



Panel discussion: YAKSHA software in verticals

Final event – 9/12/2020



Panelists for this session

Dr Komain



Alexandros Kostopoulos Dr Warusia Mohamed Yassin



Dr. Komain Pibulyarojana, Director of Programmes for Information Technology for National Security, ThaiCERT, National Electronics and Computer Technology Center (NECTEC)

Alexandros is a research engineer working at OTE, where he works in the R&D department. He has been recently involved in testing IoT pre-production services for security (YAKSHA pilot).

Warusia Mohamed Yassin is a senior lecturer in Department of Computer Systems and Communication at the Faculty of Information Technology and Communication, Universiti Teknikal Malaysia Melaka (UTeM).



Objectives

- Cybersecurity **challenges in verticals**
- **The importance of a solution like Yaksha** for addressing these challenges by improving information and analysis on attacks and weakness
- **How to move forward:** what's beyond YAKSHA?



Context

- Cybersecurity has always been **a horizontal technology practice** that is roughly the same across all industry sectors;
- **Some industries have different regulations, use cases or business processes** that demand specific security controls. They are also facing various exposure and threats in terms of cybersecurity;
- The composition of each sector in terms of actors can also differ and **a solution available for large company might be too complex to be managed by an SME or too expensive**



Verticals to be discussed today

- **Public sector:** a key end-user sector for cybersecurity solutions and has wide responsibility. It shall ensure the security of its facility, of the whole public systems, of its interventions (education, health, security, etc.) and also about the democratic process, as the event in the last years have shown.
- **IoT** and its implication on various end-users (strategic facilities, hospital, industry)
- **Critical infrastructures**, essential for the maintenance of vital societal functions, health, safety, security, economic or social well-being of people



Question n°1

What are in your view the key trends in cyberthreats in these verticals?

Would you say that some of these threats are specific to the verticals?

Question n°2

To what extent does a specific solution allowing to increase the speed of identification and analysis of cyberthreats can be considered as essential in these verticals?



Question n°3

Who should be responsible for implementing and managing such systems in these verticals? What type of actor?



Question n°4

What would be the challenges and obstacles for the implementation of the solution?





Question n°5

How can this type of solution be brought/introduced to improve the security?





Thanks!



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 780498

