

SME Success Story – June 2021



• EIGHT BELLS
Independent Research & Consultancy

EIGHT BELLS LTD

EIGHT BELLS LTD (8BELLS) participates in the H2020 EU research project “*GUARD: A cybersecurity framework to GUArantee Reliability and trust for Digital service chains*”. More specifically, 8BELLS implements a Deep Packet Inspection (DPI) framework as part of the GUARD embedded monitoring, inspection, and enforcement tools. Furthermore, 8BELLS implements APIs for retrieving information about data traffic monitoring and to configure/program properly the inspection engine.

In general, GUARD aims to develop an open and extensible platform for advanced assurance and protection of trustworthy and reliable business chains spanning multiple administrative domains and heterogeneous infrastructures. It aspires to fill the technological and procedural gap between legacy cybersecurity models and novel computing and networking paradigms, by developing an innovative platform for the protection of digital business chains that encompasses two main dimensions: service integrity and data sovereignty. The project fosters the integration of security capabilities into each digital component and orchestrates them to improve visibility over vulnerabilities, attacks, and private data. Validation and stakeholder engagement is assessed in industrial and medical use cases.

In this context, European Commission's Innovation Radar has analysed the innovations developed in the project. Details of this innovation, and how it was categorised by the analysis, are as follows:

- **Innovation Title:** Larger data set and improved correlation;
- **Market Maturity of the Innovation:** Exploring (based on a method [described in this paper](#));
- **Market Creation Potential of the innovation:** Addresses needs of existing markets (based on a method [described in this paper](#));

In this analysis Innovation Radar also identified the following project partner(s) - including our organization - in the project as a '**Key Innovator**' in the development of this innovation:

- EIGHT BELLS LTD
- AIT Austrian Institute of Technology GmbH
- CONSORZIO NAZIONALE INTERUNIVERSITARIO PER LE TELECOMUNICAZIONI

In the near future, the above information about this innovation will be published on the European Commission's Innovation Radar platform. The information will be accessible to the public via this platform, joining the 6300+ EU-funded innovations already showcased on the platform.

The Innovation Radar platform builds on the information and data gathered by independent experts involved in reviewing ongoing research and innovation projects funded by the European Commission. These experts also provided an independent view regarding the innovations in the projects and their market potential.

Innovation Radar believes that 8BELLS as Key Innovator could open up new opportunities to commercial partners or academic organizations, and trigger interest from potential customers or investors.