

Digital Tech

PROTECTME



STARTUP CREATION: PROTECTME (ITALY)

PARTNERS: ResilTech (Italy), Engineering Ingegneria Informatica S.p.A. (Italy), CEFRIEL (Italy), Budapest University of Technology and Economics (Hungary)

PROTECTME



“Providing Cyber Security Awareness”

ProTectME provides B2B cyber-risk management services to Medium Enterprises and help them to measure, understand, improve and certify their cyber-posture for Operational Technologies.

Converging Information Technology (IT) and Operational Technology (OT) system creates socio-economic impacts and exposes Medium Enterprises Industries 4.0 to interconnected security and safety risks. Organizations are unprepared for this new challenge against cybercrime. ProTectME will support MEs to assess and improve their cyber posture.

Defend IT, and now OT, needs to be sustainable. Evaluation of cyber risks is a fundamental instrument for governance, costs containment and maximization of ROI.



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Competitive Advantages

- Quantification of the cyber risk level – To measure the likelihood of the attack strategies to which an organization is exposed, the likelihood of being attacked by specific threat actors and provides both qualitative and quantitative impacts analysis based on the assets value
- Simulation of cascading effects of cyber-attacks and cyber-incidents – To estimated losses on both tangible and intangible assets of the organization
- ROI Maximization – Identifications and recommendations of the optimal combination of cybersecurity solutions to mitigate the cyber risks
- Cyber Security Certification - Achieving and maintaining security compliance against specific cyber and risk management standards

Target Markets

- Manufacturing Industries 4.0, any company or infrastructure with exposure to cybercrime - Medium Enterprises (ME) in Europe
- Banks and insurance agencies as users of the tool for assessing the risk of their customers

Status/ Traction

- Status: Minimal Viable Product is available for demonstration
- Partners: Engineering Ingegneria Informatica S.p.A., CEFRIEL, Budapest University of Technology and Economics

Road Map

2021

- Piloting and first customer engagement

2022

- 5 new customers and 1 retained

2023

- 5 new customers and 4 retained

2024 and beyond

- a +30% market growth is expected per year

Leveraged Technologies

RATING (Risk Assessment Tool for INtegrated Governance) is an ISO31010-based tool for the estimation of enterprise's cyber risks. It estimates cascading effects of cyber-attacks on company's tangible and intangible assets. In PrOTectME it is evolving to include the impact of cyber risks on Operational Technology (OT). Blockly4SoS tool it is evolving be enhanced in order to model main concepts of cyber-physical systems, infrastructure, and risk-related concepts. An Error Propagation Analysis (EPA) method and supporting solution is evolving to cover security aspects thus improving the MDE-based tool. All these technologies are going to be integrated to support PrOTectME's startup operations

Contact



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PROTECTME is an innovation activity proudly supported by EIT Digital.

EIT Digital supports entrepreneurial teams from research and business organisations in launching new startups and new products in agile 12-month projects called innovation activities. These activities are embedded in EIT Digital's European ecosystem and receive a financial co-investment to package their technology, sign up customers and attract investors.