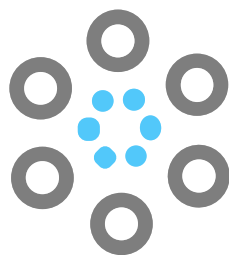




NEWSLETTER

ISSUE 7

July – September 2025



SAFE-6G

A **S**MART AND **A**DAPTIVE **F**RAMWORK FOR **E**NHANCING
TRUST IN **6G** NETWORKS



SAFE-6G project has received funding from the Smart Networks and Services Joint Undertaking (SNS JU) under the European Union's Horizon Europe research and innovation programme under Grant Agreement No 101139031



ISSUE HIGHLIGHTS



- ✓ SAFE-6G PROJECT INTRODUCTION
- ✓ COMMUNICATION & DISSEMINATION ACTIVITIES
- ✓ PERIOD DELIVERABLES
- ✓ SNS JU NEWS



The 7th issue of SAFE-6G Newsletter presents the project's activities during the third period July - September 2025. This specific issue focuses on the dissemination and communication activities of the period, along with SNS JU/6G SNS News, Period and Upcoming Deliverables.

In numbers, the activities of SAFE-6G during this 3-month period are:

- 2 Events
- 2 New YouTube videos
- 1 Open Capif Release 3
- 1 Plenary Meeting
- 4 Deliverables



COMMUNICATION & DISSEMINATION ACTIVITIES

EVENTS

NCSR “Demokritos” Summer School

The 60th edition of the NCSR “Demokritos” Summer School marked a significant milestone in celebrating excellence in research and innovation.

On the 8th of July, the focus was on the **Institute of Informatics & Telecommunications**, which hosted a full day dedicated to presenting its research groups. Among them, Dr. Harilaos Koumaras from the FRONT Research Group of NCSR “Demokritos” institute showcased its contributions to the SAFE-6G project, delivering insightful presentations on the advancement of 6G technologies within the framework of major European research initiatives. Our presence at the event sparked insightful discussions and fostered valuable new connections within the growing 6G ecosystem.



5th International Workshop on Advances in Privacy and Security (IWAPS)

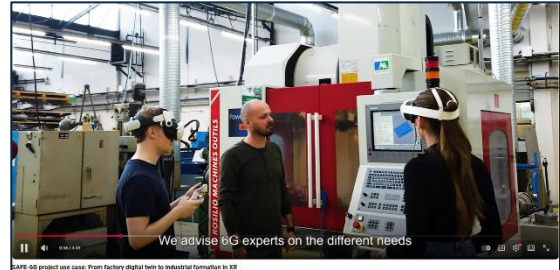


The SAFE-6G project was delighted to co-organize the **5th International Workshop on Advances in Privacy and Security (IWAPS)**, held in conjunction with the ARES Conference in Ghent, Belgium. This prestigious event brought together leading European research initiatives, including **AIAS**, **aerOS**, and **RESCALE**, to engage in in-depth discussions on the future of privacy, trust, and security in the emerging 6G landscape. Through this collaboration, SAFE-6G contributed to advancing the dialogue on key technological and ethical challenges shaping next-generation networks. The workshop provided an excellent platform for knowledge exchange, showcasing innovative approaches to building secure, resilient, and trustworthy 6G ecosystems. The consortium extends its sincere appreciation to IWAPS, ARES organizers, and all project partners and contributors for their invaluable efforts in making this event a success. Their dedication continues to drive innovation and foster collaboration toward the realization of a safe and secure 6G future.

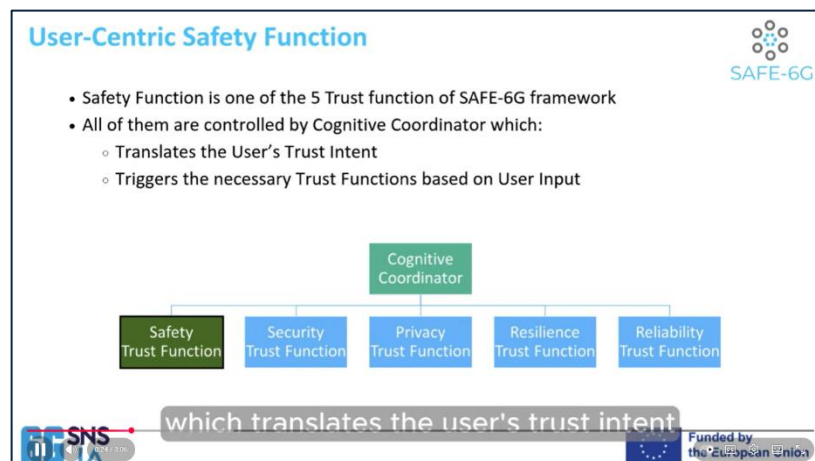
YouTube Videos

On our [YouTube Channel](#) we have new videos waiting for you to watch them and dive deep inside to our project's technical background.

1. [SAFE-6G project use case: From factory digital twin to industrial formation in XR – ‘Dive into a groundbreaking use case from the SAFE-6G research project, demonstrating the seamless integration of factory digital twins with immersive industrial training in Extended Reality \(XR\). Discover how 6G technologies and advanced XR environments are reshaping industrial processes by leveraging digital twin capabilities, enhancing efficiency, safety, and skill development. Developed by Immersion in the framework of the SAFE-6G European project, this prototype represents a significant leap forward for Industry 4.0, bridging the gap between virtual simulation and real-world application.’](#)



2. [SAFE-6G Safety Trust Function – ‘SAFE-6G builds a user-centric trustworthiness framework for 6G networks that goes beyond conventional security to treat safety—alongside privacy, security, resilience, and reliability—as a native, AI-assisted function. This safety trust function is designed to ensure that user-driven services operate without causing harm throughout their lifecycle: from pre-deployment through runtime to decommissioning. By combining distributed \(X\)AI/ML techniques under a cognitive coordinator, SAFE-6G continuously assesses and adapts the Level of Trust \(LoT\), balancing safety in real time with other trustworthiness dimensions in a zero-touch, scalable manner across the edge-cloud continuum.’](#)



Open CAPIF Release 3

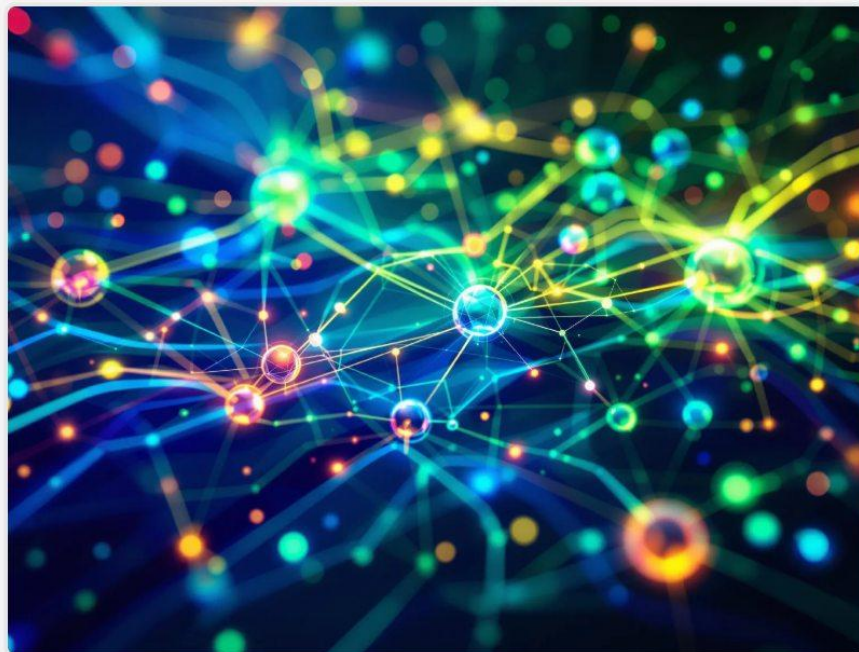
Exploring SDG OpenCAPIF Release 3

The OpenCAPIF 3.0.0 release is now officially available on the ETSI Labs platform! Built upon the latest 3GPP Common API Framework Release 18 specifications (TS 23.222, TS 29.222, TS 33.122) and updated YAML templates from 3GPP Forge, this third major release delivers significant enhancements, new features, and improved functionality. The result is a more robust, secure, and efficient API management platform aligned with evolving industry standards.

Among the key updates are event filters, event reporting improvements, and dynamic configuration options for greater flexibility and control. Enhanced security methods (PKI and PSK) upgraded testing procedures, and refined technical components further strengthen the system's reliability. The SDK has also been updated to support new functionalities, while the documentation now includes expanded sections on event filtering, dynamic configuration, and vendor extensibility. Users can easily deploy and test OpenCAPIF 3.0.0 by accessing the public repository or exploring the OpenCAPIF Sandbox for hands-on experimentation.

Find more information [here](#)

Exploring SDG OpenCAPIF Release 3



SAFE-6G 6th Plenary meeting

The 6th SAFE-6G Plenary Meeting took place on September 9–11 at the Universitat Politècnica de València (UPV) in Valencia! During the meeting, partners discussed administrative matters, the project’s status, and details for the upcoming review process. The event concluded successfully, fostering collaboration and progress within the consortium and, of course, partners didn’t miss the chance to capture the traditional group photo!



SNS JU NEWSFLASH/NEWSLETTER

- ✓ SNS JU Newsflash (July 2025): <https://smart-networks.europa.eu/sns-ju-july-2025-newsflash/>
- ✓ SNS JU Newsflash (August 2025): <https://smart-networks.europa.eu/sns-ju-august-2025-newsflash/>
- ✓ SNS JU Newsflash (September 2025): <https://smart-networks.europa.eu/sns-ju-september-2025-newsflash/>
- ✓ SNSJU Newsletter (August 2025): <https://smart-networks.europa.eu/sns-ju-august-2025-newsletter/>



PERIOD & UPCOMING DELIVERABLES

D3.1 User-centric Distributed 6G Core over Edge-Cloud Continuum with MLOps supporting Metaverse pilots– M16 (PUB)

D6.3 Dissemination, Communication and 6G-IA/SNS Engagement Activities (Intermediate) – M18 (PUB)

D6.4 Standardisation, innovation, Exploitation and technology Transfer Activities (Intermediate) – M18 (PUB)

D4.1 Cognitive coordinator, AI agents and user-centric functions – M18 (PUB)

You can find all the Deliverables here => <https://safe-6g.eu/deliverables//>

Disclaimer: Views and opinions expressed are those of the author(s) only and do not necessarily reflect those of the European Union or the European Commission (granting authority). Neither the European Union nor the granting authority can be held responsible for them.

Call: Reliable Services and Smart Security
Topic: HORIZON-JU-SNS-2023-STREAM-B-01-04
Type of action: RIA
Duration: 36 months
Start date: 1 January 2024

FOLLOW US!



<https://safe-6g.eu/>

