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CyberKit4SME Partners:



EU Horizon H2020 Call
SU-DS03-2019-2020

Digital Security and privacy for citizens, Small and Medium Enterprises and Micro Enterprises

Budget: 4,890,725€

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Democratizing a Cyber Security Toolkit for SMEs and MEs

[Cyberkit4sme.eu](https://cyberkit4sme.eu)

CyberKit4SME:

Making SMEs more cyber-resilient

The EU-funded CyberKit4SME project will develop tools to enable small businesses to become more aware of the risks so as to monitor, forecast and manage them. Specifically, it will design affordable and easy-to-use encryption and isolation tools to protect data. Blockchain tools will also be advanced to enable SMEs to share intelligence and incident reports with computer emergency response teams.

Scope and objectives

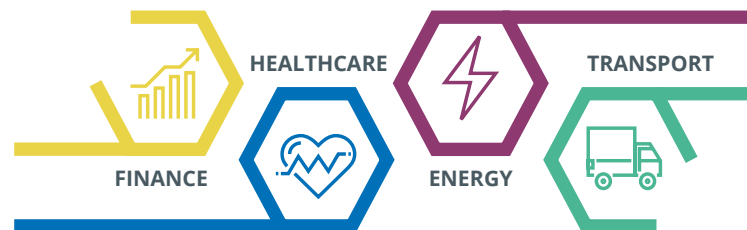
CyberKit4SME aims to democratize a kit of cyber security tools and methods enabling SMEs/MEs to:

- Increase awareness of cybersecurity risks, vulnerabilities and attacks;
- Monitor and forecast risks;
- Manage risks using organisational, human and technical security measures with greater confidence;
- Collaborate and share information in a collective security and data protection effort.

Methodology and Innovative Tool

- Offline risk modelling tools to support ISO 27005 risk analysis and privacy and data-protection 'by design'.
- Online cyber security risk monitoring based on collaborative security intelligence and event management (SIEM) tool.
- Cyber security incident reporting and security intelligence sharing support by a secure, privacy-aware blockchain framework, allowing SMEs to collaborate with CERTs, supply chain partners and other SMEs.

The project will use its tools and cyber range demos to train SMEs/MEs to identify their top threats and recognise and address them with greater confidence. Results will be validated by SME/ME in four critical sectors: Finance, Health Care, Energy and Transport.



Impact

CyberKit4SME will contribute in creating a trustworthy EU digital environment benefitting all economic and social by:

- **H**elping SMEs and MEs to become strong links in the cyber security chain underpinning the EU digital environment;
- **I**mproving the security of SME/ME services, data and infrastructures;
- **S**trengthening security, privacy and personal data protection;
- **R**educing the damage caused by cyber attacks and data protection breaches.



CyberKit4SME aims to help SMEs and MEs demonstrate compliance with any regulation that imposes requirements for cyber security or data protection.