

The FINSEC project, promoted by Zanasi & Partners under the coordination of GFT Italia, has been approved and funded by the European Commission.

FINSEC (Integrated Framework for Predictive and Collaborative Security of Financial Infrastructures) is a research project on cybersecurity funded by the European Commission within the context of the Horizon 2020 programme. Its objective is to put together prominent financial institutions and global leaders in physical and IT security, in order to study and develop innovative solutions for the security needs of the financial sector as a whole.

The FINSEC project aims at developing a novel standards-based security reference architecture for integrated (both cyber and physical) security dedicated to the players of the financial domain, which could enable timely preparation against attacks, while at the same time facilitating stakeholders' collaboration for risk assessment/mitigation in the financial supply chain, as a means of confronting complex threats and their cascading effects.

FINSEC will provide a mature implementation of the reference architecture, based on the enhancement and integration of novel solutions of the partners (e.g. Anomaly Detection, AI CCTV Analytics, Risk Assessment Engines, Collaborative Risk Analysis & Management, Compliance), which will be bundled in a toolbox.

The implementation of the reference architecture, as well as the toolbox, will be validated through realistic pilots involving stakeholders in the identification, assessment and mitigation of threats. The five pilots involve high-impact scenarios including SWIFT network protection, buildings and ATM networks security, data/text mining, peer-to-peer payments network protection, blockchain systems, risk assessment for insurance purposes and securing financial SMEs. The pilots are expected to engage over 500 security and finance experts, while providing a representative coverage of the financial services industry (i.e. banking, capital management, insurance, card & P2P payments), which is a sound basis for FINSEC's broader impact. Towards maximum impact, FINSEC will establish an ecosystem of security solutions for the financial sector, which will be supported by the partners' dense network of sales, marketing, standardisation and regulation channels worldwide.

Zanasi & Partners (<http://www.zanasi-alessandro.eu>) is an Italian research and advisory company specialised in security and defence.

FINSEC project partners

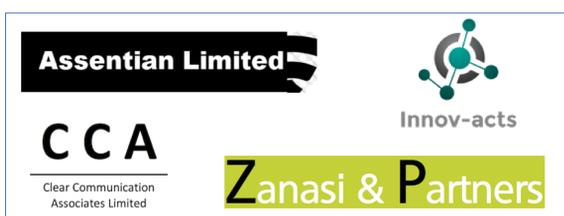
Large industries



Financial organisations



Security specialists



Research centres

