



INCOGNITO NEWSLETTER

ISSUE 6 | May 2022



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INTRODUCTION

We are pleased to announce the publication of the sixth issue of the INCOGNITO newsletter. If you are interested in cybersecurity and privacy, you are at the right place!

INCOGNITO is a 60-month Research and Innovation Action from 2019 to 2023 funded under Horizon 2020 focusing on producing a state-of-the-art platform that will allow users to easily understand what is needed to access online services while preserving their privacy.



We are currently in month 41 of the project. We have already submitted several deliverables. One of them documents the business and technical requirements and other documents all the design and implementation work that will take place in the second year of the project.



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OBJECTIVES

A quick reminder of the project's objectives!

The overarching goal of INCOGNITO (Identity verification with privacy-preserving credentials for anonymous access To Online services) is to combine state-of-the-art technologies in a platform that will allow users to easily understand what is needed to access online services with respect to their privacy and be able to prove specific attributes of their identity or their whole identity. We build on top of the framework that is being developed under the ReCRED, the project that laid the foundation for INCOGNITO project where we use advanced mobile software in order to convert online and physical identity proofs into validated and cryptographically strong proofs of identities that can be used for getting access to Online Services. INCOGNITO has the following objectives:

1. Design and implement an infrastructure that supports QUALIFIED ANONYMITY (QA) by leveraging state of the art cryptographic credentials schemes as well as Federated Login solutions.
2. Design and implement an Identity Acquisition and Management platform that will allow the user to quickly and securely acquire identity attributes from Physical ID documents and Online Identities.
3. Design and implement an advanced UI/UX AI-based assistant that will guide and inform the user about aspects of his identity management as well as possible actions to take.
4. Evaluate the results of the project through two pilot activities.

INCOGNITO

To achieve these objectives an inter-sectorial and interdisciplinary secondment program for Experienced and Early Stage Researchers that fosters knowledge exchange is proposed. Academic partners will offer their expertise on online identity acquisition and management, machine-learning algorithms and user experience assessment. Industry partners will offer their expertise on state-of-the-art IT security technologies, production-grade development processes, exposure to industrial research environment and relevant business issues and data.



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NEWS



**Project extension for 12
more months (new duration
60 months)**

Following a request for the consortium, the EU granted a 12-month extension for the project, making its duration 60 months (until December 2023). During the covid-19 pandemic, internal policies along with government directives and regulations hindered traveling for researchers, thus secondments were not performed as planned in order to ensure the safety and health of the secondees. The extension will allow mitigating the delays and complete all project activities.



**Building Trust for Smart
Connected Devices**

Our paper "**BRIDGE: BRIDGing the gap bEtween CTI production and consumption**" by the authors Vaios Bolgouras, Marios Karatisoglou and Christos Xenakis, has been accepted for presentation at the 1st CTSS workshop that will be held in conjunction with the 14th International Conference on COMMUNICATIONS 2022, June 16-18, 2022, Bucharest, Romania.



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ARES Conference

International Conference on Availability, Reliability and Security

INCOGNITO coorganizes IWAPS 2022

INCOGNITO in partnership with other H2020 friend projects (SealedGRID, SECONDO, NetPHISH, ERATOSTHENES, Cyber Security for Europe, PHYSICS, EVOLVED-5G) will co-organize the 2nd International Workshop on Advances on Privacy-Preserving Technologies and Solutions (IWAPS 2022). The event will be held in conjunction with the 17th International Conference on Availability, Reliability, and Security (ARES 2022) on 23–26 of August 2022, Vienna, Austria.



European Security Defense College

Vaios Bolgouras, former secondee and member of the UPRC team, will participate in the Summer University of the European Security and Defense College as he currently serves a PhD fellow in the Doctoral School; during this summer school and specifically on Friday 8th of July he will present the INCOGNITO project and particularly its progress in technological way.



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Research methodology Course on CSDP

Prof. Christos Xenakis, the coordinator of the INCOGNITO project, attended the Research methodology Course on CSDP – EU as a Security and Defence Actor, provided by the European Doctoral School on the Common Security and Defence Policy and was part of the panel regarding Cyber Security. The course was successfully held in Piraeus between 14 and 16 March 2022 with active participants and excellent results.





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DELIVERABLES SUBMITTED

Work Package	Deliverable	Month	Title
WP8	D8.1	M40	Midterm commercialization and Intellectual Property (IP) protection plan
WP8	D8.3	M40	Market analysis and exploitation plan

D8.1: In this deliverable we present a plan regarding the actions that should occur during the project's course in order to maintain the project's visibility and its outcomes in institutes and groups of people specializing in the areas of cybersecurity, privacy, and data management. Among these activities publications in scientific journals and conferences are present, resulting from the project's findings, as well as the dissemination and transmission of information about the project's findings to people and institutions seeking to increase their privacy, as well as digital service providers.

D8.3: The market research for each of the main components and technologies developed in INCOGNITO project shows growth and great potential and the consortium is working hard not only in order to provide the secondees of the project with competitive industry skills and academic knowledge but also to invest in know-how and to adopt these technologies for their solutions. This will allow the partners to be able to bring to the market more innovative and state-of-the-art offerings. Moreover, an exploitation plan is being prepared to capitalize on the project's outcome and support potential business undertakings from the consortium's partners.



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our website <https://incognito.socialcomputing.eu/>



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OUR PARTNERS



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