

WE INTRODUCE YOU TO THE **SIXTH SECONDO** NEWSLETTER!

We present you the sixth newsletter of the SECONDO. Having reached the 27th month of the project, the secondees continues with all core technical and work packages. Considering the tangible and intangible elements that are vital for the project, the consortium is moving with all core elements to the next steps. The research combined with technical and academic knowledge is the driving force behind the project's milestones which are leading towards the completion of the project.

Currently, the active secondees are working also on Task 5.2 “Cyber insurance policy ontology” which will design and develop an ontology that provides a common vocabulary and language of the cyber insurance policies. The ontology will be used to model the insurance policy of an underwriter, empowering the SECONDO platform to automatically incorporate this policy. Additionally, will serve as a reference insurance policy that facilitates both benchmarking and elimination of information asymmetry.

Moreover, secondees are developing the Big Data Collection and Processing Module (BDCPM) which is an innovative technology that provides analytics on Internet sources regarding state-of-the-art security solutions as well as their cost. Regarding the BDCPM, secondees are processing all the vital parts of the module as it will have a crucial role in the SECONDO platform. The setup is in the final stage, the data ingestion procedure has been designed to support the integration of the various data sources.

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PROJECT COORDINATION

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PROJECT DETAILS

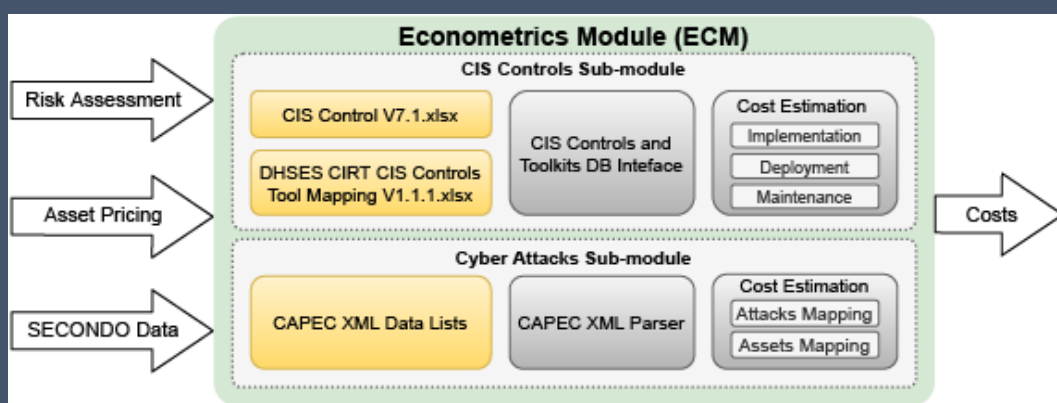
Project number: 823997
Project Website: secondo-h2020.eu
Project start: 1st January 2019
Duration: 48 Months
Total cost: EUR 1 600 800
EC Contribution: EUR 1 600 800

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“THE ECONOMETRICS MODULE (ECM)”

The researchers have completed Task 4.1 “Cyber security cost-benefit analysis”. Task 4.1 provides the methodology that interprets the output of a risk assessment as a proper input to cost estimation of a cyber insurance contract. In terms of cyber insurance, the task created the methodology that insures the need to calculate a premium. Also, Task 4.1 delivers the Econometrics Module (ECM) that provides and estimates all kinds of costs from potential attacks.



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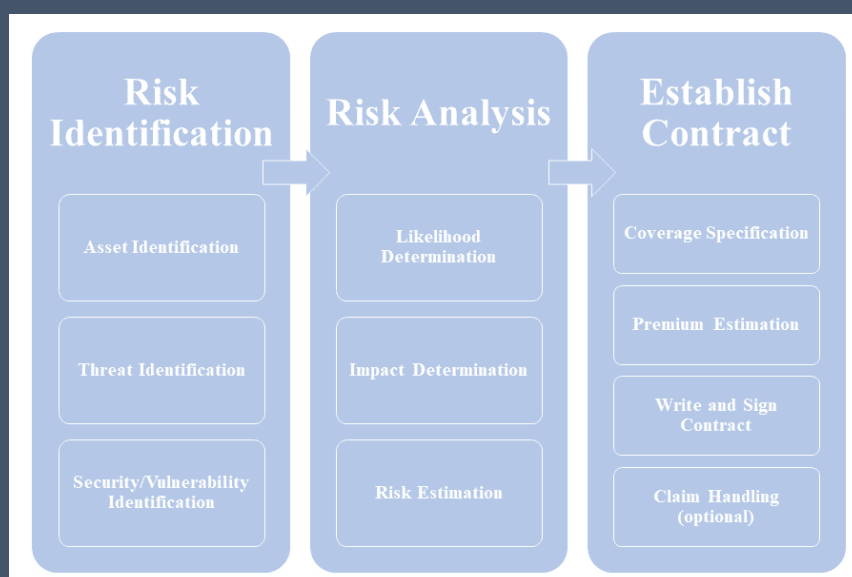
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“CYBER INSURANCE MARKET, ATTRIBUTES, AND SOURCES”

Another significant aspect of issue 6 is the completion of Task 5.1 “Cyber insurance market, attributes, and sources”. The task delivers thorough research about the cyber insurance market as well as presents the current insurance policies. By leveraging novel methods to calculate the cyber premiums in order to devise the level of financial protection being offered rather than cyber-attacks trends. Finally analyze all possible changing trends and critical characteristics, how insurance policies are affected, and the parameters that affect cybersecurity.



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SECONDO News



Cyberwatching.eu Published the Report from 17Th Webinar on Cybersecurity Risk Management

SECONDO Researchers Working on Twitter Crawler



SECONDO at the Online Event of (ISC)2 Hellenic Chapter

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

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New SECONDO Brochure

SECONDO Has Been Selected From Cyberwatching.eu As "Project of the Week"



SECONDO:
OPTIMIZING
CYBERSECURITY
INVESTMENTS AND
CYBER INSURANCE

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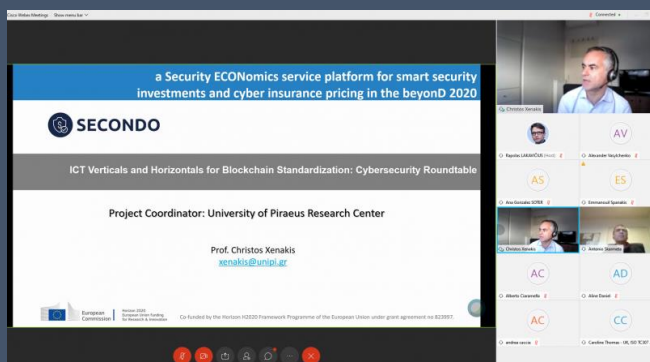
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SECONDO News



SECONDO on “ICT Verticals and Horizontals for Blockchain Standardization”

SECONDO Among Participants on InsurTech Conference 2021



European Data Protection Day

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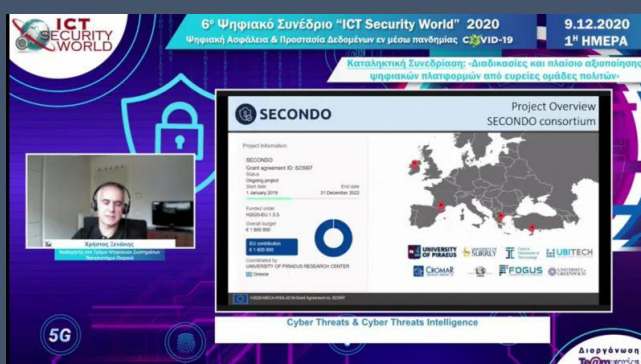
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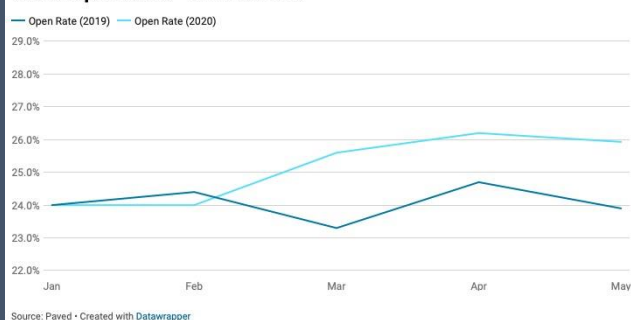
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SECONDO on 6th ICT Security World Conference

Security Research About Phishing

Global Open Rates - 2019 vs 2020



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SECONDO Publications



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- A. Angelogianni, I. Politis, F. Mohammadi and C. Xenakis, "On identifying threats and quantifying cybersecurity risks of MNOs deploying heterogeneous RATs," in IEEE Access.
- Farao A. et al. (2020) SECONDO: A Platform for Cybersecurity Investments and Cyber Insurance Decisions. In: Gritzalis S., Weippl E.R., Kotsis G., Tjoa A.M., Khalil I. (eds) Trust, Privacy and Security in Digital Business. TrustBus 2020. Lecture Notes in Computer Science, vol 12395. Springer, Cham.
- Sakshyam Panda, Daniel W Woods, Aron Laszka, Andrew Fielder, Emmanouil Panaousis, Post-incident audits on cyber insurance discounts, Computers & Security, Volume 87, 2019.
- Laszka A., Panaousis E., Grossklags J. (2018) Cyber-Insurance as a Signaling Game: Self-reporting and External Security Audits. In: Bushnell L., Poovendran R., Başar T. (eds) Decision and Game Theory for Security. GameSec 2018. Lecture Notes in Computer Science, vol 11199. Springer, Cham.
- Nikolaos Koutroumpouchos, Georgios Lavdanis, Eleni Veroni, Christoforos Ntantogian, and Christos Xenakis. 2019. ObjectMap: Detecting Insecure Object Deserialization. In 23rd Pan Hellenic Conference on Informatics (PCI '19), November 28–30, 2019, Nicosia, Cyprus. ACM, New York, NY, USA, 6 pages.

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