Newsletter/ February 2020—Issue 3

SECONDO

a Security ECONomics service platform for smart security investments and cyber insurance pricing in the beyond 2020 networking era

PROJECT COORDINATION

Prof. Christos Xenakis

School of Information and
Communication Technologies
Department of Digital Systems
University of Piraeus
Karaoli and Dimitriou 80,
PC 18534, Piraeus, Greece
Tel: +30 210 4142776
email: xenakis@unipi.gr

PROJECT DETAILS

Project number: 823997

Project Website: secondo-h2020.eu

Project start: 1st January 2019

Duration: 48 Months

Total cost: EUR 1 600 800

EC Contribution: EUR 1 600 800

SECONDO consortium, proudly announcing that WP 2 "Requirements, Business Cases and Architecture" has been completed with great success. It managed to collect, select and assemble detailed information from user groups to define users, usage, and business requirements of the SECONDO platform. The use of appropriate tools helped in translation of the operational needs of SECONDO stakeholders to technological requirements. The reference platform architecture of SECONDO delivered and complies with the functional and non-functional requirements.

SECONDO use cases are the following:

- Human susceptibility to cybersecurity breaches in IoT-enabled smart home

- Optimal Patching of Airport Cyber Infrastructures

- Cyber Insurance for Innovative SME

- Cyber Risk Transfer in Maritime Industry

As we are in the middle of WP 3 "Quantitative Risk Analysis and Data Analytics", **SECONDO** consortium is still in progress. The specific working package focuses on the valuation of digital assets that might be categorized as both tangible and intangible.

Quantitative Risk Analysis and Data Analytics

The progress of WP3 "Quantitative Risk Analysis and Data Analytics" as it is in progress will focus on the valuation of digital assets that might be categorized as both tangible and intangible. Its outcome will feed the Econometrics Module.

Will provide the Quantitative Risk Analysis Metamodel (QRAM) that quantitatively estimates the exposed cyber risks. It will then design the Risk Analysis Ontology and Harmonization Module (RAOHM).

Furthermore, will give the intelligent Big Data Collection and Processing Module (BDCPM) that acquires risk related data either from internal organizational sources, e.g. network infrastructure, Security Information and Event Management (SIEM), log files, users' interaction, etc., or external sources, e.g. social media and other internet-based sources, including Darknet, using specialized crawlers.
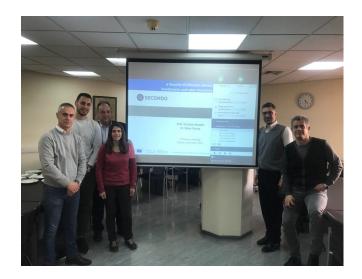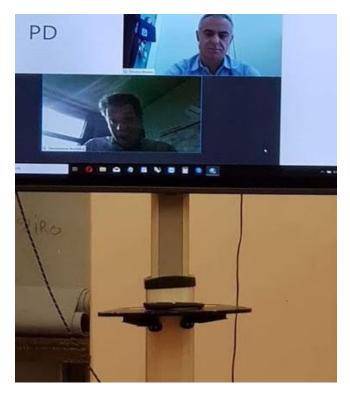
NEWS AND EVENTS

.εu event in Athens

SECONDO plenary meeting

Hacking Democracy

NEWS AND EVENTS

SECONDO at the Critical Infrastructure Security and Resilience (CISaR) Workshop, Norway

NEWS AND EVENTS

Mastering Enterprise Management and SECONDO

SECONDO at the Safer Internet Day 2020, Cyprus

timestamp":"2017-06-03T18:42:18.918...
com.orgmanager-handlers.Reque...
eChars":"5022","message":"Durati...
URL":"/app/page/analyze","webPar...
ationMillis":"36"}{"timestamp":"2017...
pbParams":"file=chartdata_new.jso...
sionID":"1440zn620jm9trnd3s3n7wgo6...
ltaStartMillis":"0"...,"level":"INFO"...
uestID":"789d89cb-bfa8-4e7d-8047...
ationMillis":"7"}{"timestamp":"2017-05-03T18...
ss":"com.orgmanager-handlers.RequestHandler...
eChars":"10190","message":"Duration Log...
URL":"/app/rest/json/file","webParams":"file=chartdata_new.json}...
uestID":"7ac6ce95-19e2-4a60-88d7-6cad88ce27d1...
ationMillis":"23"}{"timestamp":"2017-06-03T18:42...
ss":"com.orgmanager-handlers.RequestHandler...
eChars":"5022","message":"Duration Log...
URL":"/app/page/analyze","webParams":"2017-06-03T18...
ationMillis":"36"}{"timestamp...
bParams":"file=chartdata_new.json...
sionID":"1440zn620jm9trnd3s3n7wgo6...
ltaStartMillis":"0"...,"level...
uestID":"789d89cb-bfa8-4e7d-8047-2017...
ationMillis":"7"}{"timestamp...
ss":"com.orgmanager-handlers.Reque...

NEWS AND EVENTS

"Athens Calling" For Cyber Security

SECONDO at the 7th Information Security Conference

UPCOMING DELIVERABLES

D3.1 Pricing Methods and Risk Modelling

D3.2 Big Data Collection and Processing

D5.1 Cyber Insurance Market, Attributes and Sources

D7.1 Dissemination and Standardization Plan and Activities (midterm)
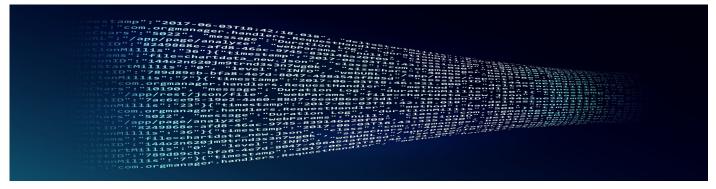
UPCOMING EVENTS

10 - 15 May : Summer School on "IoT Analytics: Research and Innovation" & "Entrepreneurship 101"

During year 2020 there will be more:

♦ Talks

♦ Events

♦ First **SECONDO** Workshop

♦ More scientific publications in journals with high impact factor and well known conferences

timestamp":"2017-06-03T18:42:18.918...
"com.orgmanager-handlers.Requ...
Chars":"5022",   "message":...
URL":"/app/page/analyze...
uetID":"8249868e-afd8-46ac-9745...
tionMillis":"36"}{"timestamp"...
bParams":"file=chartdata_new.json...
ionID":"1440n620jm9trend3s3fweek...
taStartMillis":"0","level":"INFO"...
uestID":"789d89cb-bfa8-4e7d-847...
tionMillis":"7"}{"timestamp":"2017-06...
":"com.orgmanager-handlers.RequestHandl...
Chars":"10190","message":"DurationMill...
URL":"/app/rest/json/file","webParams...
uestID":"7ac6ce95-19e2-4a60-88d7-6aad8ce273d1...
tionMillis":"23"}{"timestamp":"2017-06-03T18:42...
:"com.orgmanager-handlers.RequestHandler...
Chars":"5022","message","webParams"91462...
URL":"/app/page/analyze...","DurationMill...
uetID":"8249868e-afd8-46ac-9745...
bParams":"file=chartdata_new.json...
ionID":"1440n620jm9trend3s3fweek...
taStartMillis":"0","level":"INFO"...
uestID":"789d89cb-bfa8-4e7d-847...
tionMillis":"7"}{"timestamp"...
ss":"com.orgmanager-handlers.Request...

FOLLOW US FOR OUR LATEST NEWS

VITIS US FOR OUR LATEST NEWS

www.secondo-h2020.eu

@H2020Secondo   @H2020Secondo   SECONDO Project

SCAN ME

UNIVERSITY OF PIRAEUS

UNIVERSITY OF SURREY

Cyprus University of Technology

UBITECH
ubiquitous solutions

CROMAR
INSURANCE BROKERS LTD

LS TECH
Insightful Analytics

FOGUS
INNOVATIONS & SERVICES

UNIVERSITY of GREENWICH