



EVOLVED-5G

NEWSLETTER # 11

(July – September 2023)



evolved-5g.eu

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ISSUE HIGHLIGHTS

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

In numbers, the EVOLVED-5G activities are:

- 4 Journal - Conference Papers
- 1 White paper
- 1 Progress Monitor Report
- 1 Article
- 1 Co-organised Workshop
- 4 5GPPP Activities
- 5 Submitted Deliverables
- 7 Upcoming Deliverables
- 1 GA meeting



Communication and Dissemination Activities

Papers

- The EVOLVED-5G conference paper entitled **“The 3GPP Common API Framework: Open-Source Release and Application Use Cases”**, submitted at EuCNC 2023, has been published. You may find it available online here:
<https://ieeexplore.ieee.org/document/10188337>



- The EVOLVED-5G conference paper entitled **“5G and B5G NEF exposure capabilities towards an Industrial IoT use case”**, submitted at EuCNC 2023, has been published. You may find it available online here:
<https://ieeexplore.ieee.org/document/10188241>



- The EVOLVED-5G journal paper entitled **“AutomAdapt: Zero Touch Configuration of 5G QoS Flows Extended for Time-Sensitive Networking”**, submitted at IEEE Access Volume 11, has been published. You may find it available online here:
<https://ieeexplore.ieee.org/document/10209171>

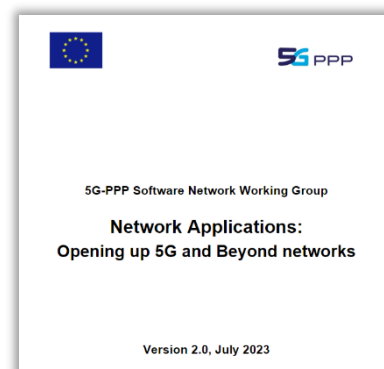


- The EVOLVED-5G conference paper entitled **“xeLTL: Extending eLTL with variables”**, submitted at PROLE 2023 (Ciudad Real), has been published. You may find it available online here:
<https://biblioteca.sistedes.es/entities/art%C3%ADculo/f86d1833-9519-451d-bc88-384fdcf16da6>



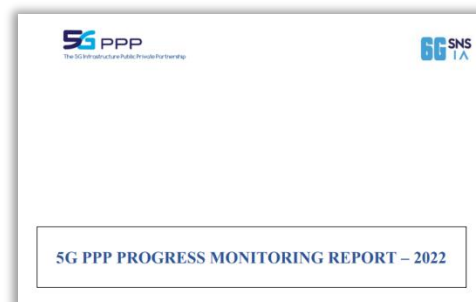
White Papers

- The 5GPPP white paper entitled **“Network Applications: Opening up 5G and Beyond networks”**, V2.0 is now available. This paper builds on the findings of the white paper released in 2022. It targets to go into details about the implementations of the two major Network Applications class: “aaS” and hybrid models. It introduces the Network Applications marketplace and put the light on technological solution like CAMARA project, as part of the standard landscape. You may find it online here: <https://zenodo.org/record/8134429>



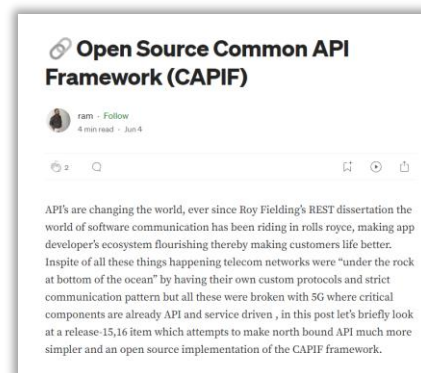
5GPPP Progress Monitoring report

- The **“5GPPP PROGRESS MONITORING REPORT”** is now available. This document reports the progress achieved by the 5G Public-Private Partnership (5G PPP) during 2022. For reasons of completeness, the document briefly presents the overall 5G PPP framework. It also analyses the activities that were performed under this framework either by the 5G Initiative (i.e., 5G PPP Projects, 5G PPP working groups, Steering and Technology Boards) or the 6G Smart Networks and Services Industry Association (6GIA), i.e., Verticals Engagement Task Force, 6G-IA working groups and specific activities. You may find it online here: <https://5g-ppp.eu/wp-content/uploads/2023/08/5G-PPP-PMR2022v3.0.pdf>



Article

- The **“Open-Source Common API Framework (CAPIF)”** online article by medium.com is now available. In this article you can find information on the CAPIF framework and how it is used in the context of EVOLVED-5G project. Find the article online here: <https://medium.com/@googler-ram/open-source-common-api-framework-capif-d83762f65563>



EVOLVED-5G Co-organized workshop

➤ EVOLVED-5G project co-organised 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 took place from August 29 – 1 September 2023 in Benevento, Italy.

This workshop aimed 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.

At this workshop EVOLVED-5G project was represented by a presentation on CAPIF by FOGUS and by InQBit who facilitated the organization of the workshop. Also, in this workshop all interested stakeholders could find communication material, such as stickers and leaflets.

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



5GPPP ACTIVITIES

5GPPP Newsletter

- July – August 2023
<https://5g-ppp.eu/newsletter-30-august-2023/>

5GPPP Newsflash

- June 2023 #77
<https://5g-ppp.eu/newsflash-june-2023/>
- July 2023 #78
<https://5g-ppp.eu/newsflash-july-2023/>
- August 2023 #79
<https://5g-ppp.eu/newsflash-august-2023/>



Submitted Deliverables

D4.3 5G Exposure Capabilities for Vertical Applications (Final) (M32): Final report on the use of the EVOLVED-5G tools considering the final release of the EVOLVED-5G open workspace.

D4.4 Network Apps for Interactions of Employees and Machines (M32): Final prototype development accompanied by report on the implementation of Network Apps in the first pillar.

D4.5 Network Apps for FoF Operations (M32): Final prototype development accompanied by report on the implementation of Network Apps in the second pillar.

D4.6 Network Apps for Security Guarantees and Risk Analysis (M32): Final prototype development accompanied by report on the implementation of Network Apps in the third pillar.

D4.7 Network Apps for Production Line Infrastructures (M32): Final prototype development accompanied by report on the implementation of Network Apps in the fourth pillar.

Upcoming Deliverables

D5.4 System level evaluation and KPI analysis (Final) (M34): Final report on system evaluation and KPIs analysis based on data collected during the system testing (final release)

D5.5 Network Apps Validation and onboarding to Open Repository (Final) (M34): Final report on the use of validation tools and open repository (final release)

D5.6 Network Apps Certification and Release to Marketplace (Final) (M34): Final report on the certification of Network Apps and their release to marketplace (final release)

D6.3 Training Material and SMEs and Startup Acceleration Program Activities (Final) (M36): Final report on the developers-oriented events and the activities of the SMEs and Startup Acceleration Program

D6.4 Technoeconomic analysis and Stakeholders engaging (Final) (M36): Final report on the technoeconomic analysis

D7.5 Dissemination, Communication and 5GPPP Engagement Activities (Final) (M36): Final report on the dissemination, communication and 5G-PPP engagement activities

D7.6 Standardisation, Innovation, Exploitation and Technology Transfer Activities (Final) (M36): Final report on the innovation, exploitation as well as standardization activities of the project

10th GA Plenary Meeting

The **10th Plenary Meeting** of the EVOLVED-5G took place from the 20th of September up to 21st of September. This 2-day plenary meeting took place in Ljubljana, Slovenia and was hosted by Internet Institute. 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, partners discussed about the final period of the project.



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Topic: ICT-41-2020

Type of Action: Innovation Action

Duration: 36 Months

Start Date: 1 January 2021

