NATWORK

Net-Zero self-adaptive activation of distributed self-resilient augmented services

NATWORK consortium combines multidisciplinary competences & resources from the academia, industry & research community focusing on a user-centric services development, viable economic & business models, cybersecurity, interoperability, and on-demand,door-to-door services.

IT CONSISTS OF FOURTEEN (14) PARTNERS FROM TEN (10) EU MEMBER STATES & ASSOCIATED COUNTRIES

KEY OBJECTIVES

1 Define a detailed extension to 6G architectures by providing E2E security

2 Evaluation, validation & verification of the security framework performance

3 Deployment & experimental implementation of the security modules in the four (4) Use Cases

4 Provide Physical Layer Security that supports encryption-free, perennial self-resilience of wireless links

5 Provide Net-Zero AI-powered trustworthy and explainable management to allow for highly malleable and attack-resilient networks

6 Foster secure-by-design composition and migration of novel 6G cloud-native slices and secure distributed computations-network in the edge to cloud continuum

7 Formulation of KPIs, KVIs, business models, IPR procedures, and standardization contributions for commercial viability and enhanced cybersecurity in b5G/6G networks

Stream:	STREAM-B-01-04
Project start:	1.1.2024
Duration:	36 months
Total cost:	€ 3.828.075,00
EU contribution:	€ 3.628.007,50
Total Partners:	14