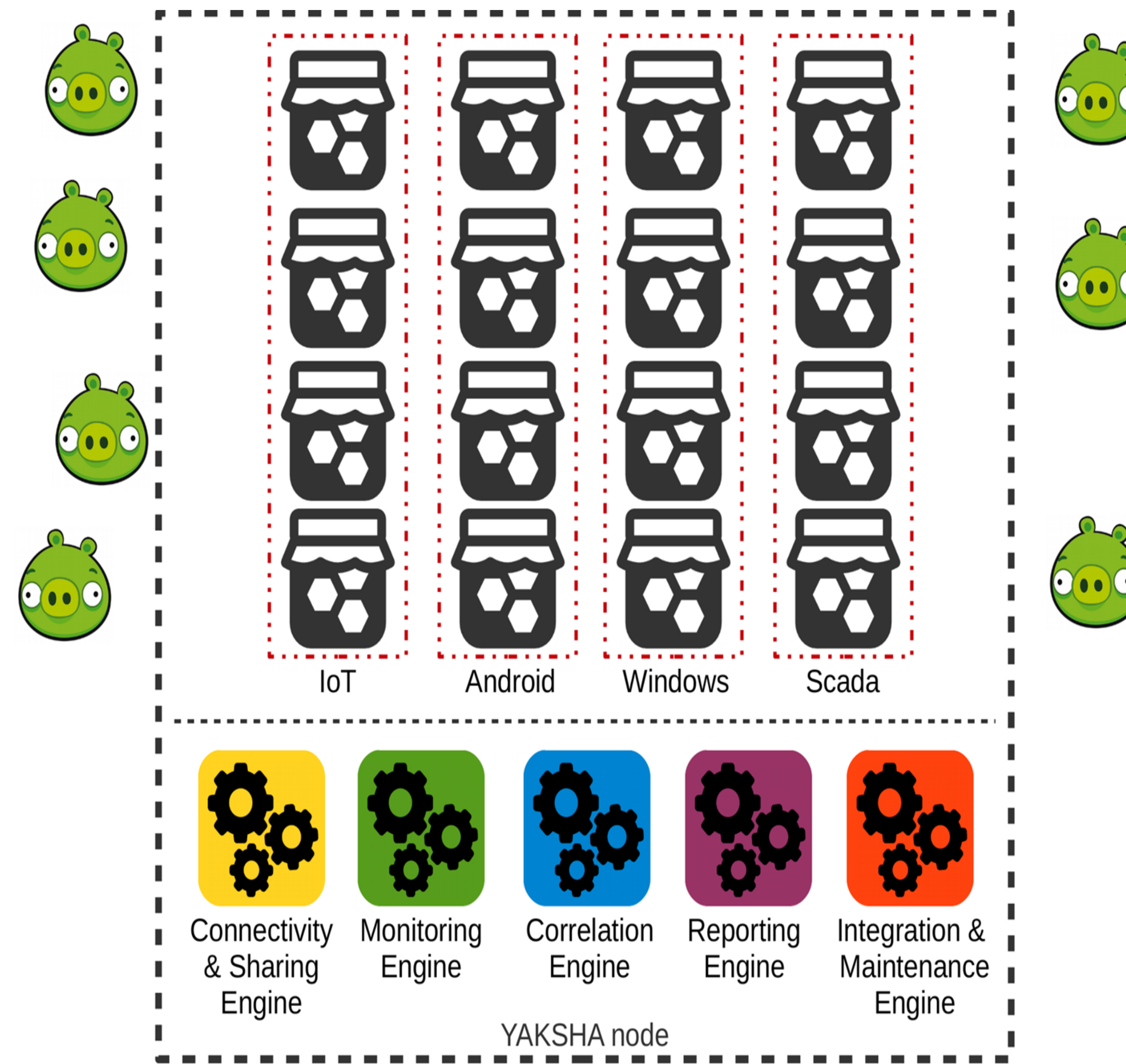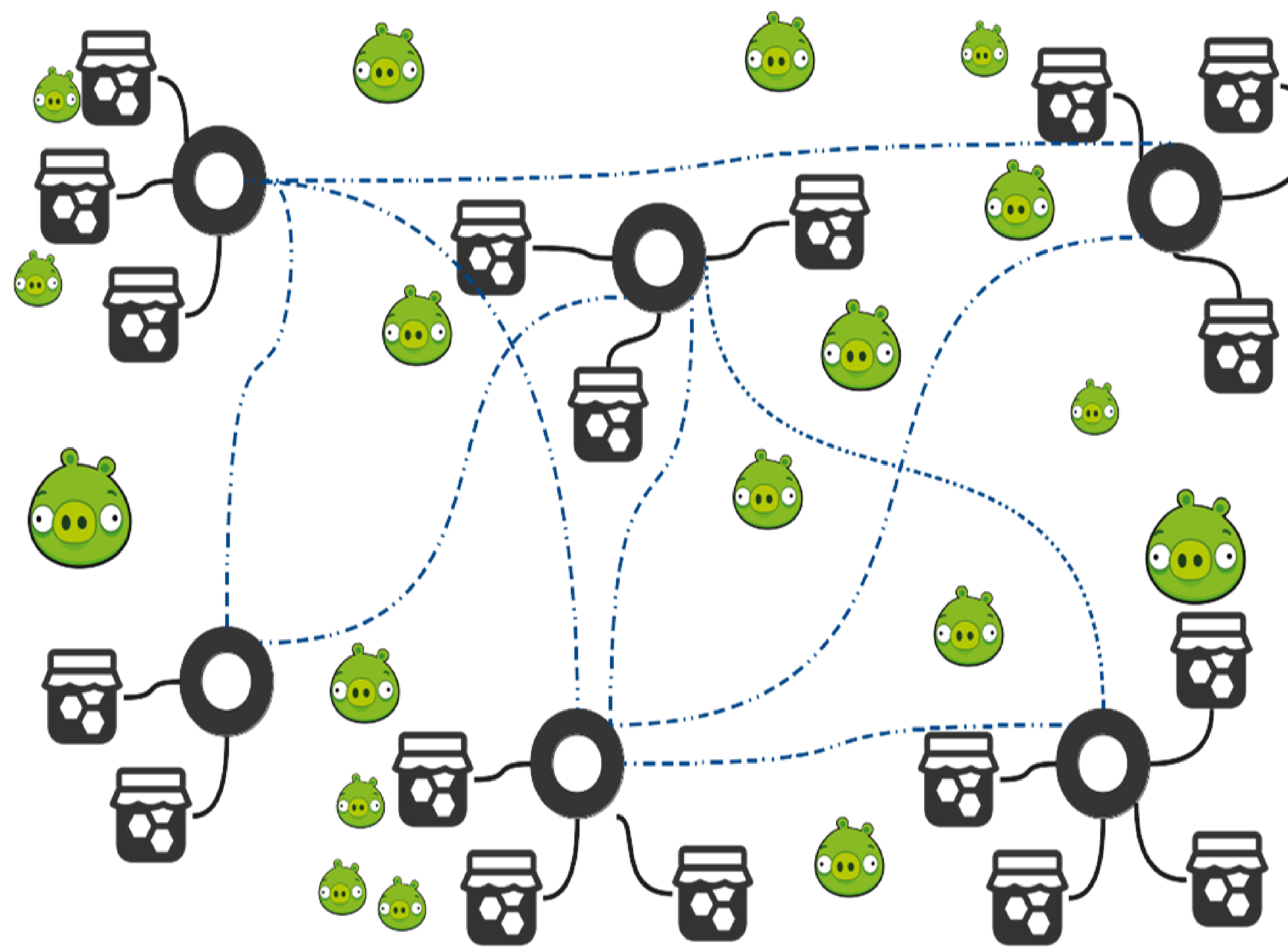## Core Concept:
Honeypot Analytics as a Service

- Many companies and organisations would like to test the systems they deploy in terms of security, however they are not always able to do it appropriately. Moreover, since the developments in this field are continuous, many end users would like to be informed about zero day exploits for their systems.
- YAKSHA will enable organisations to handle this task in an automated way, allowing different modalities of processing and features, whether this is access to sample of other nodes or more advanced algorithms.
- The goal is to allow organisations to easily deploy a honeypot based on their specifications and receive analytics about the attacks that their systems are exposed to.
- The analytics will provide a report which can be understood by non-security related people and assist in managerial decisions.

IoT   Android   Windows   Scada

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

YAKSHA node

- YAKSHA will assist organisations which have understaffed security departments to execute tests on their systems that wouldn't be possible otherwise. Moreover, their results, if they want to, will be correlated with others, extending the threat intelligence of their organisations and others.
- The honeypots will vary in terms of architecture, allowing organizations to choose from typical Windows/Linux desktop and servers as well as "things" powered by e.g. Android or other operating systems for SCADA or IoT devices.
- Organisations will be able to choose what they share, with whom and when, allowing them to be totally isolated or share everything with all participating nodes.
- The project will be based on Open Source tools and will also improve and create new Open Source tools.

EU-ASEAN Partnership

- The ASEAN region has recently experienced a significant growth in the ICT domain. Along the expansion of the ICT usage, a large number of cybersecurity issues have also occurred which represent a major threat to the well-functioning of the ASEAN businesses, public administration and the society as a whole.
- In this regard, YAKSHA is fully in line with the current EU-ASEAN cooperation priorities, in which joint EU-ASEAN efforts and engagement have been stressed in the area of security and defense, with particular emphasis on non-traditional security areas, such as Cybersecurity.
- YAKSHA will increase cooperation in this domain between the two regions and will provide practical solutions to prevent cybercrime in the ASEAN region, leveraging EU-ASEAN knowledge and the most recent technological advances to reach this goal. Moreover, it will put into practice a true collaboration in the field, co-creating technologies that are able to respond to real user requirements and needs.
- Through a series of events, YAKSHA will also promote knowledge sharing as well as will develop a YAKSHA business ecosystem of partners to be ready for commercial exploitation beyond the end of this 2.5 years project.

To keep yourself updated, follow us on Twitter, Facebook and LinkedIn @
project_yaksha

SPI — Sociedade Portuguesa de Inovação (Coordinator) | UNIVERSITY OF PIRAEUS | StudioAG | inno | MOTIVIAN | COSMOTE our world is you | VTT | Atos | vinasa | CyberSecurity MALAYSIA | NSTDA | ACIOA ASEAN Chief Information Officer Association | DISE