Grant Agreement N°: 101020259
Topic: SU-DS02-2020

ARCADIAN-IoT

Autonomous Trust, Security and Privacy Management Framework for IoT

D6.1: Dissemination and Communication Strategy and Plan

Revision: v.1.1

Work package	WP 6
Task	Task 6.1, Task 6.4
Due date	31/07/2021
Submission date	27/07/2021
Deliverable lead	Martel
Version	1.1

Abstract

This document defines the dissemination and communication strategy and plan and describes the activities ARCADIAN-IoT pursues to amplify project and community efforts through a rich set of tools and actions for awareness creation and engagement of top-notch players. This is crucial for effective and sustainable impact creation, as well as for exploitation.

Keywords:

Dissemination, Communication, Online Communication, Events, Content, Visual Identity, Web Portal, Social Media, Promotional Material, Newsletter, Publications, Webinars, Workshops

Document Revision History

Version	Date	Description of change	List of contributor(s)
V0.1	02.06.2021	ToC	Valentin Popescu (Martel)
V0.2	01.06.2021	First draft sent to partners	ATOS, IPN, MARTEL, RISE, XLAB
V0.3	12.07.2021	Version sent for internal review	SAB Member (Arthur van der Wees)
V1.0	23.07.2021	Final version	Valentin Popescu (Martel)
V1.1	27.07.2021	Minor edits	Sérgio Figueiredo (IPN)

Disclaimer

Project co-funded by the European Commission under SU-DS02-2020		
Nature of the deliverable:	R	
Dissemination Level		
PU	Public, fully open, e.g., web	√
CI	Classified, information as referred to in Commission Decision 2001/844/EC	
CO	Confidential to ARCADIAN-IoT project and Commission Services	

* *R: Document, report (excluding the periodic and final reports)*
DEM: Demonstrator, pilot, prototype, plan designs
DEC: Websites, patents filing, press & media actions, videos, etc.
OTHER: Software, technical diagram, etc

EXECUTIVE SUMMARY

This deliverable describes ARCADIAN-IoT's Dissemination and Communication Strategy and Plan defined in Task 6.1 "Dissemination and communication" and Task 6.4 "Synergies and interaction with external initiatives" of Work Package 6 "Dissemination, communication and exploitation". It details ARCADIAN-IoT's set of dissemination and communication activities to amplify project and community efforts for awareness creation and engagement of top-notch players.

It is aimed to be a guiding document for the projects' partners to align on main objectives and planned communication and dissemination activities, but also to define a common framework for coordination with other main parties such as the European Commission and other related Horizon 2020 and upcoming Horizon Europe projects.

In this respect, the main objectives of this deliverable are as follows:

- To define and implement a comprehensive and effective set of dissemination and communication activities, creating awareness about project results.
- To create a solid strategic approach to ensure a growing engagement of all target stakeholders, with specific emphasis on SMEs across the European ICT landscape.
- The establish partnerships with relevant ongoing initiatives and networks, engaging key players from all groups of the defined stakeholders across the relevant domains of security and privacy, trust management, digital identity, etc. The ambition is to ensure awareness creation and engagement of target stakeholders into the uptake of ARCADIAN-IoT technologies and concepts. A special focus will be given to H2020 ongoing projects like the ones under the H2020-SU-ICT- 2018 Call.
- Organise and promote special training and demonstration events.

Certain relevant knowledge and results generated by ARCADIAN-IoT will be shared with the identified target groups through dedicated tools and channels operated by WP6. Relevant selected outcomes will be made accessible and understandable by all target audiences. This is crucial for effective and sustainable impact creation, as well as for exploitation.

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ABBREVIATIONS

AB	Advisory Board
DDoS	Distributed Denial of Service
EC	European Commission
GDPR	General Data Protection Regulation
H2020	Horizon 2020
IoT	Internet of Things
SAB	Security Advisory Board
WP	Work Package

1 INTRODUCTION

1.1 Purpose of the document

The present deliverable is prepared in the context of Work Package 6 (WP6) "Dissemination, communication and exploitation" and aims to develop an overall dissemination and communication strategy for ARCADIAN-IoT for outreach and impact creation, considering the characteristics of the information that needs to be disseminated, the target audiences and groups and the impacts to achieve. The expected outcomes and impacts, assessment metrics and tools are defined.

This strategy provides the framework within the different awareness-raising and promotional activities that will be carried out during the project.

In this context, WP6 focuses on identifying a rich set of tools and actions for awareness creation and engagement of relevant stakeholders that have to be contacted to reach the right supporters at the right time. It also involves preparation of the promotional materials and organising dissemination activities to create a community with other EU-funded projects on similar topics and for discussion, project development, scaling up, best-practice exchange and experience sharing. The purpose of this deliverable is therefore to outline an inclusive dissemination and plan for the realisation of the above stated goals and in particular to:

- Identify target audiences, including a broad range of stakeholders
- Present the strategy put in place for the dissemination and communication of knowledge and results
- Depict the methods, tools and promotional materials that will be used in the project's dissemination and communication
- Provide a complete overview of the planned activities
- Define the rules and procedures that will be applied to implement, monitor and evaluate all the communication and engagement activities.

This is a 'living' document, able to accommodate any required customisation. The communication plan will thus be constantly evaluated and revised during the project. Major updates will be included in the yearly D6.4.x *Outreach activities report* (M12, M24, M36).

1.2 Structure of the document

The sections of the deliverable at hand are organised in the following manner.

After the introductory Section 1, Section 2 depicts the mission of ARCADIAN-IoT and the fundamental aspects of the dissemination and communication strategy, including the main objectives, the description of the target audiences and the strategic planning of the envisioned activities. Section 3 presents the various types of dissemination activities and tools that will be used in order to support the project's dissemination and communication activities. Section 4 describes ARCADIAN-IoT's synergies and interaction with external initiatives. Section 5 depicts the metrics for the evaluation of the dissemination and communication activities. Section 6 concludes the document.

1.3 Grounding ARCADIAN-IoT dissemination and communication strategy and plan

In recent years, the development and increasing adoption of a large variety of Internet of Things (IoT) technologies, devices and solutions have disrupted many industries and modified many aspects of our everyday life, generating a huge impact on businesses, consumers and governments. This has huge implications as lots of security and privacy concerns, which have not yet been properly addressed, while new ones are likely to emerge. Recent projections estimate 75.44 billion of connected devices by 2025, supporting all economic sectors (education, transport, energy, health and security). In this respect, threats and risks associated with IoT devices and systems can have huge economic and physical consequences. As the number of IoT devices grow, so does the number of attacks and threats associated with them. According to Gartner, over 25% of cyberattacks against businesses will be IoT-based by 20251. Mirai-like attacks highlight that weak security measures in the development, adoption and usage of IoT devices can have a tremendous impact, because for instance attackers can orchestrate a large set of devices to launch Distributed Denial of Service (DDoS) attacks with potentially tremendous consequences.

Considering the increased dependency on digital platforms, technologies and solutions for many aspects of our everyday life, including work, education, health care, etc., as also clearly highlighted during the recent pandemic, the need for effective cybersecurity mechanisms has become even more pressing. Incidents like ransomware, loss of electronic data, business interruption, disruption to public services, and cyber-extortion are not even sufficiently covered by current cybersecurity practices and will proliferate with the introduction of new digital technologies (IoT, AI, 5G, etc). Indeed, attacks are becoming more and more sophisticated, requiring reinforced cybersecurity competencies, as well as more sophisticated and effective mechanisms (based on a mix of advanced technologies, including Artificial Intelligence, Cyber Threat Intelligence, etc.) for detection and mitigation of attacks. Technologies like 5G will tend to further intensify cybersecurity issues, in particular in SMEs, an industry with reduced skills to manage the security of IoT systems that are crucial for their business. Their increased dependency on third party IT suppliers (e.g. cloud providers), and device manufacturers, puts in evidence the need for trust and secure solutions for future (and current) digital services powered by IoT systems.

The main outcomes from ARCADIAN-IoT are aimed at promoting a stronger, more innovative and more resilient European industry, offering an innovative, advanced, solid framework for trust, security and privacy management in IoT systems. The ARCADIAN-IoT project partners form a value chain that increases the potential of maximising the impact of the project outcomes and leads to direct exploitation, while transferring the scientific results and innovative produced technologies into their lines of business and to the extended market.

A special focus will be dedicated to the initiative on Next-Generation IoT and Edge Computing, which supports implementing the European Strategy for data across a compute continuum from Cloud to edge to IoT. Trust and Trustworthiness are integral parts of the strategy and are needed to accompany digitisation which will transform relations between stakeholders across sectoral value chains, but also across different sectors.2

To maximize the impact of ARCADIAN-IoT work, the dissemination and communication plan will put together from the very beginning a comprehensive and clearly structured impact creation strategy. To support this ambition, WP6 will lead a set of dedicated dissemination and communication actions, as well as targeted stakeholders' engagement initiatives, and targeted business exploitation and sustainability efforts, starting from the ARCADIAN-IoT Consortium, the planned use cases / demonstrators and the Consortium networks and liaisons.

2 DISSEMINATION AND COMMUNICATION STRATEGY AND PLAN

Efficient dissemination and communication actions during the ARCADIAN-IoT lifetime ensure short and long-term success of the project. Therefore, promotion, dissemination, stakeholder engagement and impact creation activities are central to the whole ARCADIAN-IoT effort and will be closely coordinated among the various WPs to create a cohesive plan of action for the effective engagement of all target stakeholders.

The ARCADIAN-IoT activities, including developed content, tools, actions and services, are geared towards the creation of socioeconomic impact in a multi-stakeholder and multi-disciplinary perspective. The following sections describe ARCADIAN-IoT's mission, overall communication and dissemination objectives, key stakeholders, communication phases and communication channels that will guide and streamline ARCADIAN-IoT communication and dissemination activities.

2.1 ARCADIAN-IoT mission

The ARCADIAN-IoT project aims to promote innovative, decentralized solutions for trust and identity management in IoT systems, by considering all the entities interacting with such systems, including persons, IoT devices (objects), and respective applications/services. The ARCADIAN-IoT will establish an innovative framework to foster market opportunities for IoT solutions providers.

The overall goal of ARCADIAN-IoT is to develop and make available an innovative, advanced, solid framework for trust, security and privacy management for IoT systems. The ARCADIAN-IoT framework will accelerate the development of IoT systems towards decentralized, transparent and user controllable privacy in three real use cases: Emergency and vigilance using drones and IoT; Monitoring of grid infrastructures; Medical IoT.

2.2 Dissemination and communication objectives

The main outcomes from ARCADIAN-IoT are aimed at promoting a stronger, more innovative and more resilient European industry, offering an innovative, advanced, solid framework for trust, security and privacy management in IoT systems.

The ARCADIAN-IoT project partners form a value chain that increases the potential of maximising the impact of the project outcomes and leads to direct exploitation, while transferring the scientific results and innovative produced technologies into their lines of business and to the extended market. To maximize the impact of ARCADIAN-IoT work, the consortium will develop and execute from the very beginning a comprehensive and clearly structured impact creation strategy.

To support this ambition, WP6 will lead a set of dedicated dissemination, communication, and community building actions, as well as targeted stakeholders' engagement initiatives, and targeted business exploitation and sustainability efforts, starting from the ARCADIAN-IoT Consortium, the planned use cases / demonstrators and the Consortium networks and liaisons. This translates to the following dissemination objectives:

- Ensure broad visibility and raise awareness about ARCADIAN-IoT, spreading knowledge project's results, establishing a recognizable identity that will support promotional and marketing efforts.
- Reach, stimulate and engage a critical mass of relevant stakeholders to ensure that project's results are effectively showcased, leading to validation, and further adoption of the devised technologies.

- Facilitate exploitation of the project's outcomes and promote the development of innovative solutions based on the ARCADIAN-IoT technologies and concepts.
- Support key players engagement strategy in the project activities, while promoting a great visibility on the project demonstrators and lessons learnt, that will lead to the creation of new business models and transfer of project outcomes to various application domains from the value chain.
- Foster impactful contribution to relevant scientific domains and standardization bodies, as appropriate and relevant to planned exploitation plans and the project's outcomes.
- Establish liaisons and ensure close collaboration with relevant initiatives in the industry and in the R&I domains targeting especially to the projects launched as results of the Horizon 2020 LEIT ICT, other similar initiatives, and projects being funded in SU-DS02-2020.

2.3 ARCADIAN-IoT target stakeholders

ARCADIAN-IoT will reach out to a large community of target stakeholders. The rationale beyond the identification of the ARCADIAN-IoT stakeholders related to the impact expected in such groups, with a first plan of engagement activities is detailed below:

Table 1: Targeted stakeholders and engagement activities

Target stakeholders	Rationale/Impact:	Dissemination planned activities:
Cybersecurity industry group • Industrial stakeholders, SMEs, start-ups and innovators involved in the design and implementation of security and privacy management.	Benefit from project related solutions and combined technologies and resources to minimize up-time-to-market for their applications and services – increased market visibility.	• Promote outputs (newsletters, social media, news, blogs, reports) and their possible uptake; • Engage in training sessions; • Invite to participate in project events and webinars
Related domains' industry group • Stakeholders from industry involved in IoT, ICS, AI and related tech.	Leverage the delivered results to create innovative solutions and new business models.	• Invite to participate in workshops; • Engage in events/workshops and exhibitions; • Targeted publications and online communication.
Research communities' group • Researchers from the industry and academia. Includes universities, engineering schools, research centres,	They perform state-of-the-art R&I and disseminate their efforts and results to the wider community. They aim at the continuation of the R&I results and they may exploit results in training activities. They are	• Invite to engage in workshops, webinars and Summer School; • Engage with selected relevant events; • Amplify knowledge transfer, through publications

Target stakeholders	Rationale/Impact:	Dissemination planned activities:
industrial R&D departments, etc.	direct contributors and facilitators (also in consortium) to the project outcomes.	repositories, participation in working groups; • Research publications and press releases.
H2020 projects group • H2020 LEIT ICT pilot projects (CONCORDIA, CyberSec4Europe, ECHO, SPARTA), similar ongoing projects in cybersecurity/ privacy, AI (AI4EU) and related domains, NGIoT	They will benefit from the project's outcomes, technical solutions and training activities, participation in joint events, exchange of knowledge, expansion of ecosystems and creating new synergies.	• Invite to participate in project events; • Co-organise networking/ training, showcasing & knowledge transfer events; • Targeted online communication and promotion.
Products and service providers group • Private companies, corporates, and technology & services providers. They develop, extend and provide innovative cybersecurity services.	Benefit from leverage upon the advanced project technological solutions and business models, liaise with innovators and the rest domain stakeholders.	• Invitation to participate in workshops and showcase events; • Engage at specific events/workshops and exhibitions; • Targeted publications and online communication.
Products and service users' group • CERTs/CIRTs and networks, any organisation with ICT systems.	They have or exploit ICT systems that require advanced security and privacy solutions. They can benefit from the project outcomes, training activities, new suggested business models and liaise and interact with related products and services providers.	• Invitation to participate in workshops and showcase events; • Engage at specific events/workshops and exhibitions; • Targeted publications and online communication.
Standardisation bodies initiatives group • Standardisation organisations, working groups, research groups, pre-standardisation groups, automated assessment frameworks working groups / initiatives.	They can solidify their efforts through the adoption and dissemination of the standards from the project, as well as further expand these standards with contributions from the project. They provide input to the project, as well as receive input and benefit from the project innovations.	• Invite to participate in the project events; • Engage with relevant events; • Promote knowledge transfer towards standardisation bodies and open source communities.

Target stakeholders	Rationale/Impact:	Dissemination planned activities:
Policy makers, regulators and public authorities, national and EU organisations group • Actors committed to support the development of the full economic potential of Europe, including European Commission and corresponding agencies, governmental and international ministries.	They establish regulations, policies and recommendations with which the various initiatives need to comply. They directly influence the research activities, and benefit from the fast, direct and expanded adoption of these guidelines, which also facilitate and strengthen international collaborations.	• Promote project outcomes in various forms; • Participation in dedicated policy events; • Amplify knowledge transfer (e.g. participate in policy debates, working groups).
Civil society group • Public, users, NGOs.	Inform for project advancements, best practices, outcomes, liaise with ARCADIAN-IoT stakeholders, awareness on social aspects of security and privacy and precisely of digital identity solutions, real use cases applications and services.	• Engage events/workshops and exhibitions; • Targeted publications and online communication; • Project results in various forms.

2.4 Communication phases

ARCADIAN-IoT activities will include offline and online communications, digital presence, participation in and organization of events, interaction with the other research and innovation projects in the domain, and liaisons with relevant stakeholders, as well as with other EU research and innovation initiatives. While the planned activities and their timing will be refined in the first months of the project, the core structure of the envisaged plan has been organised in 3 stages, outlined in the Figure 1.

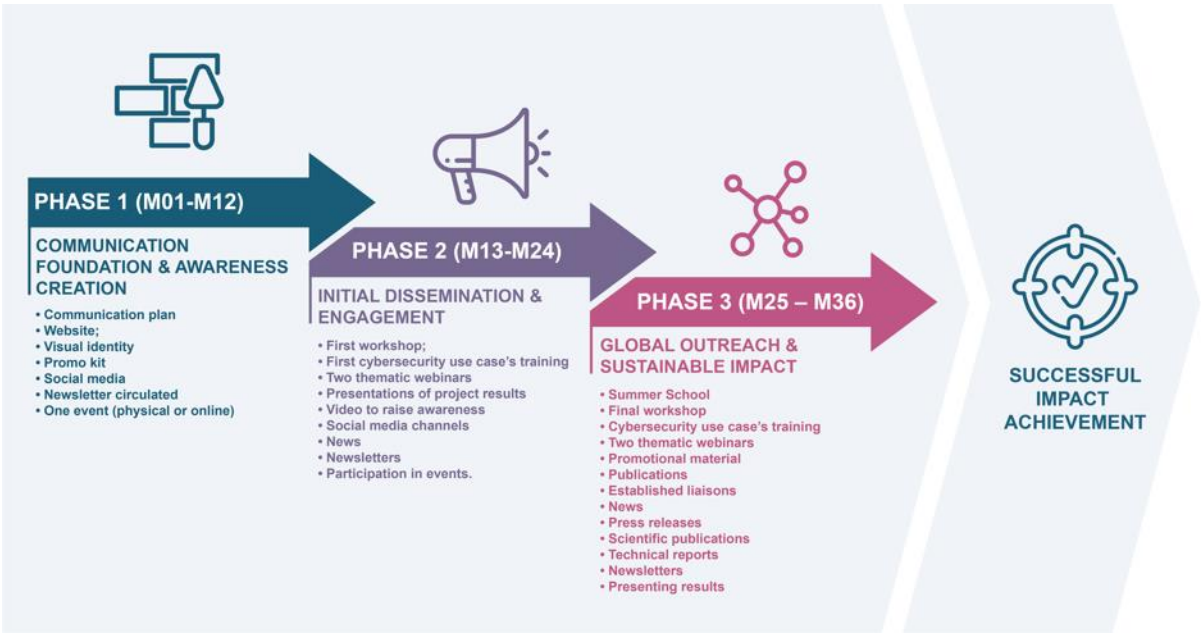


Figure 1: ARCADIAN-IoT Communication phases

Phase 1 - Communication Foundation & awareness creation (M01-M12)

During this phase, the scope of the communication strategy is to design the dissemination, communication and community building strategy and plan, including refinement and mapping of target groups and selection of dedicated communication tools and community building activities, and to inform all relevant stakeholders about the ARCADIAN-IoT scope and objectives.

This phase is also dedicated to defining the liaisons and interaction mechanisms with the rest of the domain entities and players, including relevant key stakeholders from the defined target groups.

Outcomes / measures:

- ARCADIAN-IoT web portal (www.arcadian-iot.eu) created and launched, including a calendar of relevant events;
- The current document (D6.1);
- Dedicated social media channels animated – ARCADIAN-IoT on Twitter and LinkedIn;
- The first ARCADIAN-IoT newsletter will be distributed in August 2021;
- Production of project visual identity and promo kit;
- Presentation of the project's concept in, at least, one event (physical or online).

Phase 2 - Initial dissemination & engagement (M13-M24)

During this phase, the scope is to actively reach out the target stakeholders to generate interest in ARCADIAN-IoT activities and outcomes and set a solid foundation for the planned dissemination activities. Stakeholders will also be reached out to provide support for the promotion of the project. Furthermore, the first series of three cybersecurity use cases' training will take place in T5.6.

ARCADIAN-IoT will identify a relevant event where to co-locate the first workshop and will organize the first two thematic webinars for wider audience engagement in T6.4 to create synergies and liaisons with relevant projects and initiatives.

Outcomes/Measures:

- Organization of first workshop;
- First series of cybersecurity use case's training;
- Two thematic webinars at M20, M24;
- Presentations of project results;
- A video to raise awareness;
- Animation of social media channels;
- News items in the project website and media;
- Newsletters;
- Participation in events.

Phase 3 - Global outreach & sustainable impact (M25-M36)

During this phase, the scope is to actively engage and support the adoption and deployment of the concepts and tools offered by ARCADIAN-IoT through dedicated promotional activities. This includes online publications, development and distribution of promo materials and deliverables. ARCADIAN-IoT will participate in events, organize one workshop collocated with a major event, organize the second series of three cybersecurity use cases' training (T5.6), and two thematic webinars to present the project's results to foster liaisons with relevant initiatives. Moreover, ARCADIAN-IoT will organize a Summer School to engage the research community.

Outcomes/Measures:

- Organization of Summer School;
- Final workshop organization;
- Second series of cybersecurity use case's training;
- Final two thematic webinars at M30, M36;
- Promotional material;
- Publications;
- Established liaisons;
- News items in the project website and media;
- Press releases;
- Scientific publications;
- Technical reports;
- Additional e-newsletters' editions;
- Presenting results and lessons learnt.

2.5 Engagement of ARCADIAN-IoT Advisory Board and Security Advisory Board

ARCADIAN-IoT Advisory Board (AB) and Security Advisory Board (SAB) is composed of world-renowned experts that will providing effective means to optimise and fine-tune the project development.

The AB is constituted by six experts:

- Prof. Dr. Kai Rannenberg, Goethe University Frankfurt;
- Prof. Dr. Emil Lupu, Imperial College London;
- Prof. Dr. Luis Gonçalves, is the head of CyberSecurity, IT Risk & Compliance at Banco de Portugal and Founder of Cloud Security Alliance Portugal;
- Prof. Dr. Elena Ferrari is a full professor of Computer Science at the University of Insubria, Italy;
- Cristian Patachia, Development & Innovation Manager for Orange;
- Dr. Cade Wells, CENSIS, the Innovation Centre for sensing;

The SAB is constituted by three experts:

- Arthur van der Wees, managing director of ALBV
- Rafael Aranha, Head of Cybersecurity for REN
- Cristian Patachia, Development & Innovation Manager for Orange;

As part of the Dissemination and communication strategy and plan, we plan to engage the AB and SAB members by producing interviews that will feature on the website and promoted on social media on the topics related to the project.

Moreover, they have been invited to send their brief biography and picture in order to present them on the ARCADIAN-IoT website.

2.6 Sustainable outreach approach

The ARCADIAN-IoT dissemination and communication strategy and plan considers the sustainability principles for the organisation of events and the production of communication materials. For this purpose, we will:

- Organise virtual meetings and workshops instead of face-to-face events
- Avoid using material resources where possible (avoiding printing flyers when unnecessary and promote the online download, producing promotional materials using recycled materials and avoiding single-use products, for example)
- Encourage the reduction of emissions through sustainable mobility practices (e.g., recommending bicycle use, public transport at ARCADIAN-IoT events and rewarding these actions)
- Work with suppliers (printers, caterers, etc.) that use sustainable products and materials
- Try to measure the carbon footprint and compensation of emissions of partners' traveling to dissemination events.

3 MEANS AND ACTIVITIES

3.1 Project's brand identity

As an EC funded Research and Innovation project, a clear project brand identity needs to be implemented in order to have an impact with the dissemination of respective work and achievements.

A brand identity allows you to recognize a consistent look and feel across all outlets (electronic and printed visual media). It defines how those who come into contact with the brand should perceive it and influences their opinion of the brand. The recognition and perception of a brand is highly influenced by its visual presentation. A project's visual identity is the overall look of its communications. Effective visual brand identity is achieved by the consistent use of particular visual elements to create distinction, such as specific fonts, colours, and graphic elements.

The visual identity and sets of guidelines have been finalised since the early stage of the project in order to secure a strong and unique brand. It will be incorporated in all promotional and dissemination materials produced during the project and will be used by all project partners in their communication activities.

The ARCADIAN-IoT logo (see Figure 2) is built with a graphic element on top and the name at the bottom. The illustration is an abstraction of a shield composed of elements related to computing. The font of the project's name is modern, very stable, well readable (even on small sizes) and the very slightly rounded aspect makes it to stand out and create a sense of security, which is an important aspect of the project.

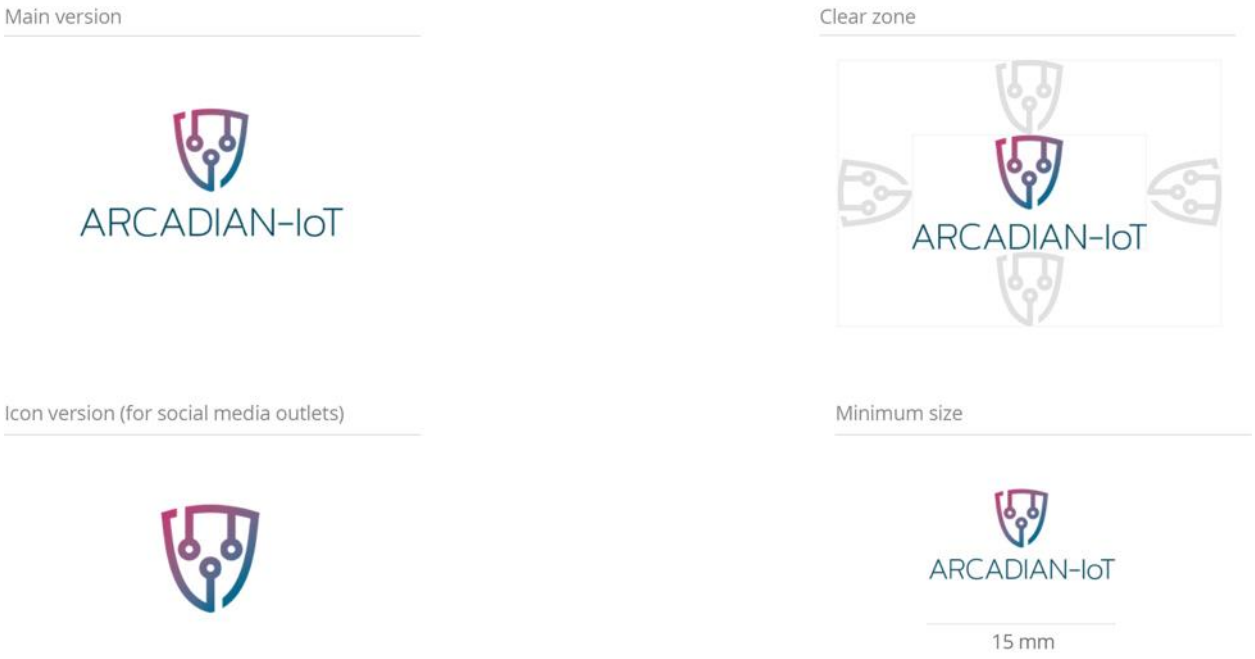


Figure 2: ARCADIAN-IoT logo

The main logo is also provided in the variations depicted here below, to allow readability over dark backgrounds or for black and white printing purposes.

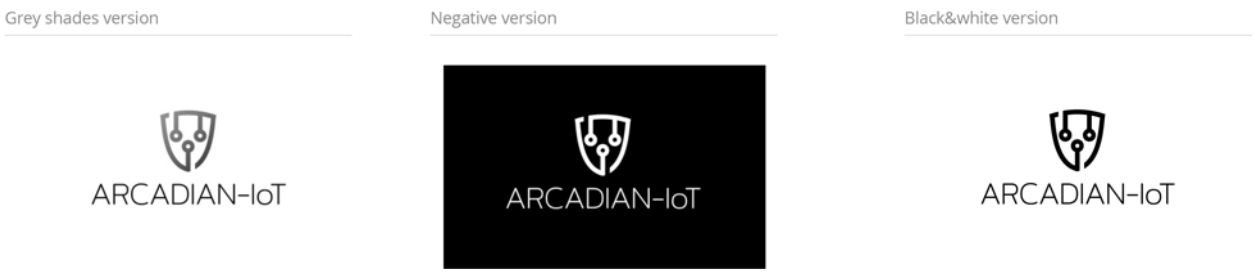


Figure 3: ARCADIAN-IoT logo over dark backgrounds or for black and white printing purposes

The guidelines of the brand identity are composed of visual elements such as the fonts, colour palette and templates for documents and presentations. The main palette of the corporate colours is composed of two colours based on the logo colour scheme plus a third complementary colour, very bright to highlight elements. Two more complementary greyscale colours complete the full ARCADIAN-IoT colour palette.

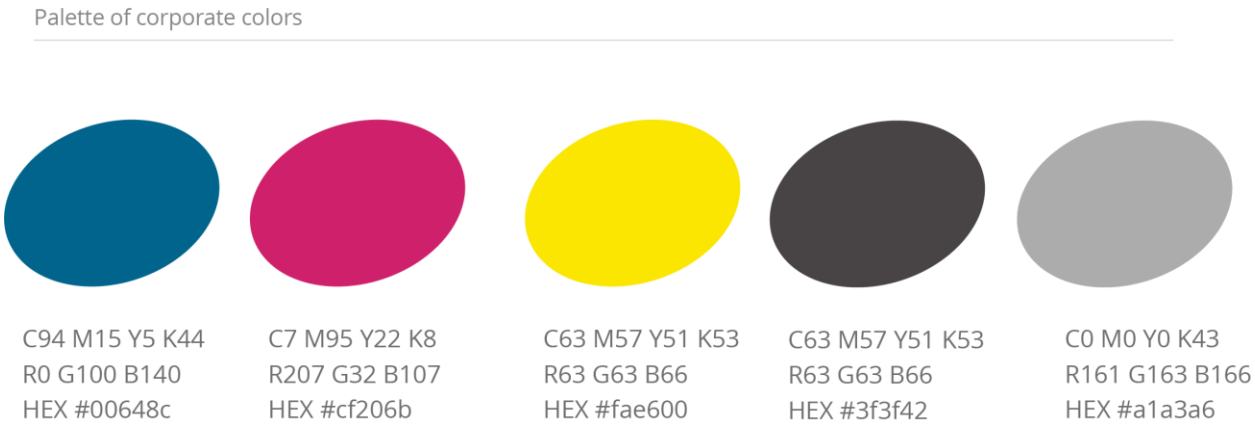


Figure 4: ARCADIAN-IoT palette of corporate colors

A general “brand guidelines” document has been developed and distributed to the partners since the beginning of the project to ensure a consistent look and feel in all of ARCADIAN-IoT’s communication activities. This is the base of a solid identity and facilitates the recognition of ARCADIAN-IoT wherever is presented. All dissemination materials refer to the project name, the project's website and Horizon 2020 with associated graphic elements in line with the European Commission’s guidelines.

A **PowerPoint presentation template** was created to be used by the partners to create their presentations for all external and internal events, meetings, etc., based on a common look and feel. The Appendix A gives an impression of the template.

ARCADIAN-IoT also established a strong liaison with NGIoT initiative, which as the umbrella initiative aims to create a solid group of projects with a strong link among them. ARCADIAN-IoT features on www.ngiot.eu portal, has access to all the communication managers from NGIoT projects and takes advantage of the NGIoT communication platforms (Twitter, Linkedin groups).

All ARCADIAN-IoT Dissemination & Communication materials (e.g. flyers, posters, brochures, videos, etc) will show the NGIoT acknowledgement, as well as on the website, documents, presentations and deliverables.

Figure 5: Next Generation IoT logo for acknowledgement

EC acknowledgement

As an EC funded projects, ARCADIAN-IoT will clearly show the acknowledgement to the EC fund in all Dissemination & Communication materials (e.g., flyers, posters, brochures, video, website, etc). Below you will find examples of the elements to show in different positions.

Figure 6: EC acknowledgement

3.2 Online tools and channels

3.2.1 Project website

The ARCADIAN-IoT project website (see Figure 6) is a fully functional website that contains comprehensive information on the ARCADIAN-IoT aims and objectives with easy access and a friendly interface to retrieve information and any public material generated within the project, as well as materials gathered via the various work packages activities about ongoing projects and relevant initiatives.

The ARCADIAN-IoT website is the entrance point for the public and stakeholders (existing and newcomers) to the activities, services, material and information that ARCADIAN-IoT is planning to create, collect and share. Web design experts within the project consortium conceived its design and structure to promote the outcomes to the relevant target groups. The design of the website, developed on the Wordpress platform, is strongly brand-oriented to consolidate the image of the ARCADIAN-IoT identity.

The dissemination material produced within the project and for the interaction with social networks will use the website as a reference, in order to have a consistent communication and an easy-to-recognise image/brand. To support multimodal access, it adopts responsive design principles aimed at providing an optimal viewing experience: the interface adapts the layout to the viewing environment by using fluid, proportion-based grids. A first release of the website was publicly accessible since the first month of the project at www.arcadian-iot.eu. Further updates will be promptly applied as necessary.

Figure 7: The ARCADIAN-IoT website with the responsive design

As shown in Figure 6, the project website's is a clear and clean communication interface that is easily navigable, containing all relevant project related public information. The website displays information about partners, work in progress, established liaisons and members of the community, relevant events, available deliverables, white papers, newsletters and online publications. A dedicated area of the website will present the tools, trial and showcase activities and project's results. The site includes the ARCADIAN-IoT logo and the EU flag with the respective message and is structured into the following sections:

- **About:** This section provides information on ARCADIAN-IoT's vision & strategy, the consortium members and the Advisory Board and Security Advisory Board.

- **News:** This section includes ARCADIAN-IoT news items, and the Newsletters sent by the project.
- **Events:** This page includes information on forthcoming events as well as past events, organised by the project or where project partners will have a relevant participation (e.g. keynote speech).
- **Resources:** Contains all ARCADIAN-IoT publications, deliverables, presentations, press releases, promotional materials and videos.
- **Contact:** This page allows visitors to directly contact the project through a dedicated form, it includes links to ARCADIAN-IoT's social media channels and for subscription to the newsletter.

Content production for the ARCADIAN-IoT website

Beside regular news and updated on the project status, the partners responsible for the dissemination and communication tasks will ask for regular content from the other partners. In addition, every two weeks ARCADIAN-IoT should write a blog post describing the work carried on, new technologies relevant to the project and the expected outcomes. As one of the main dissemination channels and dynamic tools, the website will continuously be updated throughout the lifetime of the project.

Messages sent via the contact form are forwarded to social@arcadian-iot.eu, which is forwarded to the concerned project partners, who receive the message and respond to it. It should be noted that all information and e-mails collected are protected under GDPR. Contacts will only be made to those who have submitted their inquiries and newsletters will only be sent out to those who have explicitly requested to receive them. Any person who has subscribed will be allowed to remove their e-mail upon request.

3.2.2 ARCADIAN-IoT social media channels

Various social networks were established as communication tools in order to promote activities and outputs of the project on a regular basis, while also encouraging a wider discussion on the topics related to the project's activities. So far, ARCADIAN-IoT created an active presence on the most popular social media channels, such as Twitter and LinkedIn, which are linked to the project's website. The YouTube channel will be open as soon as the first video is released (planned for Phase 2).

Below we present a brief overview of the social media channels created for ARCADIAN-IoT.

LinkedIn

The **ARCADIAN-IoT LinkedIn page** (https://www.linkedin.com/company/arcadian-iot/) allows reaching a professional audience with more elaborated news and/or specific events highlights. The page was established in April 2021, ahead of the project's start and has at the time of writing (July 2021) 23 followers.

ARCADIAN-IoT also contributes to the **NGIoT LinkedIn Group "Next Generation Internet of Things"** (https://www.linkedin.com/groups/8774065/) that and has 141 members (July 2021) and allows the publication (and moderation) of contents of multiple players. It is very active and allows multiple voices and contributions. Group members may publish the news directly in the LinkedIn group, which aims to attract professionals and industry players and invites group members to publish their own updates and open interesting subjects, relevant for the whole community. It is also a push-pull medium as LinkedIn automatically delivers the group's news to the members email accounts upon posting. We intend to engage all the project partners in the dialogue on this platform, while promoting the ARCADIAN-IoT initiatives across LinkedIn relevant groups, with a

direct link to the ARACDIAN-IoT page and NGI-IoT group, to further increase this social media audience and diversify the group's user base, engaging more vertical representatives/managers.

Figure 8: ARCADIAN-IoT LinkedIn page

Twitter

ARCADIAN_IoT has established its Twitter account @ArcadianIoT already in April 2019 and since then has used the social medium to inform and engage the relevant audience and create awareness about the start of the project. This was achieved by gathering quotes form all the partners ahead of the Kick-off meeting.

As a Horizon 2020 project, ARCADIAN-IoT follows the official Twitter account of the Horizon 2020 programme @HorizonEU thus becoming a part of the community of H2020 projects on social media. Following the guidelines received from the EC we intend to use a hashtag #ResearchImpactEU and tag @HorizonEU, @EU_Commission, @NGIoT whenever announcing important news which clearly show the real impact of our research. Moreover, relevant hashtags, such as #H2020, #DigitalEU, #horizoneurope, #Digitaltransformation, #AI are included in the posts to widen the visibility of the project's communication. Other hashtags and accounts are frequently used according to the content of the posts, together with hashtags relevant to the project partners´ organisations and representatives, hashtags of initiatives and events related to the project and the content, accounts of important participants in events, accounts of the Project Officer of the EC, and more.

The Twitter account is used for promoting and disseminating the development of ARCADIAN-IoT, including news, events, outcomes, etc. Moreover, re-tweets are made of relevant and interesting content from disparate sources. After the first month of the project, ARCADIAN-IoT has 28 followers, has posted 10 tweets and retweets several more. It follows 20 relevant accounts.

Table 2: ARCADIAN-IoT partners' social media handles

PARTNER	SOCIAL MEDIA ACCOUNTS	
	Twitter	LinkedIn
Instituto Pedro Nunes (IPN)	@IPNunes	@Instituto Pedro Nunes
Atos IT Solutions and Services Iberia	@AtosES	@Atos
BOX2M Engineering (BOX2M)	-----	@BOX2M

Studio Legale E-Lex	@ELex_it	@E-Lex Studio Legale
Load	@loaddigital	@LOAD
Martel	@Martel_Innovate	@Martel Innovate
RGB Medical Devices	------	@RGB Medical Devices S.A.
RISE	@RISEsweden	@RISE Research Institutes of Sweden
Truphone	@Truphone	@Truphone
Clínica Universidad de Navarra	@ClinicaNavarra	-----
University of the West of Scotland	@UniWestScotland	@University of the West of Scotland
XLAB	@xlab_si	@XLAB

Figure 9: ARCADIAN-IoT Twitter page

Other social media channels

A Facebook account was not created as it is less valuable in terms of reach. The profile of Facebook users and its interactions, in fact, are less professional/research driven and less in line with the ARCADIAN-IoT communication targets and ambition.

The YouTube channel will be open as soon as the first video is released (planned for Phase 2).

3.2.3 The ARCADIAN-IoT newsletter

Regular updates about the project's activities and work will be pushed out via a dedicated news

channel hosted in the ARCADIAN-IoT website. A dedicated newsletter will be issued every 4 months and shorter newsflashes on a monthly basis to promote highlights. The newsletters will also contain information regarding the upcoming tasks and events in an attempt to inform the audience on how they can get in touch with the project and the connected initiatives. As such, a typical e-newsletter of the project contains highlights (major outcomes, links, contacts, and dissemination activities), the most important news, announcements and a schedule of the major upcoming events. Project partners will provide information for the e-newsletter and ensure that the content is accurate. All the e-newsletter issues will be uploaded on the project website. A mailing list is being created at the moment, based on subscription, giving the possibility to share the e-newsletter via mass mailing as well to inform interested users about project news, achievements and planning of events. ARCADIAN-IoT uses a European-based solution, GDPR-compliant with a double opt-in feature. A registration functionality allowing the interested visitors to subscribe to the newsletter is already available on the ARCADIAN-IoT website.

The first issue of the newsletter is scheduled for August 2021.

3.2.4 Publications

Significant project developments, news and announcements, white papers, but also articles introducing ARCADIAN-IoT will be published on third-party portals, including professional and specialised platforms, publications, Cordis, relevant thematic blogs and collaboration platforms, partners' websites, as well as through several freely accessible tools. Some of the people involved in this project have an academic background and have published several publications, in national and international publications.

For scientific publications, ARCADIAN-IoT project will guarantee 'green' open access (self-archiving) for scientific publications, granting free internet access to the submitted version of the research articles and full access to the published articles after any embargo period.

Table 3: Dissemination targets for publications

Scientific papers in peer-reviewed magazines/journals
IEEE Transactions on Network and Service Management (TNSM)
IEEE Journal on Selected Areas in Communications (JSAC)
IEEE Transactions on Services Computing (TSC)
IEEE Transactions on Cloud Computing (TCC)
IEEE Security & Privacy
Springer Security Journal
Elsevier Computers & Security
European Journal of International Security
Security and Communication Networks
IEEE Communications Magazine
IEEE Internet of Things

In addition, each ARCADIAN-IoT partner will identify target conferences/workshops for publication purposes. Some potential target venues are included in Table 4 from section 3.3.2.

3.2.5 Press releases

Press releases will be developed to coincide with key project achievements (e.g. organisation of a large event, implementation of key activities within the project, etc.). Press releases will be published in national and European media, thus contributing to the wider dissemination of the project. All partners will be responsible for engaging with their local media outlets to ensure a wider reach of the press release. All press releases will be published on the project's website.

The first press release was published on 20 May 2021 and was related to the launch of the project. It was released at European level, with a special focus on the consortium partner's countries (Portugal, Spain, Slovenia, Romania, United Kingdom, Sweden, Italy, Switzerland). There were eight articles published in the media. An extensive report on the coverage of the first release can be found in the Appendix A.

Media relations will include but not be limited to European traditional and online general media as well as specialised press related to the Internet of Things specifically and technology in general.

3.2.6 ARCADIAN-IoT webinars

Throughout the whole project's duration, participation and organization of events in the form of webinars, sessions, workshops, demos, exhibitions, expert panels' discussions, etc., will play a crucial role. ARCADIAN-IoT envisages to organize four webinars in M20, M24, M30 and M36 on selected topics and engaging key experts from the domain, a 2-3 day Summer School (organised by RISE in their CyberRange training centre) for the demonstration of the implemented use cases and presentation of their assessment results, pursuing co-location with major domain related events and coordination on this with related national and international initiatives and the organisation of a final event demonstrating the project technical outcomes and supporting proper training activities. WP6 will orchestrate a set of training activities, presenting the results validating the concepts and technologies.

3.3 Offline tools and channels

3.3.1 ARCADIAN-IoT promotional materials

A comprehensive set of communication and promotional mechanisms and tools will be established early on to properly support all the impact creation activities, tailored to the specific ARCADIAN-IoT objectives and targeted stakeholders.

Promo materials, both online and offline, will be produced for communication and dissemination purposes, presenting the project and its achievements, e.g. slides, posters, roll-ups, press releases, news, flyers, multimedia content, videos, photo galleries and giveaways.

3.3.2 Events

ARCADIAN-IoT events

ARCADIAN-IoT plans the organisation of a series of events towards showcasing in a broad audience the project solutions and use cases. To achieve the envisioned KPIs this task will set dedicated activities to:

- Four thematic webinars: organized in the form of webinars to work as training online sessions on trust, privacy, security topics to facilitate knowledge transfer and engagement of target stakeholders towards security awareness and a more responsible culture. The consortium will prepare and provide proper training material and will invite key Experts (e.g. members of AB, or from other H2020 projects) in the field.
- Demonstrations at external events: partners plan to showcase the project results in flagship events and exhibitions of the relevant industry domains, organising booth presence.
- Organization of two workshops co-located with major events, one workshop in Y2 and one workshop in Y3.
- Organisation of the Summer School during Y3, targeting researchers and senior students with experience and interest in security and privacy with focus on the distributed trust management and digital identity domains.

Technology / engagement events:

The Consortium has already identified some key events to participate towards awareness, promotion and attraction of stakeholders.

Table 4: Conferences/Workshops

Conferences/Workshops
Usenix Security, IEEE Euro S&P, Emerging Issues in International Security, European Security Course, IFSEC International, European Space Conference, Cyber Security & Cloud Expo Global, World Conference on Cyber Security and Ethical, ICS Cyber Security Conference, International Cyber Security Forum, IEEE World Forum on the Internet of Things, IEEE International Conference on Communications, IEEE Global Communications Conference, annual congresses of the following organizations: ISIORT, ESTRO, ASTRO, PTCOG, ECCO, SIOP, RSNA, ALATRO, JASTRO.

Table 5: Liaised initiatives' events

Liaised initiatives' events
EuCNC, NGI Forum, IoT Week, ETSI IoT week, Digital Assembly, ICT Proposers' Days, ICT 2020, AIOTI events, DIHs in workshops, EC relevant events, IoT Tech Expo Europe, Internet of Things World Europe, Artificial Intelligence & Big Data Conference, Internet of Manufacturing, International Conference on Internet of Things, Big Data and Security conference, Mobile World Congress

In the first year of the project, there are several events that the partners have identified and where they intend to present ARCADIAN-IoT.

Table 6: Events in the first year of the project

Event	Partner(s) participating
Tutorial - Trusted Service Function Chaining for Mission Critical Services, ISCC Conference September, 2021	IPN (UC), tutorial presenting the view of ARCADIAN-IoT towards attestation and reputation systems to enable mission critical services.
Workshop - Security, Privacy and Trust for Wearable Devices	RISE (Shahid Raza).

3.3.3 Communication recovery plan in times of COVID-19

The current COVID-19 outbreak brings about opportunities and challenges for the community building and communication activities of ARCADIAN-IoT. ARCADIAN-IoT has rapidly taken up the challenges responding to ensure that project outcomes will not be significantly affected by event cancellations due to COVID-19. Face-to-face partners meetings and events might be organised as virtual events, as done, for instance with the kick-off meeting.

The consortium has already in place the tools, methodology and experience to turn large physical events (forums, conferences) and small gatherings (e.g. workshops) into digital events streamed live both on desktops and mobile devices. We have successfully conducted online events already, using video and/or audioconferencing tools (e.g. Zoom) along with interactive methodologies to engage remotely the audience with instant polls, fireside chats, questions to the moderators (e.g. Sli.do). Before and during the events' breaks (e.g. coffee breaks), participants will be able, through dedicated online matchmaking platforms, to network, share their interests and set-up one-to-one mobile chats. We will explore three-dimensional workshops, leveraging on AR and VR technologies, for specific audiences/events. The backup plan is therefore reliable and tested in case events and traveling become unfeasible, due to constraints brought by COVID-19 pandemic.

The ARCADIAN-IoT consortium closely monitors the current COVID-19 situation, trying to anticipate early on the next steps that need to be taken.

4 SYNERGIES AND INTERACTION WITH EXTERNAL INITIATIVES

Dedicated efforts will focus on the establishment of partnerships with relevant ongoing initiatives and networks, engaging key players from all groups of the defined stakeholders across the relevant domains of security and privacy, trust management, digital identity, etc. The ambition is to ensure awareness creation and engagement of target stakeholders into the uptake of ARCADIAN-IoT technologies and concepts. A special focus will be given to H2020 ongoing projects like the ones under the H2020-SUICT-2018 Call.

As appropriate, the partners are planning to participate in key/flagship events presenting the project results and networking and invite representatives of such players to the workshops and events being organised by the project.

Thanks to participation of many partners to several ongoing projects, associations, initiatives and networks, targeted liaisons and synergies will be fostered to ensure ARCADIAN-IoT's broad outreach, fostering effective ARCADIAN-IoT uptake and validation. These initiatives and organisations will constitute the basis of the broader ARCADIAN-IoT ecosystem. ARCADIAN-IoT will build synergies starting early in the project and throughout the entire implementation, following the designed dissemination and communication strategy and plan, taking advantage from partners memberships to and synergies.

Table 7: Projects working in similar research domains - Taxonomy Tool (1 of 2)

Knowledge Domains	Sectoral Dimensions
Assurance, Audit and Certification	Audiovisual and Media
Cryptology (Cryptography and Cryptanalysis)	Health
Data Security and Privacy	Chemical
Education and Training	Manufacturing and Supply Chain
Incident Handling and Digital Forensics	Defence
Human aspects	Nuclear
Identity Management	Digital Services and Platforms
Security Management and Governance	Safety and Security
Network and Distributed Systems	Energy
Software and Hardware Security Engineering	Space
Security Measurements	Financial
Legal aspects	Telecomm Infrastructure
Theoretical Foundations	Food and Drink Industry
Trust Management and Accountability	Transportation
Steganography, Steganalysis and Watermarking	Government

Table 8: Projects working in similar research domains - Taxonomy Tool (2 of 2)

Technologies and Use Cases
Artificial intelligence
Big Data
Industrial IoT and Control Systems (e.g. SCADA and Cyber Physical Systems CPS)
Information Systems
Blockchain and Distributed Ledger Technology (DLT)
Internet of Things, embedded systems, pervasive systems
Cloud, Edge and Virtualisation
Mobile Devices
Critical Infrastructure Protection
Operating Systems
Protection of public spaces
Quantum Technologies (e.g. computing and communication)
Disaster resilience and crisis management
Robotics
Fight against crime and terrorism
Satellite systems and applications
Border and external security
Vehicular Systems (e.g. autonomous vehicles)
Local/wide area observation and surveillance
UAV (unmanned aerial vehicles)
Hardware technology (RFID, chips, sensors, networking, etc.)
High performance computing (HPC
Human Machine Interface (HMI)

Table 9: Liaisons with other initiatives

Initiatives	Partner responsible for liaison
5G PPP	Martel
AIOTI	Martel
Big Data Value Association (BDVA)	Martel
CONCORDIA	RISE
European Cyber Security Organisation (ECSO)	RISE
FENTEC	ATOS
KRAKEN	ATOS
LIGHTest	ATOS
Next Generation Internet (NGI)	Martel
Next Generation Internet of Things (NGIoT)	Martel
nIoVe	RISE
Standardisation bodies like, TCG, TC CYBER, CSCG, IETF, ETSI, ITU, UNE	RISE

Other initiatives for potential collaborations are: Alliance for Internet of Things Innovation (AIOTI), ANASTACIA, Big Data, C4IioT, Connected Europe, CYBER TRUST, CyberSec4Europe, Cybersecurity PPP, Digital Transformation Initiative (DTI), ECS PPP, ENISA, EPOSS, ESA, European AI Alliance, European Data Initiative (EDI), Factories of the Future PPPs, OLYMPUS, PANORAMIX, PDP4E, PRIVACY FLAG, REASSURE, SHARCS, SMESEC, SNS, SPHINX.

The collaboration with these initiatives will happen on several levels including, but not limited to:

- Co-organisation of events
- Exchange of information related to project achievements
- Mutual promotion: dissemination and communication using social media and online
- presence tools
- Interviews with key stakeholders
- Invitation for participation in ARACDIAN-IoT events, and vice versa
- Collaboration on other publications.

5 DISSEMINATION AND COMMUNICATION IMPACT ASSESSMENT

By implementing the ARCADIAN-IoT Dissemination and communication plan and strategy we expect to communicate certain relevant knowledge and outcomes to each of the target groups, as well as to attract their interest and generate engagement that will influence the overall impact of the project. The complete set of communication and dissemination activities will be closely monitored and evaluated by the WP6 lead in order to keep track of all ongoing activities. The Outreach activities report (M12, M24, M36) will document all the related conducted activities.

The evaluation of the communication strategy uses a set of metrics that will be used to monitor and assess the progress of the communication activities and measure their impact by WP6, as summarized in Table 8. This will allow corrective measures to be taken and enforced, whenever needed – notice this list might be enriched at project run-time. Process evaluation will involve examining the progress of the strategy's implementation and will refer to an outreach activity that is quantifiable through the attendance of persons present from the audiences, number of events participated in, the development and dissemination of messages and materials, media presence and traffic created in social media.

There are various key issues associated with measuring and controlling the outreach and impact creation strategy and plan. Achievement is often more difficult to measure and compare, and thus needs to be carefully quantified and measured according to the specific type of action involved. The objectives chosen must be realistic, clearly defined, relevant, and coherent; the means of measurement must be objective, clearly defined and quantified, and the measurement process must not involve significant levels of cost relative to the objectives themselves. The evaluation needs to be continuous or incremental as much as possible, in particular for non-repetitive actions. Finally, the measurement of different actions must allow some degree of comparison with other actions and/or alternatives.

In full accordance with the ARCADIAN-IoT needs, we take on a five-step measurement cycle model, spanning from objective identification to data driven optimisation:

- We identify our core objectives (e.g., raise awareness, increase engagement – i.e., acquire more contacts, acquire more participants to our events).
- We set goals for our promotional tactics. We concentrate on how to accomplish our objectives (e.g., inform visitors through the content of our website, intensify events promotion, etc.).
- We identify our Key Performance Indicators (KPIs) – the metrics that play a crucial role to the success of the aforementioned utilized tactics and set the expected achievable targets.
- We measure the progress and impact of the conducted activities based on these metrics on a regular basis. Such metrics will allow us to have a constant view of the amount and the effectiveness of the dissemination activities conducted.
- We adjust and optimise the communication strategy towards achieving the expected
- outcomes and maximising visibility.

The tools, products and activities outlined in this strategy will be monitored, measured, evaluated and realigned on an ongoing basis.

*Table 10: ARCADIAN-IoT Communication, dissemination KPIs (*by the end of project)*

Measure	Indicators and Target (M36)	Source and methodology	RESULTS AT M03
Flyers Posters / roll-ups	*Nº of flyers *:* 6 *Nº of posters/roll-ups *:* 4	Distribution via participation to and organization of dedicated events. Distribution via the project website	Nothing to report
Project Website	*Nº of unique visitors to the website:* 1500 (average per year)	News, Publications, Videos, Newsletters, Deliverables	1990
Social Networks	*Nº followers on Twitter:* 300 *Nº followers on LinkedIn:* 200 *Nº of views on YouTube:* 300	Keeping ARCADIAN-IoT profiles on such networks active via regular posting and monitoring	*Nº followers on Twitter:* 28 *Nº followers on LinkedIn:* 23
Press Releases* / publication in press*	*Nº of press releases issued to specialized and general media channels:* 6	Press kit with detailed press releases, videos, publishable images, flyers	1
Videos	*Nº of videos published on the project website and social media:* 3 videos per year *Average number of views:* 60 views /video	Introduction and informative videos and interviews to support awareness creation, stakeholders' engagement and 3rd party projects promotion	Nothing to report
Participation to events and presentations	*Nº of external events partners attended to promote the project, including scientific conferences, and number of demos and or presentations:* at least 4 events per year	Attendance proof, presented material, photos, animation of social media channels, events' reports	Nothing to report
Workshops (2 *)	*Average Nº of participants:* At least 30 participants each	Attendance proof, video-streaming, presented material, photos, animation of social media, events' reports	Nothing to report

Measure	Indicators and Target (M36)	Source and methodology	RESULTS AT M03
Cybersecurity Training (6*, 2 per use case)	*Average Nº of participants:* At least 20 participants each	Attendance proof, video-streaming, presented material, photos, animation of social media, events' reports	Nothing to report
4 thematic webinars in (M20,24,30,36)	*Average Nº of participants:* At least 50	Attendance proof, video-streaming, presented material, photos, animation of social media, events' reports	Nothing to report
Scientific publications	*Nº of peer-reviewed publications in journals:* At least 10. *Nº of peer-reviewed publications in conferences and workshops:* At least 14	Accepted publications to the targeted journals, conferences, workshops and publication to the project website	Nothing to report
Newsletters	*Nº of newsletters:* 9 (every 4 months)	Publication to the website and distribution to the registered visitors	Nothing to report
Summer School (1*, M32-M36).	*Nº of participants:* At least 25 participants	Attendance proof, presented material, photos, animation of social media, events' reports	Nothing to report

Table 11: ARCADIAN-IoT Communication Deliverables

No	Deliverable name	Lead	Type	Level	Delivery date (in months)	Status at M03
D6.1	Dissemination and communication strategy and plan	MAR	PU	R	M03	Current document
D6.4.x	Outreach activities report	MAR	PU	R	M12,24,36	Planned

6 CONCLUSIONS

This deliverable presents the ARCADIAN-IoT Dissemination and communication plan and strategy providing guidelines and a consistent framework for all planned activities to disseminate and sustain the concepts, achievements, as well as certain relevant knowledge and relevant selected outcomes within the project.

Dissemination, communication and engagement activities are essential to the achievement of the ARCADIAN-IoT mission and objectives, having possibly a positive impact on companies and individuals that develop, deploy, transform and/or use IoT devices, as well as planned research and innovations priorities and investments. It will be a coordinated and cooperative effort throughout the project's lifetime and integrated within all its work packages.

The present plan illustrates in clear terms the rationale behind the strategy and clarifies all dimensions and tools necessary to communicate the core messages of the project in a very effective and comprehensive way.

Various activities will be realized throughout the project's lifetime in order to help ARCADIAN-IoT achieve its purpose. Promotion of the project online and via participation in events, organisation of webinars, writing of news, producing high-quality promotional material as well as collaboration with other projects and relevant initiatives are essential planned activities.

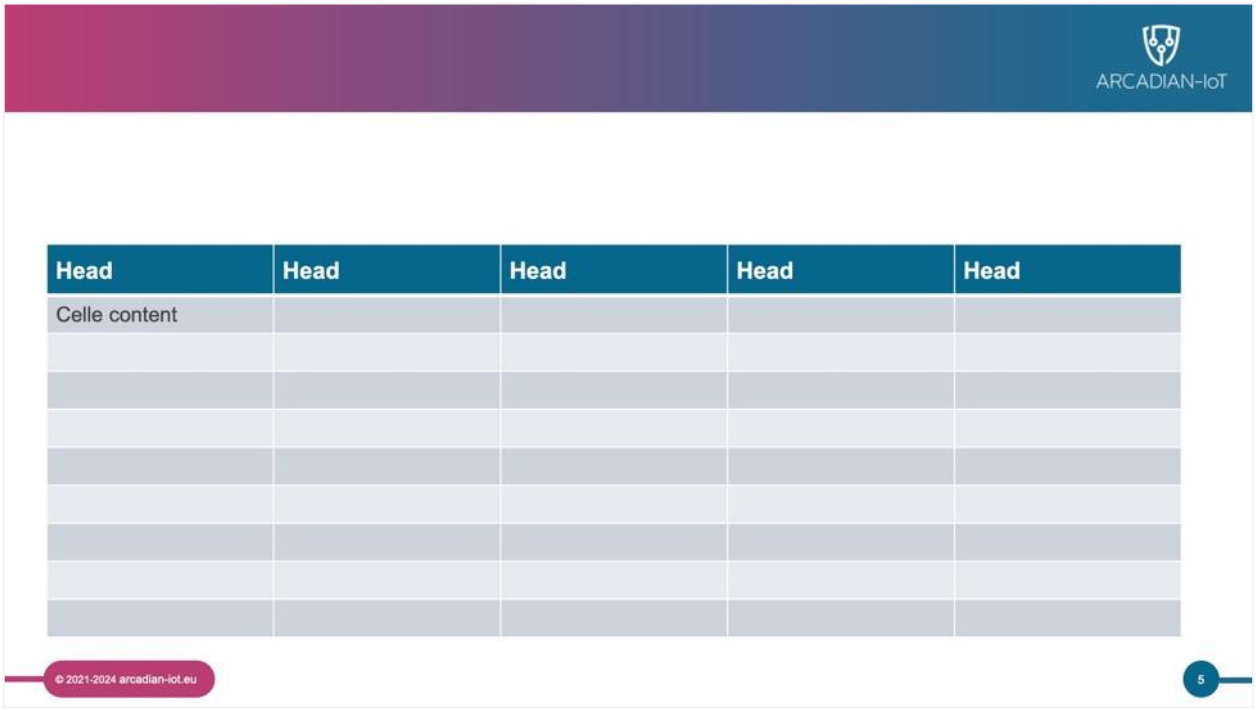
The current report will act as a handbook for every project partner in order to perform their dissemination activities, as it lists all stakeholders, communication channels, dissemination activities and corresponding key performance indicators. It also addresses the European Commission that will be an essential partner in the realisation of this plan.

In order to measure the achieved progress and impacts of the proposed strategy and plan, a monitoring and evaluation framework has been defined and a number of indicators have been recognised and reported. Knowing that some activities might be impacted by the COVID-19 crisis even further, close coordination with the EC will be pursued so as any corrective measure might agilely be put in place.

APPENDIX A

ARCADIAN-IoT PowerPoint Template:


THIS IS A TEST OF A SECTION TITLE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IPN INSTITUTO PEDRO NUNES
Atos
e-lex STUDIO LEGALE
load
MARTEL innovate
RGB medical devices
RI.SE Research Institutes of Sweden
Box2Sky.COM
TRUPHONE
Clínica Universidad de Navarra
UNIVERSITY OF THE WEST of SCOTLAND UWS
XLAB
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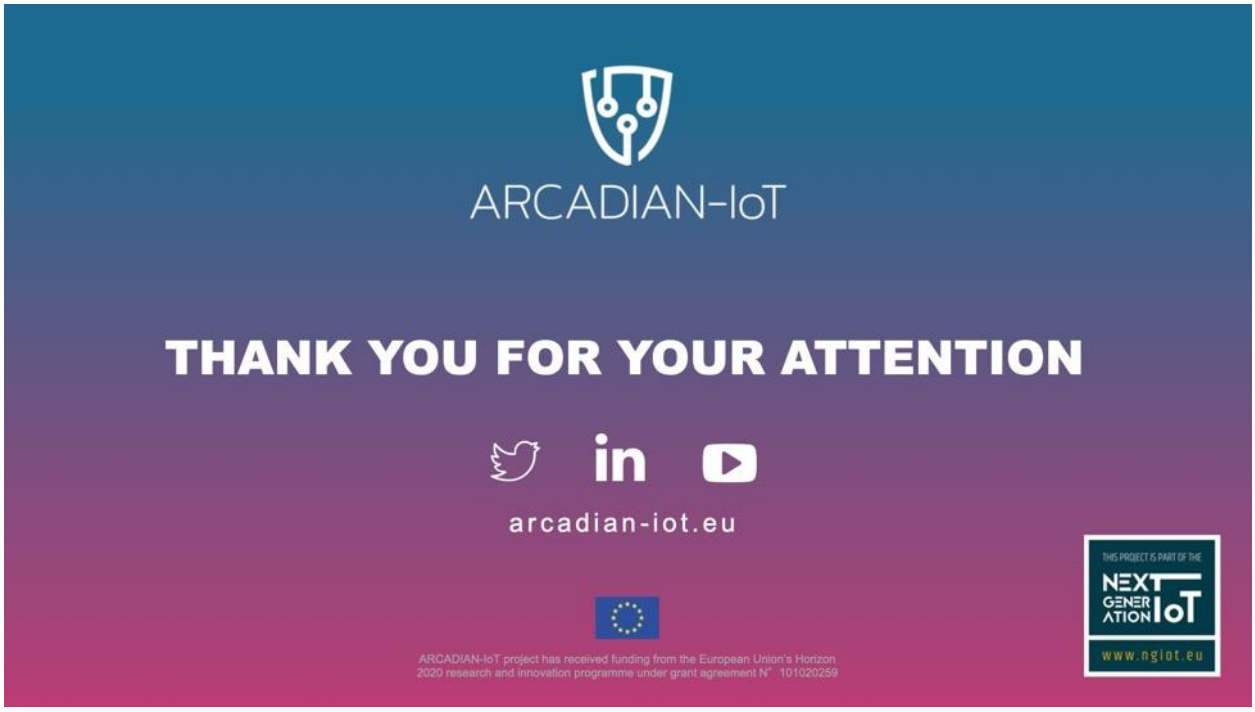
ARCADIAN-IoT
THANK YOU FOR YOUR ATTENTION
arcadian-iot.eu
ARCADIAN-IoT project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 101020259
THIS PROJECT IS PART OF THE NEXT GENERATION IoT
www.ngiot.eu

Media coverage for ARCADIAN-IoT:

Security Magazine
PT | Jun 25 • 11:22 AM

ARCADIAN-IoT: foco na segurança da IoT

O projecto ARCADIAN-IoT começou oficialmente a 12 de Maio com uma reunião de lançamento, reunindo na mesma mesa virtual todos os parceiros ....

e a segurança nos seus negócios com as soluções de **ARCADIAN-IoT**. O consórcio **ARCADIAN-IoT** é coordenado pelo Instituto Pedro Nunes (IPN) em

ARCADIAN-IoT

4.17k Reach

Positive

Casadomo.com
ES | May 26 • 2:00 AM

El proyecto Arcadian-IoT creará un marco para la privacidad, confianza y seguridad en los sistemas IoT

El proyecto europeo Arcadian-IoT tiene como objetivo desarrollar y poner a disposición un marco innovador y avanzado para la gestión de la ....

y Servicios Iberia. Para promover sistemas IoT confiables, **Arcadian-IoT** acelerará el desarrollo hacia una privacidad descentralizada,

Arcadian-IoT

12.6k Reach Neutral

Domo Sistemas
ES | May 26 • 2:00 AM

El proyecto Arcadian-IoT creará un marco para la privacidad, confianza y seguridad en los sistemas IoT

El proyecto europeo Arcadian-IoT tiene como objetivo desarrollar y poner a disposición un marco innovador y avanzado para la gestión de la ....

de ciberseguridad efectivas que cumplan con las regulaciones de privacidad. **Arcadian-IoT** actuará como un habilitador de sistemas de IoT en

Arcadian-IoT

3.93k Reach Neutral

A

America Retail • Jesús Fernández
CL | May 27 • 12:07 AM

Tecnologías emergentes: El proyecto Arcadian-IoT creará un marco para la privacidad, confianza y seguridad en los sistemas IoT

🔊 Reproducir El proyecto europeo Arcadian-IoT tiene como objetivo desarrollar y poner a disposición un marco innovador y avanzado para la ....

de ciberseguridad efectivas que cumplan con las regulaciones de privacidad. **Arcadian-IoT** actuará como un habilitador de sistemas de IoT en

Arcadian-IoT

389k Reach

Neutral

PCGuia • Ricardo Durand
PT | Jun 23 • 5:33 PM

Instituto Pedro Nunes lidera projecto europeu para desenvolver a nova geração de segurança em IoT

Blockchain, chained encryption, identificadores descentralizados, eSIM, biometria ou federated AI serão algumas das ferramentas usadas ...

ou federated AI». Segundo Sérgio Figueiredo, coordenador do projecto **ARCADIAN-IoT**, o objectivo passa ainda por manter o «equilíbrio entre as

ARCADIAN-IoT

69.8k Reach

Positive

N

Notícias - MSN.com • Ricardo Durand
PT | Jun 23 • 6:33 PM

Instituto Pedro Nunes lidera projecto europeu para desenvolver a nova geração de segurança em IoT

© Ricardo Durand ©Alan J. Hendry O Instituto Pedro Nunes (IPN) está à frente de um consórcio com mais onze membros de países europeus que ....

está ainda a empresa nacional Load Interactive. A missão do **ARCADIAN-IoT** (autonomous trust, security and privacy management framework for

ARCADIAN-IoT

94.3k Reach

Positive

Notícias De Coimbra
PT | Jun 23 • 7:19 PM

Coimbra lidera projeto de segurança nos dispositivos da "Internet das Coisas"

O Instituto Pedro Nunes (IPN), sediado em Coimbra, vai liderar um projeto de especialistas de oito países europeus para desenvolver a ...

em Internet das Coisas (IoT). O projeto, designado de **ARCADIAN-IoT**, "irá desenvolver, implementar e validar funcionalidades e ferramentas

ARCADIAN-IoT

148k Reach

Neutral

business.IT
PT | Jun 24 • 2:29 PM

IPN lidera projecto europeu para desenvolver a nova geração de segurança em IoT

Blockchain, chained encryption, identificadores descentralizados, eSIM, biometria ou federated AI serão algumas das ferramentas usadas ...

ou federated AI». Segundo Sérgio Figueiredo, coordenador do projecto **ARCADIAN-IoT**, o objectivo passa ainda por manter o «equilíbrio entre as

ARCADIAN-IoT

726 Reach

Positive

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