



INCOGNITO NEWSLETTER

ISSUE 3 | SEPTEMBER 2020



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INTRODUCTION

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

INCOGNITO is a 48-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 21 of the project. We have already submitted several deliverables. One of them documents the business and technical requirements and another documents all the design and implementation work that will take place in the second year of the project.



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OBJECTIVE

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 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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MESSAGE FROM THE COORDINATOR

We are happy to introduce you to the INCOGNITO news-letter, a great vehicle for our consortium to communicate our project's achievements, activities and results. The intention of this newsletter is to open a new communication channel in order to provide news on the project progress and to discuss ongoing topics relevant to INCOGNITO for internal and external project partners, stakeholders and all other interested bodies



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NEWS

INCOGNITO DISSEMINATION in CYSARM

Members of our team took part in the 2nd Workshop On Cyber-Security Arms Race (CYSARM)(<https://www.cysarm.org/>) on 13 November and disseminated our project.

IdentiTity verifiCatiOn with privacy-p
anonymous



Qualified Anonymity

Prof. Christos Xenakis

Department of Digital Systems
University of Piraeus, Greece



INCOGNITO DISSEMINATION in SHAPING EUROPE Event

On 25 November our researcher Vaio Bolgouras presented our project in the ICT Verticals and Horizontals for Blockchain Standardisation.



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NEW SECONDMENTS



INCOGNITO is very happy to announce the start of new secondments after the lockdowns in Greece and Spain with the secondee Ioannis Arapakis from Telefonica (Spain) to UPRC.



INCOGNITO at EAB-RPC 2020

The 7th edition of the EAB Research Projects Conference took place as a virtual conference from 14 to 16 September 2020. The conference was organized by the European Association on Biometrics (EAB) in cooperation with the Joint Research Center (DG JRC) of the European Commission, through its Cyber and Digital Citizens' security Unit. The EAB-RPC 2020 was co-located with the EAB Biometrics Research, Industry and Max-Snijder-Awards and the IEEE BIOSIG Conference, later that same week.



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FutureTPM, INCOGNITO, SECONDO, ASTRID and CUREX projects organises DESECSYS.



FutureTPM project organises together with the INCOGNITO, SECONDO, ASTRID and CUREX projects the “1st Workshop on Dependability and Safety Emerging Cloud and Fog Systems” (DESECSYS).

The workshop co-located with the 25th European Symposium on Research in Computer Security (ESORICS 2020), in September 2020 in Guildford, United Kingdom.



INCOGNITO AT THE ESOF 2020

Dr. Christos Xenakis attended the virtual event for the EuroScience Open Forum (ESOF), a biennial, pan-European, general science conference dedicated to scientific research and innovation. The event was about Network user security and privacy solutions in the era of artificial intelligence and GDPR.



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Dr. Nicolas Kourtellis presented his work at CUT

Telefonica

Dr. Nicolas Kourtellis from Telefonica Research presented his work "Privacy and Safety in the Cyberspace Today" and show some exciting research results on cyber-privacy and cyber-safety to students and researchers at CUT.



2ND WORKSHOP ON CYBER-SECURITY ARMS RACE (CYSARM)

Incognito along with other eu projects was a sponsor at the CYSARM 2020 and was presented to all the attendees on the workshop.



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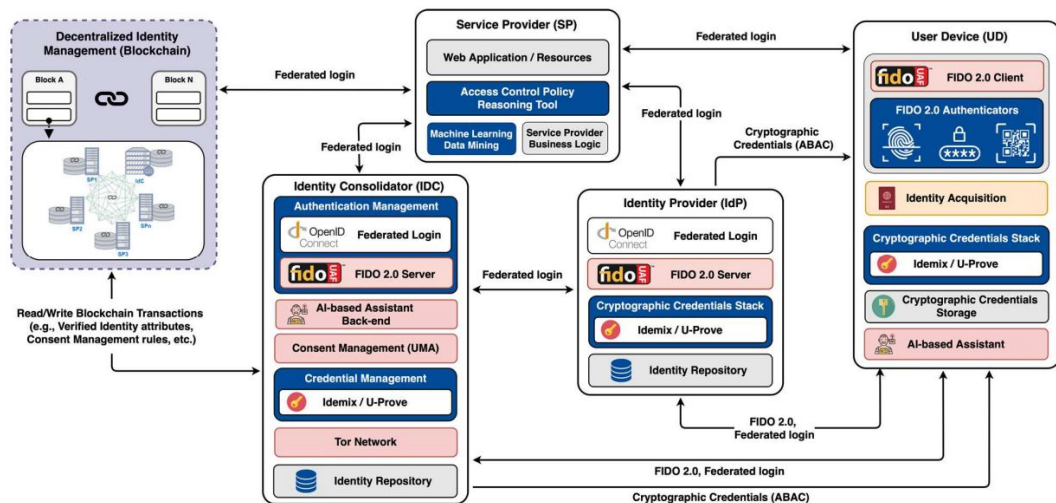


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Deliverables Submitted

Work Package	Deliverable	Months	Title
WP2	D2.3	M9-M18	Reference architecture

D2.3 Reference architecture: This deliverable reports on the system architecture, components and interfaces of the project.



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OUR PARTNERS



ΠΑΝΕΠΙΣΤΗΜΙΟ ΠΕΙΡΑΙΩΣ
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