



ACROSS

Automated zero-touch cross-layer provisioning framework for 5G and beyond vertical services

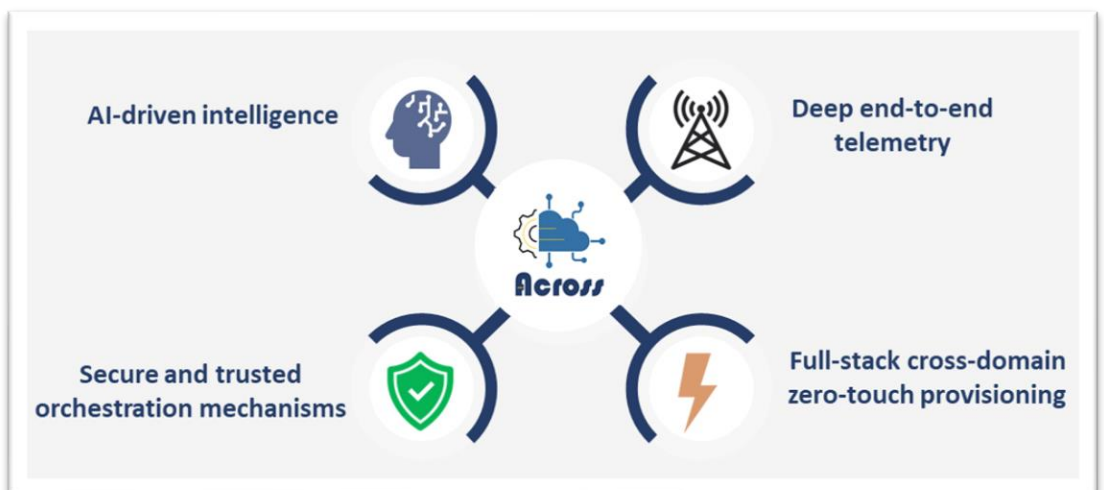
Newsletter #3

December 2023

Pioneering the Future of 5G and Beyond

Discover the world of cloud computing and networking with ACROSS – *Newsletter Edition #3*

Welcome to the **Third Edition** of our Newsletter, featuring all the latest news from **ACROSS (Automated zero-touch cross-layer provisioning framework for 5G and beyond vertical services)**. This groundbreaking Research and Innovation Action, funded by the Horizon Europe framework Programme, designs and implements an end-to-end service deployment and management platform for next generation networks and services, aiming at unprecedented levels of automation, performance, scalability, and energy efficiency.





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Events

FITCE

(Athens, Greece, 28-29 September 2023)

The ACROSS project participated at the "FITCE International Conference" held in Athens, Greece. Our participation showcased the groundbreaking nature of our project, capturing the attention of industry leaders, innovators, and experts alike. This influential gathering served as a focal point for delving into the latest trends and challenges across technical, regulatory, societal, and economic dimensions within ICT and media technologies and services.



Project Overview

- **Project Name:** **ACROSS** - Automated zero-touch cross-layer provisioning framework for 5G and beyond vertical services
- **Project website:** across-he.eu.
- **Stream:** A-01-07
- **Members:** NOVA | TID | NOKIA | ERI-LMI | NEC | UOP | UPM | CTTC | UBITECH | ICP | K3Y | WINGS
- **Key objective:** ACROSS develops a secure E2E network and service management platform that employs vertical and horizontal zero-touch mechanisms, enabling multi-objective service management optimizations in the presence of trade-offs between performance, energy consumption, and cost.

NOVA

6G SNS



European Commission

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Member of UNITED GROUP

Amidst this vibrant atmosphere, our project coordinator took the stage, delivering a presentation on the ACROSS project. The coordinator provided invaluable insights into our innovative initiatives, contributing to the event's success and solidifying our project's position at the forefront of cutting-edge developments in the field.





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Events

5G TECHRITORY

(Riga, Latvia, 18-19 October 2023)

The ACROSS project participated at the “5G TECHRITORY”. The Project Coordinator Ioannis Markopoulos, took center stage at the prestigious 5G Techritory forum held in Riga, Latvia. His notable contribution involved a thought-provoking participation in a panel discussion titled "Economy around the Metaverse: Unlocking Value and Innovation in Mixed Reality Worlds." The crux of the discussion delved deep into the intricate components essential for propelling the growth and ensuring the sustainability of the metaverse. Topics spanned the development of robust network architectures, exploration of cutting-edge hardware technologies, identification of scalable infrastructure solutions, and the critical examination of business models that serve as the bedrock for the metaverse's expansive journey.

Furthermore, the discourse extended to the strategic partnerships that play a pivotal role in propelling innovation within the metaverse realm. The project Coordinator and fellow panelists offered insightful perspectives on how these collaborative endeavors are shaping the landscape of the metaverse, setting the stage for unprecedented advancements in technology, business, and user experience.





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Events

TeraFlowSDN

(Castelldefells, Spain, 18 October 2023)

The ACROSS project participated at the “TeraFlowSDN”. The ACROSS project actively engaged in the enriching experience of the TFS Ecosystem Day on October 18, 2023. This noteworthy event unfolded at the esteemed Centre Tecnològic de Telecomunicacions de Catalunya (CTTC) facilities in the vibrant city of Castelldefells, situated in Barcelona, Spain. At this gathering, Lluís Gifre Renom took the stage to deliver a compelling presentation that illuminated the ACROSS project's noteworthy technical strides. Emphasizing the seamless integration achieved between OpenSlice and TeraFlowSDN, the presentation provided valuable insights into the collaborative efforts and innovative advancements driving the project forward. The TFS Ecosystem Day served as a platform for knowledge exchange and fostered a sense of community within the TeraFlowSDN network, underscoring the collaborative spirit that propels technological evolution.





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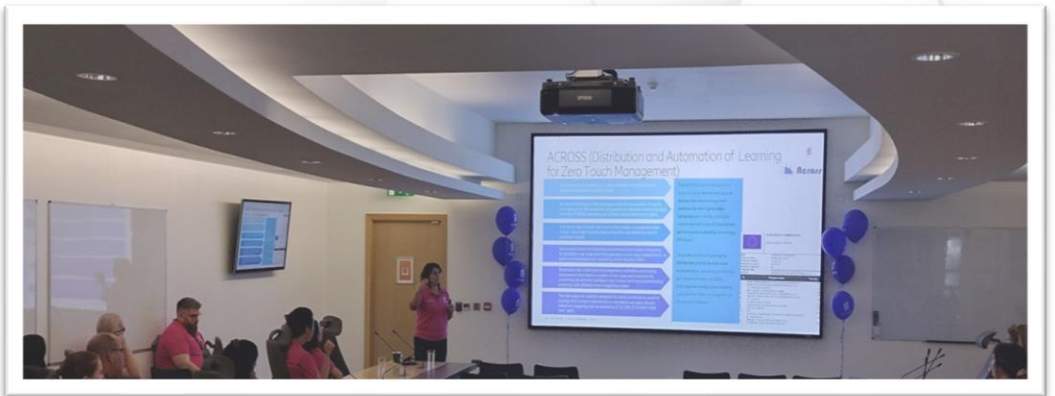
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Meetings

Ericsson Tech Day 2023

(Ireland, 5 October 2023)

The ACROSS project participated at the “Ericsson Ireland Tech Day”. Ericsson Ireland Tech Day is an annual event with large participation from different units across the Ericsson group. The work presented is carefully selected by a commission, based on technical relevance and research directions.



In this context, ACROSS was presented as part of our collaborative research towards 6G, supported by the Horizon program. The ACROSS vision, the focus on automation mechanisms, AlaaS, zero-touch management across the different layers in the system were presented, as well as the standardisation goals. The current status of the project was discussed and finally, touchpoints with the current 6G vision were highlighted.



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Meetings

SNS JU SB Meeting

(Madrid, Spain, 29 November 2023)

The ACROSS project actively engaged in the SNS JU Steering Board meeting, where Ioannis Markopoulos, the project coordinator, assumed a pivotal role as the leader of the Task Force for Open Calls in the SNS JU Steering Board, representing ACROSS within the Horizon Europe framework.



Alongside, the Technical Manager Dimitrios Klonidis from UBITECH played a significant role in representing the ACROSS project. The meeting took place in Madrid on November 29 and served as a gathering for influential stakeholders and decision-makers in the Horizon Europe landscape. In his capacity as the leader of the TF for Open Calls, Ioannis Markopoulos played a critical role in shaping discussions, offering valuable insights, and contributing to the strategic orientation of initiatives. This collaborative endeavor underscored our unwavering commitment to actively participate in shaping the trajectory of Horizon Europe projects, emphasizing our dedication to the future of collaborative initiatives within this framework.



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Meetings

2nd Plenary Meeting

(Castelldefels, Barcelona, Spain, 10-11

October 2023)

On the 10th and 11th of October 2023, ACROSS partners gathered for a productive 2-day event, etching a monumental milestone in our collective journey. This momentous occasion served as a dynamic platform for our esteemed project partners, each representing diverse domains, to convene and embark on a comprehensive exploration of the intricate details woven into our mission's fabric. The 2nd plenary meeting unfolded as a pivotal juncture, offering us a valuable opportunity to meticulously take stock of the project's progress thus far. Over these two enriching days, our project partners not only assessed the project's advancements but also immersed themselves in enlightening and constructive discussions that spanned the diverse facets of our ambitious project.



Through the power of collaborative synergy, we collectively navigated this intellectual landscape, yielding not only a deeper understanding but also arriving at valuable conclusions and making crucial decisions that are destined to chart the course of the ACROSS project's future. The outcomes of the Plenary Meeting stand as a testament to our shared commitment, echoing our resolve to uphold the highest standards of execution throughout the entire lifecycle of the project.



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Our Team

NOVA



ERICSSON

Orchestrating a brighter world

NEC



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Telecomunicacions de Catalunya



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