



EVOLVED-5G

NEWSLETTER # 9

(January – March 2023)



evolved-5g.eu

INSIDE THE ISSUE

1. Issue Highlights
2. Communications & Dissemination Activities
3. EVOLVED-5G's Accelerator Program official Launch
4. Period Deliverables
5. Upcoming Deliverable
6. GA Meeting

ISSUE HIGHLIGHTS

The ninth issue of EVOLVED-5G Newsletter presents the project activities during the period January – March 2023 focusing on the communication and dissemination activities, upcoming events, and deliverables.

In numbers, the EVOLVED-5G activities are:

- 2 Journal - Conference Papers
- 1 White paper
- 3 Articles
- 1 Co-organised Workshop
- 1 Special Session
- 3 Videos
- EVOLVED-5G's Accelerator Launch
- 4 5GPPP Activities
- 2 Submitted Deliverables
- 1 Upcoming Deliverable
- 1 GA meeting



Communication and Dissemination Activities

Papers

- The EVOLVED-5G journal paper by Lenovo partner, entitled **“NetApps Enabling Application-Layer Analytics for Vertical IoT Industry”** was accepted in the IEEE Internet of Things Magazine, Volume 5, Issue: 4. You may find more information online here: <https://ieeexplore.ieee.org/document/10012484>



- The EVOLVED-5G conference paper entitled **“WIM-Drone: Combining a World-In-Miniature and Micro-Gestures for Teleoperation in Augmented Reality.”** by IMMERSION has been accepted at IHM 2023 conference in France. You may find more information about the event here: <https://ihm2023.afihm.org/>



White Paper

- The 5GPPP Architecture WG released the white paper entitled **“The 6G Architecture Landscape - European perspective”**. This white paper summarizes the main findings from the European research landscape on the vision of the 6G architecture. Such a design vision is derived from around 45 projects starting from October 2020 in all relevant areas of 5G while paving the way towards 6G, within the 5G Public Private-Partnership (5G PPP) in the scope of the European Framework for Research and Innovation (the list of contributing projects You may find it online along with the EVOLVED-5G contributions here: <https://5g-ppp.eu/white-papers/>)



Articles



An article was published by GMI AERO entitled **“Composite Repair Developments Heat Up Aviation’s Aftermarket”**. This article gives information about ANITA 4.0 and the use of the device in the context of EVOLVED-5G project. You may find it online here: <https://bit.ly/3ZVEaAC>

Composite Repair Developments Heat Up Aviation’s Aftermarket

Lindsay Bjorregaard November 29, 2022



Credit: GMI Aero



An article (in Greek) entitled **“5G, the first step for a new era”** about EVOLVED-5G was published at mikrofwno.gr portal, showcasing the benefits of 5G. In this article you may also learn all related information about our project. The article is available here: <https://mikrofwno.gr/2023/02/5g-to-proto-vima-gia-mia-nea-epochi/>



5G, το πρώτο βήμα για μία νέα εποχή



The new NETWORLD EUROPE Find the SME brochure is now available! In this version you may find some familiar names. INFOLYSiS, Fogus Innovations, Internet Institute and 8Bells. You may find more information here:

<https://www.networldeurope.eu/find-the-sme-you-need-new-page/>



EVOLVED-5G Co-organized workshop

➤ EVOLVED-5G project co-organises the **3rd International Workshop on Advances on Privacy Preserving Technologies and Solutions (IWAPS 2023)** in the context of **18th International Conference on Availability, Reliability and Security (ARES) conference**. The conference will take place from August 29 – 1 September 2023 in Benevento, Italy.

This workshop aims to strengthen security and privacy through research and relevant activities in the models and design of secure, privacy-preserving and trust architectures, investments in cyber-defense, data analyses, fusion platforms, protocols, algorithms, services, and applications for next generation systems and solutions. We especially encourage security and privacy solutions that employ innovative machine learning techniques to tackle the issues of inspecting large data volumes, cyberattacks, and variety problems that are systemic in IoT platforms, theoretical and practical challenges related to the design of privacy-preserving AI systems and algorithms and will have strong multidisciplinary components, including soliciting contributions about policy, legal issues, and societal impact of privacy and affect the cyber risk of the participating entities.

Call for Papers deadline: May 31, 2023

You may learn more here: <https://www.ares-conference.eu/workshops/iwaps-2023/>



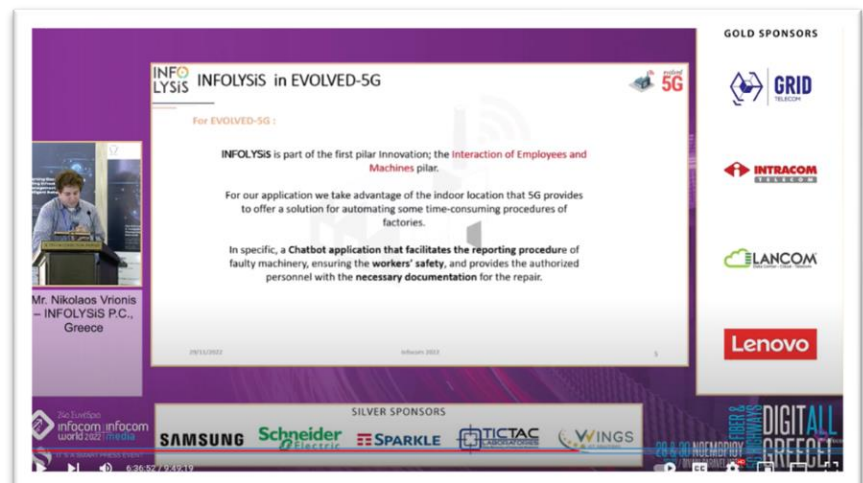
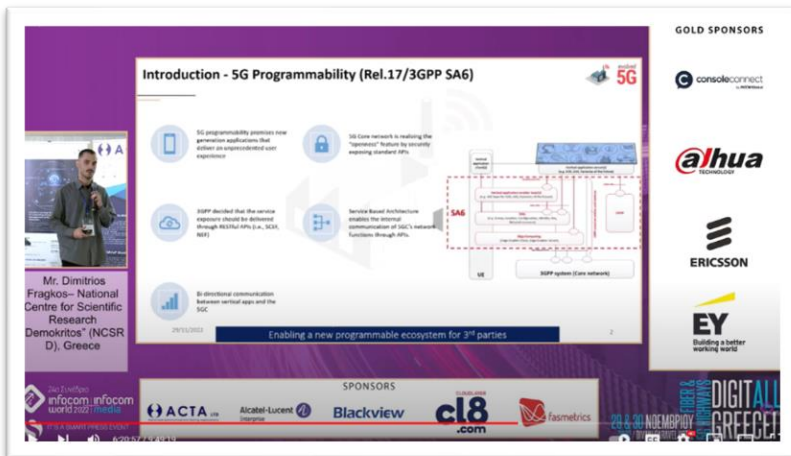
Special Session

- Professor Pedro Merino Gomez from UMA explained the fundamental insights of EVOLVED-5G project during "5G Technology as innovation enabler. Present and Future" Panel Discussion of Transfiere 2023. You may learn more about the event here: <https://transfiere.fycma.com/?lang=en>



Videos

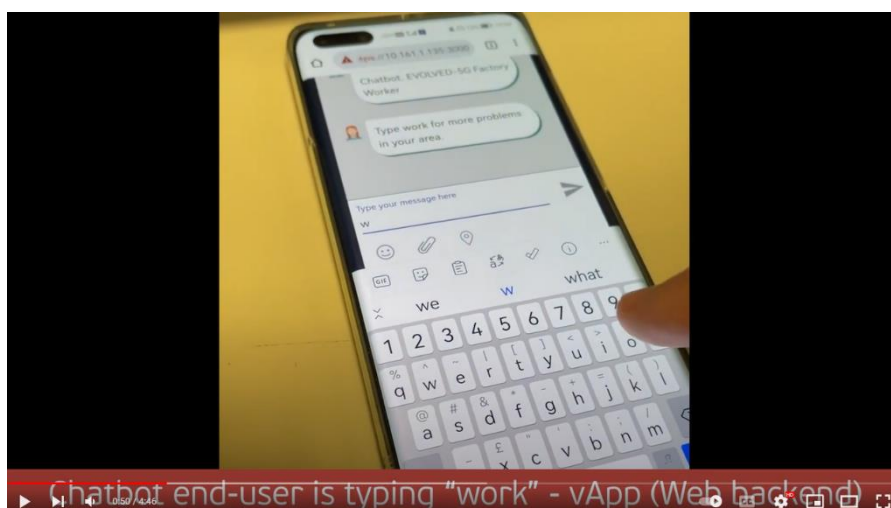
- EVOLVED-5G project was present ~~on~~ at **InfoCom 2022**. You may find the EVOLVED-5G presentations by NCSR "DEMOKRITOS" (Mr. Dimitrios Fragkos) and INFOLYSiS (Mr. Nikolaos Vrionis) (6:19:30) in the video released by the organisation! The video is available here: <https://www.youtube.com/watch?v=7kmkJpQJqv8>



- The video from GMIs ANITA 4.0 deployment at NCSR "DEMOKRITOS"'s Campus has been released! You may find it online at the project's YouTube channel here: <https://www.youtube.com/watch?v=IMChNeUY7S8&t=4s>

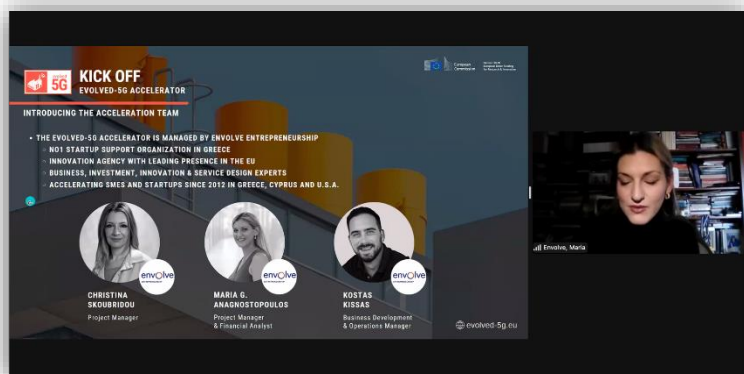


- The video of the **INFOLYSIS Intent driven chatbot**, for precise maintenance in 5G-enabled Industry 4.0 environment, deployment and testing has been released. The trials took place at Athens 5G platform in NCSR Demokritos campus by INFOLYSIS and NCSR partners on Wednesday 7th December 2022. You may find it online at the EVOLVED-5G website here: <https://www.youtube.com/watch?v=kVv31peghso&t=28s>



EVOLVED-5G Accelerator Program Official Launch

- The EVOLVED-5G Accelerator kicked-off with a diverse cohort of 25 teams from 13 different countries and operating in 15 different sectors. The Accelerator of the EVOLVED-5G Project aims to provide business acceleration and support to startups and SMEs, who wish to incorporate 5G technologies and network applications to their businesses, in order to increase their effectiveness and provide better services and products to their customers. The EVOLVED-5G Accelerator is managed by EnvolvE Entrepreneurship, one of the leading stakeholders of the Greek startup and innovation ecosystem with presence in Greece, Cyprus and U.S.A. The Kick-off session was welcomed by members of EnvolvE Entrepreneurship and the EVOLVED-5G Project, who provided information of the accelerator's schedule and activities, the 5-month capacity building, the Pitching Day in September and the Incubation & Mentorship Program during September and October. The cohort will meet again at the Entrepreneurship Masterclass, the first chapter of workshops, where they will have the opportunity to dive deeper into their business models, access innovation design methodologies and tools, as well as work on their pitch to potential investors.



5GPPP ACTIVITIES

5GPPP Newsletter

- January 2023
<https://5g-ppp.eu/newsletter-28-january-2023/>

5GPPP Newsflash

- December 2022 #71
<https://5g-ppp.eu/newsflash-december-2022/>
- January 2023 #72
<https://5g-ppp.eu/newsflash-january-2023/>
- February 2023 #73
<https://5g-ppp.eu/newsflash-february-2023/>



Submitted Deliverables

D5.3 NetApps Certification and Release to Marketplace (Intermediate) (Public – M25): Intermediate report on the certification of NetApps and their release to marketplace.

D6.2 Technoeconomic analysis and Stakeholders engaging (Intermediate) (Public – M25): Intermediate report on the technoeconomic analysis (Task 6.3)

Upcoming Deliverable

D3.3 Implementations and integrations towards EVOLVED-5G framework realisation (final) (Public – M28): This is the final version of the integrated framework (prototype development accompanied with report) considering the results of the Tasks T3.1-T3.3.



8th GA Plenary Meeting

The 8th Plenary Meeting of the EVOLVED-5G took place on Athens from the 14th of March up to 16th of March. This 3-day plenary meeting took place in both NCSR “Demokritos” and COSMOTE (OTE Academy) premises in Athens. It was a very successful meeting as the partners had the chance to discuss the technical status of the project along with upcoming activities. Also, the participation at the upcoming EuCNC 2023 & 6G Summit was thoroughly discussed.



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Call: H2020-ICT2018-2020

Topic: ICT-41-2020

Type of Action: Innovation Action

Duration: 36 Months

Start Date: 1 January 2021

