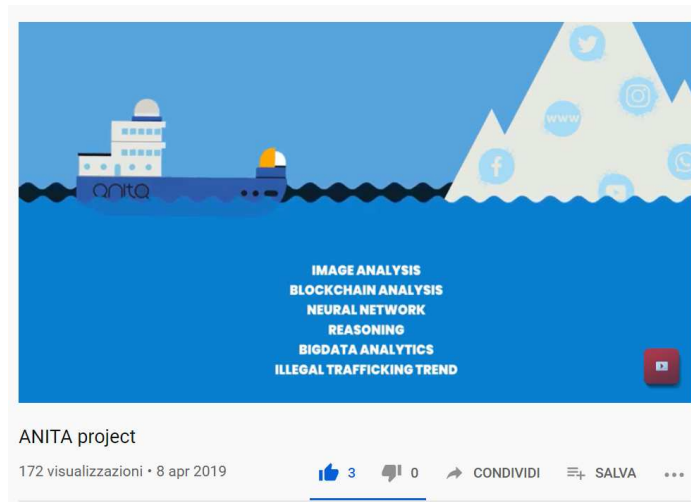


Figure 19: ANITA Video on Youtube

4.2 Peer-reviewed publication and Conferences

ANITA is an RIA H2020 Project and dissemination actions are very focused on reviewed publications (*KPI at least 24 publications, 12 journal papers, 12 conferences are required*). All Partners must constantly update publication and conferences using a file shared in the WIKI.

No.	Type of Activity	Partner responsible	Title	Date/Period (Start date and date DOMMM/YYYY)	Place (City, Country - only for events)	Type of audience (Please use the possibilities from field (see below))	Estimated Number of persons reached	Countries addressed (EU, worldwide, ES, etc.)	Language	Comments / Description	URL or PDF
21	Workshop	AUC	ISS World EUROPE	28-30 May 2019	Prague CZ					ISS World Europe is the world's largest gathering of Regional Law Enforcement, Intelligence and Homeland Security Agencies, Telecosms as well as Financial Crime Investigators responsible for Cyber Crime Investigation, Electronic Surveillance and Intelligence Gathering, Cross domain Knowledge Transfer Schemes for 3D Human Action Recognition, Video Speech Transcription, Modeling for Object Level Case-Based Evidence Assessment.	https://www.issworld.eu/
22	Workshop	CERTH	27th European Signal Processing Conference, Fall 2019 2019								
23	Workshop	CERTH	27th European Signal Processing Conference, Europe 2020								
24	Workshop	CERTH	5th International Conference on Engineering, Technology and Innovation (ICEEETI) 2019							Incorporating Textual Similarity in Video Captioning Schemes	
25	Workshop	EMSYS	UNCOVER DARK WEB IDENTITIES USING AI & STYLOMERY	30/05/2019	Tallin - Estonia	LEA	1000	Worldwide	ENG	12th International conference on Cyber Conflict: Silent Battle: Speech on Stylometry	https://cccon.eu/

Figure 20: Example of T11.1 LIST available in the WIKI of the project

On M18 there are 6 reviewed publications reported in the XLS file.



1	Article in Journal	A Survey on Methods and Tools for Automatic Software Vulnerabilities Detection	Submitted	Bruno Alessandro Polisena, Student-Member, IEEE, Simone Scalabrino, Student-Member, IEEE, Gabriele Bavota, Member, IEEE, Damian A. Tamburri, Member, IEEE, Rocco Oliveto, Member, IEEE	Article in Journal
2	Publication in conference	Incorporating Textual Similarity in Video Captioning Schemes	Accepted	Konstantinos Gkoutakos, Anastasios Dimou, Georgios Th Papadopoulos, Petros Daras	5th International Conference on Engineering, Technology and Innovation (ICE/IEEE ITMC 2019)
3	Publication in conference	Cross-domain Knowledge Transfer Schemes for 3D Human Action Recognition,	Accepted	Athanasios Psaltis, Georgios Th. Papadopoulos, Petros Daras	27th European Signal Processing Conference, Eusipco 2019
4	Publication in conference	Deep Spatio-Temporal Modeling for Object-Level Gaze-Based Relevance Assessment,	Accepted	Konstantinos Stavridis, Athanasios Psaltis, Anastasios Dimou, Georgios Th. Papadopoulos, Petros Daras	27th European Signal Processing Conference, Eusipco 2020
5	Article in Journal	Deep Multi-modal Representation Schemes for 3D Human Action Recognition	Submitted	Athanasios Psaltis, Georgios Th. Papadopoulos, Petros Daras	IEEE Transactions on Multimedia
6	Publication in conference	How you type is what you type: Keystroke dynamics correlate with affective content	Accepted	Lopez-Carral, H, Sanots-Pata, D., Zucca, R, Verschure, P. (2019).	8th International Conference on Affective Computing & Intelligent Interaction (ACII 2019) . Cambridge (UK).

It's very important to keep updated this list, so the Task Leader has often remembered all the partner (and in particular the Scientific ones) to systematically update it (all items!) and share this information with their Media, too.

For example, when a paper is accepted in a Conference, a Tweet can be posted by the Partners' Account, including the name of ANITA (@AnitaProject) and ANITA can retweet it.

4.3 Workshops, public Conferences, Meeting and other events

In this chapter we report the presence of ANITA in public meeting or conference. Below the **list of events** with active participation of ANITA's Partners (M1-M18).

D11.3 – Report on Dissemination activities



CATEGORY	Partner	Events	Date	Location	Target	Country Addressed	LANG	Description	URL
Business Sector Events	SYS	Pure Neural® Machine Translation powering businesses	08/11/18	Paris	ALL	Europe	ENG	ANITA project as sponsor to the SYSTRAN Community Day 2 allowing to the consortium to talk about ANITA Objectives and actions	http://www.systransoft.com/systran-community-day-2018/
Pitch-event	JADS	"Machine-Learning for Cybercrime Fighting"	27/09/2018	s'Hertogenbosch	ALL	worldwide	ENG	Pitch of the project to potential research assistants	
Conference	AoC	Chipcard community forum - Belgrade, Regional conference	23/11/2018	Belgrade	Gov. Instances, Industry of banks, chipcards, credit cards, etc	Region of West Balkans	BHS, ENG	Dissemination and collaboration with regional organization	www.chipcard.rs
DANTE Workshop	ENG, CERTH, EXPSYS, AIT, all ANITA LEAs	DANTE Workshop	21/11/2018	Lisbon	ALL	Europe	ENG	ANITA - Project overview	https://www.h2020-dante.eu/news/dante-2nd-training-session-1st-pilot-round-uc2-lisbon/
Workshop	ENG, CERTH	13th Meeting of the Community of Users on Secure, Safe, Resilient Societies	28-29/03/2019	Brussels	LEA	worldwide	ENG	Brainstorming on available tools and potential improvements achievable through Artificial Intelligence	https://www.securityresearch-cou.eu/node/9200

D11.3 – Report on Dissemination activities



Workshop	CERTH	ILEANET Workshop	11/04/2019	Riga	LEA	worldwide	ENG	Dissemination and collaboration with EU H2020 Network	
Workshop	DITSS	Lion DC workshop	20/02/2019	Poznan	ALL	Europe	ENG	Dissemination and collaboration with EU H2020 Network	
Workshop	ENG, EXPSYS, CERTH, AIT, RISSC	Final DANTE workshop	20/02/2019	Rome	LEA	worldwide	ENG	Presentations and video	https://www.h2020-dante.eu
Conference	KWPG	Horizon 2020 for Uniformed Services - practical aspects	24-25th April 2019	Konstancin-Jeziorna	LEA	Europe	POL	The meeting was attended by the representatives of National Police Headquarters, over ten Regional Police Headquarters, State Protection Service, Internal Security Agency, National Contact Point for RP EU and the Polish Platform for Homeland Security	http://www.sci.pl/czescy/pom/Informacje/kadrowa/00235/sygnale-w-zasad-polybiu-4174.html?text=3495321004
Workshop	AoC SYS	ISS World EUROPE	28-30 May 2019	Prague CZ	Defence	All	ENG	ISS World Europe is the world's largest gathering of Regional Law Enforcement, Intelligence and Homeland Security Analysts, Telecoms as well as Financial Crime Investigators responsible for Cyber Crime Investigation, Electronic Surveillance and Intelligence Gathering.	https://www.issworldtraining.com/iss_europe/
Workshop	CERTH	27th European Signal Processing Conference, Eusipco 2019				Europe	ENG	Cross-domain Knowledge Transfer Schemes for 3D Human Action Recognition,	

D11.3 – Report on Dissemination activities



Workshop	CERTH	27th European Signal Processing Conference, Eusipco 2020				Europe	ENG	Deep Spatio-Temporal Modeling for Object-Level Gaze-Based Relevance Assessment,	
Workshop	CERTH	5th International Conference on Engineering, Technology and Innovation (ICE/IEEE ITMC 2019)				Europe	ENG	Incorporating Textual Similarity in Video Captioning Schemes	
Conference	EXPSYS	UNCOVER DARK WEB IDENTITIES USING AI & STYLOMETRY	30/05/2019	Tallin - Estonia	LEA	worldwide	ENG	11th International Conference on Cyber Conflict: Silent Battle- Speech on Stylometry	https://cycon.org/
Summer School	ENG	The Business Model of Cybercrime	09/07/2019	Milan	Students	worldwide	ENG	Presentation and Open Discussion (https://zenodo.org/record/3275906#.XSSStVJMzZ-U)	https://apps.unicat.it/formazione/permanente/milano_scheda_corso.asp?id=14909
ILEANET Workshop	CERTH	ILEAnet H2020 Webinar is organized by ILEAnet H2020 Coordination, with INTERPOL support	11/09/2019	web	LEA	Worldwide	ENG		
Webinar	CERTH	Imaging Annotation Tool	01/07/2019	web	Partners	Europe	ENG		
Conference	EXPSYS	World Summit on Counter-Terrorism: ICT's 19th International Conference	September 9-12, 2019	Herzliya, Israel	ALL	Worldwide	ENG	Dissemination activity and leaflets distribution at the International Institute for Counter-Terrorism (ICT)	http://www.eenter.eu/1c197b7d-1440344916710066a52002e4f8b544f65b1110020f9b

D11.3 – Report on Dissemination activities

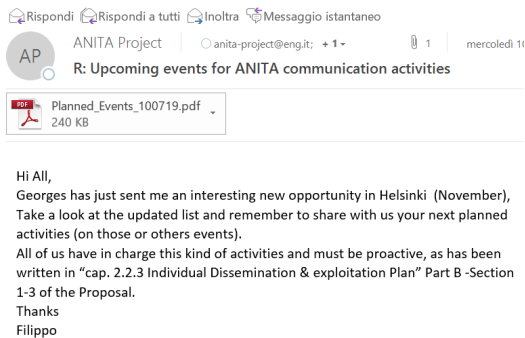


PROTON Workshop	DITSS	The PROTON project is organising its final conference on the 18th of September in	18/09/2019	Ghent Belgium	LEA	Europe	ENG	Sister Project	https://www.projectproton.eu/event/proton-final-conference/
Conference	IBEC	8th International conference on affective computing and intelligent interaction	3-6 Sep 2019	Cambridge UK	Scientific Community	ALL	ENG	Ket stroke; pattern / emotion	Peer reviewed conference and article
Workshop	ENG, CERTH, RISSC	14th CoU Thematic Workshops	18-19 Sep 2019	Brussels	ALL	Europe	ENG	Participation to discussion of the thematic panels and presentation of the ANITA project during the poster session	https://www.eisewhere.com/home/index.php?eventid=465574&tabid=946025
Conference	ENG, EXPSYS	KEMEA - Mediterranean Security Event 2019	29-31 October 2019	Creta Greece	ALL	worldwide	ENG	Presentation and dissemination	
Conference	DITSS	Crossing Borders	31/10/2019	Utrecht NL	LEAs	NL	NL	Presentation and dissemination	



4.4 Planned opportunities

To stimulate the presence of ANITA in many events, it was created a LIST of interesting opportunities to share with all participants. The LIST is available in the WIKI but it's also recurrently sent by email to all the Partners. They are also asked for update it with news and opportunities not already reported in the list. This is an example of email and Annex attached.



List of potential events important for ANITA

Event name	Event type (Industrial fairs, workshops/conferences related to technical activities, meetings and related technology transfer activities)	Date	Place	Website	Project partner planning to attend event
World Summit on Counter-Terrorism: ICT's 15th International Conference	The International Institute for Counter-Terrorism (ICT)	September 9-12, 2019.	Interdisciplinary Center (IDC) Herzliya, Israel	http://www.ict.org.il/	EXPSYS
THE CAMBRIDGE INTERNATIONAL SYMPOSIUM ON ECONOMIC CRIME, Fighting Economic Crime	Conference	September 1 - 8, 2019	Cambridge UK	https://www.cicr.org.uk/	
EUCPN Conference 2019: Illegal Wildlife Trade and the Funding of International Terrorism	Conference	November 21 2019	The Hague, Netherlands NL	https://eucpn.org/2019/	
Mediterranean Security Event 2019 in Greece.	Conference	October 29-31, 2019	Foedle Beach 5, Water Park Resort, Heraklion Crete, (Gr)	www.sre2019.eu/	

Co-organised by the European

Figure 21: Example of stimulus to all the partners

4.4.1 List of possible future events

The list of possible future events is an instrument used to remember to all Partner to keep attention on this important dissemination activity. It reports only few opportunities among those really available globally. Some partners have internal offices dedicated to this scouting activity and they could share with others their list, too. Anyway, the goal of an email as the one below sent to all participant the 3 July 2019, is generate attention and stimulate this type of activity, not to manage a full catalogue of events.

Event name	Event type (industrial fairs, workshops/conferences related to technical activities, meetings and related technology transfer activities)	Date	Place	Website	Project partner planning to attend event	Planned activities at event	Comments
EUCPN Conference 2019: Illegal Wildlife Trade and the Funding of International Terrorism	Conference	November 21 2019	The Hague, Netherlands NL	https://eucpn.org/events/conference-2019-illegal-wildlife-trade-and-funding-international-terrorism		flyer and possibility of advertisement for the project, presentation	
Security Research Event 2019	Co-organised by the European Commission and the Ministry of the Interior in Finland as a side event of Finland's Presidency of the	November 6-7 2019	Helsinki, Finland	https://www.sre2019.eu/		Speeches about ANITA and stand	



	Council of the European Union.						
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4.4.2 The final conferences

In the final phase of the ANITA project a series of conferences and courses (described in the corresponding deliverable) will be managed and promoted. These activities are mainly referred to WP11.4 and WP11.5 but will have an impact also in communication and dissemination, obviously. Generally speaking, the last phase of RIA projects is often the most rich of interesting results, news and activities to promote and communicate. That's why the effort plan of all the partners related with WP11.1, must consider this final peak of activities. The total amount of 3PM for the Leader and 1PM for all other Partners, require a lot of attention in distribute the effort during all 36 months.

KPI: The Organization of 6 round tables for discussing on the regional or national level results of the projects, are required.

- 1 final conference (75 attendees)
- 1 international Workshop (30 attendees)
- 6 training WS (50 attendees)

4.5 ANITA General Assembly

An important recurrent event is the General Assembly, with all LEAs and Technical Partners. Those events are reported on web and social media. In this way all Partners can plan their Agenda and promote the meeting (before, during and after) on their Social Accounts.

Next Events



The 7rd General Assembly

The 7rd General Assembly will be held in Paris on 08, 09 and 10 October 2019.

08, 09 and 10 October 2019 Paris

Figure 22: Example of news on General Assembly

The meeting venue is rotated among the partners and some of them has produce specific material for the attendants, like personalised badge, notes, photos. Here some examples.




Figure 23: Examples of branded material



Annex 1

ANITA’s Newsletters




Newsletter n.1

Project overview

Dear reader,

Since the very beginning of the project, ANITA consortium has been intensively working towards the development of specific modules and an integrated platform that will facilitate Law Enforcement Agencies in combating illegal trafficking activities. Our Partners are working progressively towards the development of all modules of the platform and their integration in the real-life scenario of the Use Cases (UCs).

The following image represents the key concepts on which ANITA's ongoing activities are focusing:



Use cases

Thanks to a participatory design process and the contribute of the LEAs of 6 Countries (Belgium, The Netherlands, UK, Poland, Serbia and Bulgaria), use cases and user

requirements have been identified, with the aim to develop tools to analyse illegal trafficking in:

Use Case 1 – Counterfeit/falsified medicine, drugs and NPS

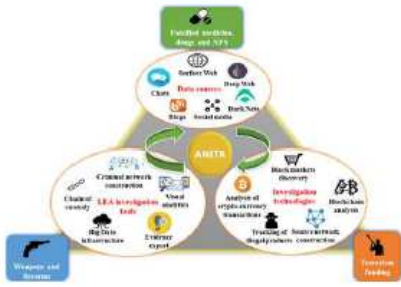
The market for medicine and drugs constitutes a remarkably large share of world trade, both those purporting to be for pharmaceutical purposes or as narcotics. There is also a huge trade in medicine-related substances. This, coupled with the growth of Internet services, provide a profusion of opportunities for anonymous and quick online illegal transactions. ANITA will provide tools for automated detection of markets, through different means including the block-chain analysis through the Public Web, Deep Web and Dark Nets. ANITA will also be able to automatically detect, monitor and analyse heterogeneous multimedia large-scale data from online retrieved sources, but also increase its accuracy by learning from experienced investigators.

Use Case 2 – Weapons trafficking

ANITA perform multi-modal (audio, video, text) analysis, in order to find weapon online markets of Dark Web sites. The investigation tools will have to automatically detect potentially useful information, such as objects (weapons, firearms), concepts and events (e.g. showing how to use a weapon etc.). Additionally, the management of huge amounts of textual information is critical and a combination of knowledge modelling and image processing functionalities should be applied, in order to georeference an event.

Use Case 3 – Trafficking related to terrorism funding

Terrorist organisations require large amounts of funds, in order to support themselves and their illegal activities. There are many ways in which terrorist organisations can obtain funding some of the most common are: Terrorist-related financial networks, Fake charities and Fund-raising campaigns. ANITA objectives are focused on searching of the Web those channels, in order to find relations among suspects and to define a hierarchy or links among them.



User requirements

Each Use Case is focused on different illegal activities, but some common requirements have been elicited from the workshops done with end users, associated in 5 common macro phases, according to the tools that they will benefit from,

Data sources and stream analysis

Specific crawlers for Surface and Deep web and Dark Nets will be included in ANITA, together with a set of indicators for assessing risk associated with data sources, focused on the discovery and monitoring of black markets and on the identification of specific products, volumes or behaviours, as well as online fora, blogs and social media sources; Blockchain analysis techniques are included as well for the detection, tracking and monitoring of monetary transactions.

Big Data analysis and analytics

ANITA will incorporate advanced Big Data oriented services for the analysis of textual and multimedia contents (multilingual translation and speech to text, text analysis, concept and object detections from images and videos, visual indexing, illegal trafficking trend analysis), in order to automatically detect relevant insights for the current investigations.

Knowledge generation and reasoning

A set of ontologies will be included to model all crime aspects including events, suspicious and illegal activities, people, organisations, places, black markets, products and their relationships. On top of such ontologies, inference and reasoning tools will be delivered, able to correlate the information generated by the other services, in order to provide a narrative storyline of the criminal activities and novel hypotheses from the observed data.

Integration of human factor in the analysis loop

ANITA will collect interaction data with the user to iteratively refine the system's Big Data analytics services and to provide a recommender system that will learn from expert users and transfer those techniques to novice users.

Novel applications for LEAs and System Integration

ANITA will incorporate applications equipped with user-friendly and interactive widgets able to fulfil LEAs' requirements and boosting investigative operations allowing officers to verify and validate Big Data analysis results, report events, browse and analyse trafficking activities and potential links among them, and export produced knowledge with the entire chain of custody and evidence for prosecution purposes or sharing with other law enforcement agencies.

ANITA in past Events

Conference	Pure Neural Machine Translation powering businesses	Paris	ANITA project to the SYSTRAN Community Days, allowing to talk about ANITA Objectives and actions
Conference	Chipcard community forum - Regional conference	Belgrade	Project overview to ANITA (Advanced tools for fighting online Illegal Trafficking)
Workshop	DANTE Workshop	Lisbon	Project overview to ANITA (Advanced tools for fighting online Illegal Trafficking) — in DANTE H2020 project (one of the Sister Projects)

Conference	THE CAMBRIDGE INTERNATIONAL SYMPOSIUM ON ECONOMIC CRIME, Fighting Economic Crime	September 1-8, 2019	Cambridge UK	https://www.crimsymposium.org/
Conference	EUCPN Conference 2019: Illegal Wildlife Trade and the Funding of International Terrorism	November 21 2019	The Hague, Netherlands NL	https://europa.eu/press/press-conferences/2019/11/21-illegal-wildlife-trade-to-fund-international-terrorism
Conference	Mediterranean Security Event 2019 in Greece,	October 29-31, 2019	Fodele Beach & Water Park Resort, Heracleion Crete (Gr)	https://www.fodelebeach.gr/

ANITA is a project funded by the European Commission

This project has received funding from the European Union's Horizon 2020 Research and Innovation program under Grant Agreement n°787061

Our mailing address is:

info@anita-project.eu

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Newsletter n.2

Dear Reader,

In the previous newsletter we introduced the Use Cases (UCs), with the three main domain of application of the technology developed in ANITA. Now, we present another very important topic of the project: The training features.

The study of effective systems to improve the training phase of new recruits thanks to the integration of human factor in the analysis loop [the so-called Distributed Sensing Architecture] forms the core of the human-centered part of the ANITA system.

Figure 1. Face expressions recognition workflow.



In the ANITA project, a fundamental role is played by the knowledge that can be extracted from the specific explicit (overt behavior) and implicit (user's "unconscious" reactions) feedback provided by an officer and boost the analytical process and the training of new officers.

The distributed sensing architecture will be used to capture, process and integrate the implicit and explicit user's responses obtained from the interaction with the ANITA system. The acquisition system aims to extract relevant information about the user's behavior and his cognitive and affective states while interacting with the system. Different configurations of sensing technologies have been investigated and integrated in the ANITA's multimodal data acquisition system (eg. face detection).

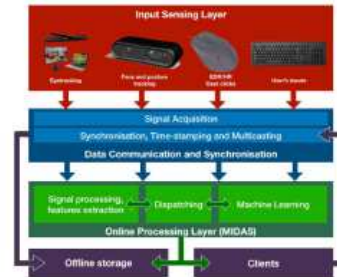


ANITA is a project funded by the European Commission. This project has received funding from the European Union's Horizon 2020 Research and Innovation program under grant agreement #101019184.



The goal is to develop a platform capable of constantly improving interaction with users, to support them and quickly make experts the new Officers in darkweb analysis and AI.

Figure 2. The ANITA's Distributed Sensing Architecture (DSA).



Sister Project: PROTON

On September 18th, 2019 the representatives of ANITA and PROTON Projects discussed potential collaboration between the Projects. Both teams would work together to develop a more detailed approach to future cooperation, including joint dissemination activities. Additional information about PROTON Project is available at <http://www.projectproton.eu/>.

If you are involved in a project which you believe could collaborate with ANITA please contact the Project Coordinator.



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