

Project Acronym and Title:

5GhOSTS - 5TH GENERATION SECURITY FOR TELECOM SERVICES

Deliverable:

D6.5: SUPERVISORY BOARD OF THE NETWORK

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CO	Confidential, only for members of the consortium (incl. the Commission Services)	
CL	Classified, as referred to in Commission decision 2001/844/EC	

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Public introduction
5GhOSTS will analyze and improve the security of service-based implementations of 5G networks, relevant to protect the EU's critical communication infrastructure. Starting from the emerging 3GPP's service-based architecture for 5G networks, which includes virtualization of mobile and core network functions, the project aims to improve the security of virtualization technologies: containers, lightweight Virtual Machines and orchestration frameworks. Unlike previous evolutions in the telecommunications sector, the 5th Generation of Telecommunication Systems (5G) presents diverse and novel requirements for technologies such as heterogeneous air interfaces, Software Defined Networking, Network Functions Virtualization, Mobile Edge Computing and Fog Computing, as well as algorithms to optimize the management of such complex networks. As a result, the 5G evolution will mainly built on layers of software services. The telecom industry is migrating to virtualized and orchestrated environments, allowing the deployment of Virtual Network Functions (VNFs) on cloud infrastructure enabling the concept of network slicing. The main motivation driver for this move is sustainability through cost and energy reduction as well as full automation of telecom systems operations facilitating dynamic and scalable adaptation to service demands. State-of-the-art light-weight virtualization and container orchestration frameworks clearly contribute to this driver, but do not meet the stringent security requirements of telecommunication systems.

Executive Report Summary
This deliverable reports on the assignment of members and responsibilities of the 5GhOSTS supervisory board.

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1.The Joint Supervisory Board

The Joint Supervisory Board (JSB) is the main strategic decision making body of the 5GhOSTS consortium and consists of representatives from both EAB and KU Leuven. An ESR representative is elected by the ESR's and will represent all ESR's in the JSB (cf. Grant Agreement 3.2.1). The JSB will deliberate on:

- scientific progress and coordination
- joint recruitment of ESR's
- training program and doctoral studies
- budget transfers
- IPR and exploitation strategy
- dissemination activities

As the 5GhOSTS consortium is a small consortium of only two beneficiaries, all decisions will be taken by consensus. The Joint Supervisory Board shall consist of five representatives of each Beneficiary, one representative of each Partner Organisation and one elected representative of the ESRs (cf. D6.1, Consortium Agreement). The JSB of 5GhOSTS includes all ESR supervisors and co-supervisors (cf. Grant Agreement 3.2.1, 3.2.3). The JSB oversees the quality of the research training programme and the supervision of the ESRs. The JSB will ensure the balance between scientific/technological skills and the transferable soft skills with a focus on requirements from both the academic and the non-academic sector.

During the 5GhOSTS kick-off meeting in Leuven on 2019-10-19, the following people have been confirmed to be members of the JSB:

- Dr. Eva Fogelström, EAB (f)
- Dr. Christoph Baumann, EAB (m)
- Dr. Vlasios Tsiatsis, EAB (m)
- Dr. Noamen Ben Henda, EAB (m)
- Dr. Christine Edman, EAB (f)
- Prof. Wouter Joosen, KU Leuven (m)
- Prof. Peggy Valcke, KU Leuven(f)
- Dr. Jan Tobias Mühlberg, KU Leuven (m)
- Dr. Eddy Truyen, KU Leuven (m)
- Dr. Kim Wuyts, KU Leuven (f)
- Dr. Johan Peeters, SecAppDev (m)
- 1 ESR (m/f)

The consortium is committed to take all measures to promote equal opportunities between men and women in the implementation of the action. We aim, to the extent possible, for a gender balance at all levels of personnel assigned to the action, including at supervisory and managerial level (cf. Grant Agreement article 33.1).

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2.The Project Management Board

The Project Management Board (PMB), or the operations team, will follow up on financial management, administration, communication and any day-to day issues. The Project Management Board shall be proposed by the Coordinator. It shall be appointed by the Joint Supervisory Board and shall assist and facilitate the work of the Joint Supervisory Board.

The Project Management Board shall provide assistance to the Coordinator for executing the decisions of the Joint Supervisory Board. It will follow up on financial management, administration, communication and the day-to-day management of 5GhOSTS (cf. D6.1, Consortium Agreement).

During the 5GhOSTS kick-off meeting in Leuven on 2019-10-19, the following people have been confirmed as initial PMB members:

- Dr. Christoph Baumann, EAB (m)
- Dr. Christine Edman, EAB (f)
- Dr. Jan Tobias Mühlberg, KU Leuven (m)
- Katrien Janssens, KU Leuven (f)

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