



eBOS Technologies Ltd



eBOS Technologies Ltd is an innovative software powerhouse SME providing technological advanced e-business software solutions to enterprise customers around the world. Headquartered in Cyprus, eBOS has a long history of engaging with international research and technology organisations, industrial leaders, universities, research organisations and SMEs to drive collaborative technological innovation and bring best-of-breed technologies to its enterprise customers and the wider community.

With an increasingly comprehensive portfolio of software solutions, investments in Research and Development are crucial to eBOS. The development of eBOS product portfolio as a specialist software powerhouse has equipped us with core competencies which we deploy in R&D projects. The knowledge and innovation gained from our participation to such projects are then fused into our solutions and services. Our activities not only seek to improve existing systems to keep them competitive, but also explore radically new solutions and technological breakthroughs. Our aim is to identify new and emerging technologies and leverage them to deliver cutting-edge, robust and cost-effective engineering solutions.

Our core areas of expertise include intelligent front-end dashboards and APIs development, advanced big-data analytics, Artificial Intelligence/Machine Learning, cybersecurity, quality assurance and data management, risk assessment and compliance, covering a wide range of application domains, including 5G, NFV/SDN, digital security, security of industrial IoT and others. Our expertise has been extended in the context of 5G-SOLUTIONS (<https://www.5gsolutionsproject.eu/>) and MonB5G (<https://www.monb5g.eu/>) 5G-PPP projects, including a recently funded ICT-53 project on 5G for connected and automated mobility (5G-ROUTES). We apply our expertise to different vertical domains, including Factories of the Future, Smart Energy, Smart Cities and Ports, Media & Entertainment, Transport & Logistics, Autonomous Mobility, etc.



eBOS is the Quality Assurance & Risk Manager in 5G-SOLUTIONS with the responsibility of organising and supervising quality review/peer reviews for all deliverables including the implementation of the quality management plan. eBOS is also engaged in the design and development of the technological enablers, and in particular of the front-end dashboard of the innovative smart KPI visualisation system for facilitating the near real-time analysis, presentation, benchmarking and performance validation of reference 5G network KPIs against predefined target values. eBOS also leads the design and the development of intent-based APIs for stimulating innovation and fostering the development, portability and provisioning of new innovative applications by SMEs.

eBOS has the role of the Dissemination and Communications Manager in MonB5G and is also currently working on the design of the MonB5G security framework, the development of AI-driven security algorithms to provide novel mechanisms for mitigation of network slicing threats, the integration and testing of all components and the proof-of-concept experimentation.

In 5G-ROUTES, eBOS will undertake the role of the Innovation Manager leading the relevant innovation, data management and IPR activities, and will leverage its expertise in front-end dashboards to design and develop the tenant web portal for facilitating access to the platform including the presentation of the results from the field trials.

eBOS is also actively participating in a number of 5G-PP Working Groups, including *Test, Measurement and KPIs validation WG*, the *Trials WG*, *Software Networks WG*, *Vision & Societal Challenges WG* and *NetWorld2020 SME WG*.

For further details visit www.5gsolutionsproject.eu, www.monb5g.eu and contact info@ebos.com.cy