YAKSHA Target Groups

SMEs and large organisations

Knowledge and R&D organisations

Critical infrastructure organisations

Associations, Network of Organisations and other interested parties incl. media representatives and NGOs

Government and policy making organisations

YAKSHA Ambassadors
Network of 100+ voluntary representatives

Representation of YAKSHA **in ASEAN countries**

Awareness raising of **technology/software** developed by YAKSHA

Testing of YAKSHA **technologies** through end **user events**

Enhancement of sustainability potential of YAKSHA technologies

Development of international cooperation network of YAKSHA
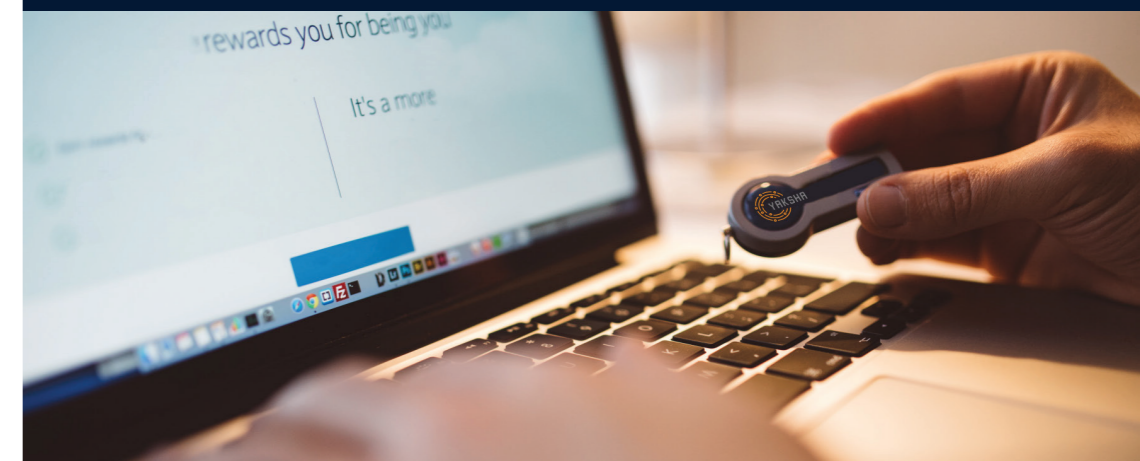

YAKSHA Consortium

Europe

- Sociedade Portuguesa de Inovação, Portugal (Coordinator)
- University of Piraeus Research Centre, Greece
- Studio AG, Italy
- Inno TSD, France
- Motivian, Bulgaria
- Hellenic Telecommunications Organization S.A. - OTE, Greece
- VTT, Finland
- Atos, Spain

Southeast Asia

- Vietnam Software Association, Vietnam
- Cybersecurity Malaysia, Malaysia
- National Science and Technology Development Agency, Thailand
- ASEAN Chief Information Officer Association, Thailand
- Digital Identity Solutions, Vietnam

Project Contacts

f 🐦 in

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🌐 http://project-yaksha.eu
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YAKSHA
cYbersecurity Awareness and Knowledge Systemic High-level Application

YAKSHA aims to reinforce cooperation between the EU and ASEAN and build partnerships in the Cybersecurity domain by developing an innovative software solution for malware detection, collection and analysis.
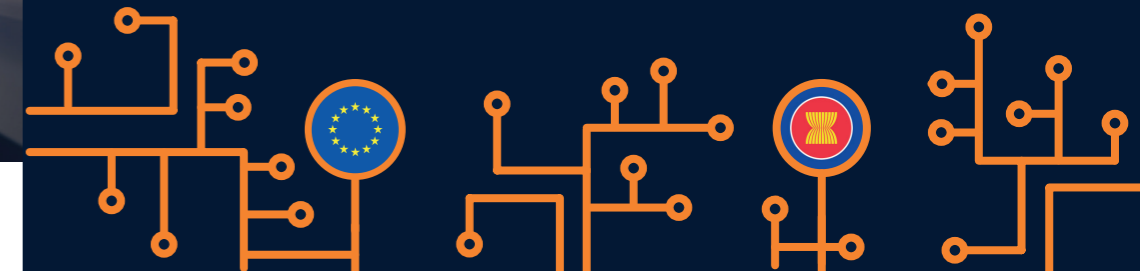
YAKSHA in a Nutshell

Project Lifetime: **1st January 2018 – 30th June 2020**
Total Budget: 2,506,226.25 EUR (including a contribution from the European Commission of 1,998,813.75 EUR)

YAKSHA Motivation

Develop and implement a software toolkit to **improve Cybersecurity** technology adoption and **development of organisations** in the **ASEAN region**.

YAKSHA Strategy

Focus on **adapting & integrating** other domain technologies into innovative solutions

Real-world pilot projects in both, EU and ASEAN

Joint actions of European partners and ASEAN organizations all along the development process

YAKSHA Objectives/Results

- Enhance cybersecurity readiness levels
- Help better prevent cyber-attacks
- Reduce cyber-risks
- Better govern the whole cybersecurity process
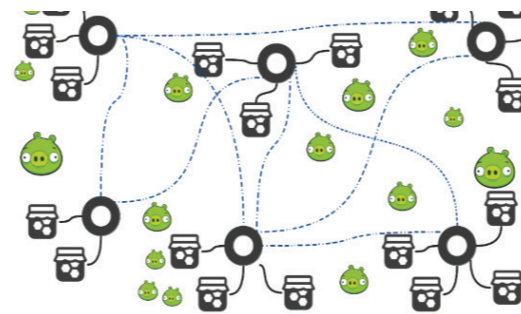- Enable sustainable uptake of scientific, technical and economic results
- Foster cooperation and partnerships between EU-ASEAN to endure beyond the project scope
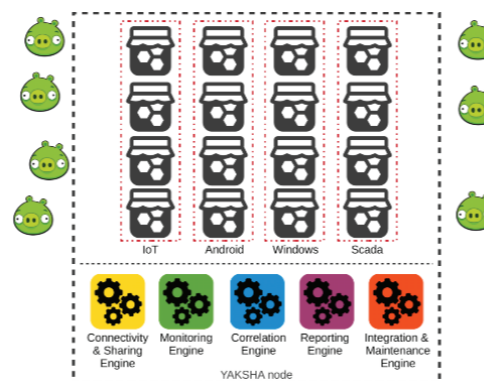
Honeypots will become essentially a cloud-based service
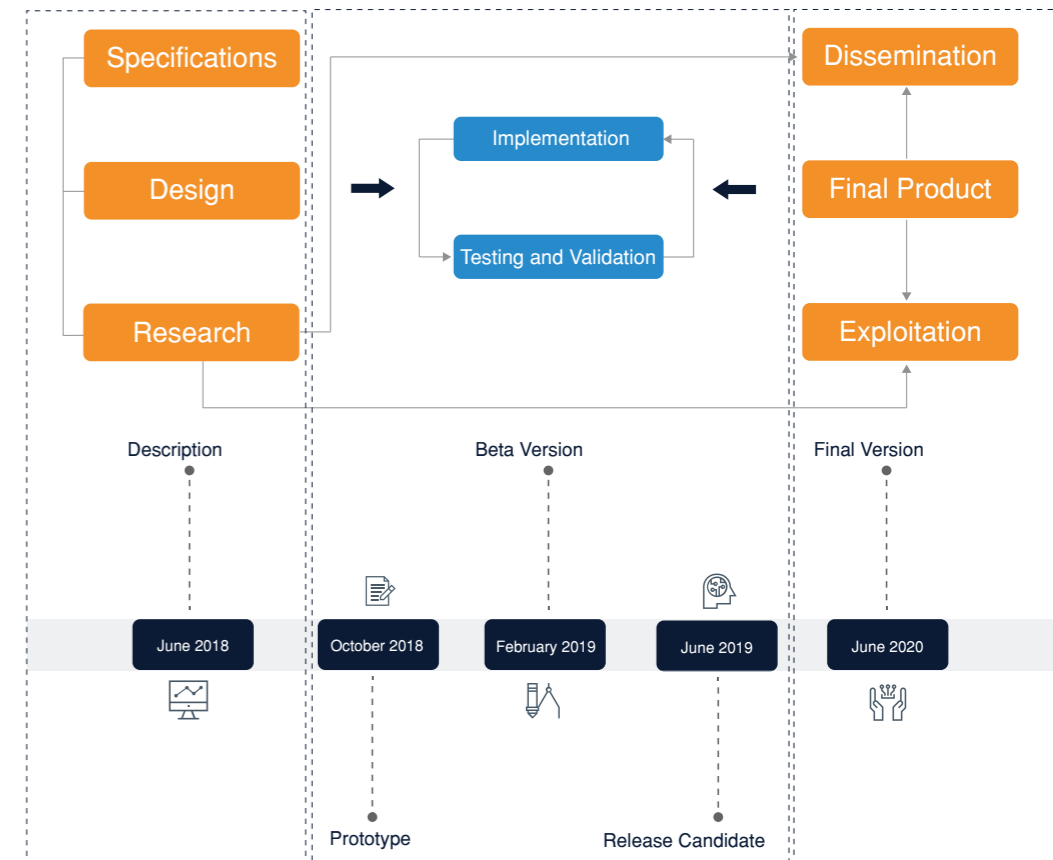
(HaaS "Honeypot as a Service")

The YAKSHA Architecture: A distributed system with independent honeypots where YAKSHA nodes share information selectively with others

YAKSHA node: installed honeypots are exposed to the Internet and the support backend engines

IoT Android Windows Scada

Connectivity & Sharing Engine | Monitoring Engine | Correlation Engine | Reporting Engine | Integration & Maintenance Engine

YAKSHA node

The Architecture of YAKSHA node

Specifications
Design
Research

Implementation
Testing and Validation

Dissemination
Final Product
Exploitation

Description — June 2018
October 2018 — Prototype
Beta Version — February 2019
June 2019 — Release Candidate
Final Version — June 2020

YAKSHA Certification
European label of technology excellence

Establishment of a **permanent identity** of YAKSHA

Sustainable recognition of YAKSHA **technologies**

Commercialisation of **software** and **associated services** developed

Development of **ecosystem** of **partners/start-ups**