

AKKA TO CONTRIBUTE STRENGTHENING CYBER-PHYSICAL SECURITY MANAGEMENT FOR EUROPEAN CRITICAL INFRASTRUCTURES

Brussels, February 3rd, 2021 – AKKA is proud to extend its involvement in the Horizon 2020 EU Research and Innovation programme through its participation in PRECINCT, a project bringing together an international consortium of 40 partners with the common goal of providing a framework and methodology to ensure secure, resilient and functioning European Critical Infrastructures (CIs).

PRESS RELEASE

In support of EU efforts to protect CIs, which include: production sites, transport network, communication systems, hospitals and data centres, PRECINCT, which stands for *Preparedness and Resilience Enforcement for Critical INfrastructure Cascading Cyberphysical Threats with focus on district or regional protection*, will connect EU private and public CIs stakeholders in a geographical area to a cyber-physical security management method that will produce a protected territory for citizens and CIs.

PRECINCT aims to provide a model-driven collaborative and unifying cyber-physical security management platform fulfilling industry requirements through the development of methods and tools. As part of the project, a Serious-Game tool is being developed to identify potential vulnerabilities to cascading effects and will help stakeholders to properly train their operators. Digital twins will represent the CIs network topology and metadata profiles and allow for rapid and relevant decision-making support by applying closed-loop Machine Learning techniques.

This will be put in action through four large-scale Living Labs (Ljubljana, Antwerp, Athens, and Bologna) to provide measurement-based validation of KPI improvements across multiple axes of instrumentation aligned to the project's objectives.

AKKA– through AKKA Research, its in-house innovation and R&D Department – is leading the design and development of a directory of Blueprints for the PRECINCT Ecosystem Platform, one of the main expected results of the project. The Blueprint Templates, designed by AKKA and its partners, will facilitate the development, set-up and smooth operation of PRECINCT tools and Digital Twins and their replicability in various regions. The Group will also contribute to the development of Digital Twins and the Serious Game tool, drawing on its technological expertise in Data Intelligence, simulation and IoT.

For more information about the PRECINCT project, please visit:

<https://www.precinct.info/>



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ABOUT AKKA

AKKA is a European leader in engineering consulting and R&D services. Our comprehensive portfolio of digital solutions combined with our expertise in engineering, uniquely positions us to support our clients by leveraging the power of connected data to accelerate innovation and drive the future of smart industry. AKKA accompanies leading industry players across a wide range of sectors throughout the life cycle of their products with cutting edge digital technologies (AI, ADAS, IoT, Big Data, robotics, embedded computing, machine learning, etc.) to help them rethink their products and business processes. Founded in 1984, AKKA has a strong entrepreneurial culture and a wide global footprint. Our 20,000 employees around the world are all passionate about technology and share the AKKA values of respect, courage and ambition. The Group recorded revenues of €1.5 billion in 2020. AKKA Technologies (AKA) is listed on Euronext Paris and Brussels – segment B – ISIN code: FR0004180537.

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