HEIR

Newsletter #5

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Main achievements

The past 6 months have been a productive and exciting period for HEIR.

More specifically, we've focused our efforts on the finalisation of all HEIR's technical components by expanding the suite of tools contributing to the calculation of the local RAMA score, by adding the Security Information and Event Management (SIEM) and Threat Detection Module. Moreover, we've updated all HEIR's tools to their final version and redeployed them in all four pilots of the project.

Additionally, we have also been able to reach a wider audience through numerous events and presentations and share our results with the public. We are proud of what we have accomplished so far and look forward to continuing our journey.

The final year of a project is critical for its success, as it's the time for validating the results and demonstrating their impact. To accomplish this, we've created a detailed plan for the validation of HEIR's solution in all four pilots.

Stay tuned for the upcoming updates by following us on our Social Media Channels.

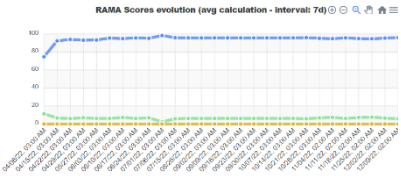


Figure 1 Evolution of the local RAMA score in one of HEIR's pilots.

Meetings

In the 6 months since our last Newsletter, HEIR organized the following project meetings:

- 3rd Technical Meeting, Athens, Greece
- 6th Plenary Meeting, Bucharest, Romania
- 7th Plenary Meeting, Bergen, Norway
- Consortium meetings

Publications

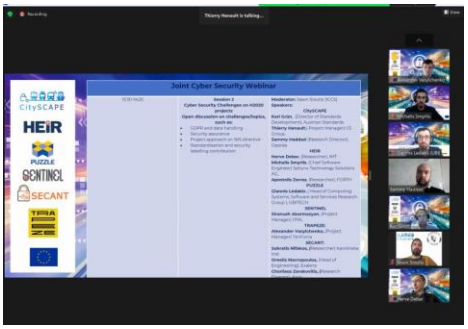
The following publications were submitted by HEIR partners:

- Marwan Adnan Darwish, and Apostolis Zarras. " Digital Forgetting Using Key Decay"
- Charlie Gorh, Sergej Proskurin, and Apostolis Zarras. "Free Willy: Prune System Calls to Enhance Software Security"

For more information about the project deliverables and publications, visit HEIR's ZENODO community: https://zenodo.org/communities/heir_project.

Events / Workshops

Joint Cybersecurity Webinar (Online)



The H2020 projects CitySCAPE, HEIR, PUZZLE, SENTINEL, SECANT and TRAPEZE will present their results achieved so far and then will join forces on a fruitful discussion about the cyber security challenges and issues in different domains (transport, health, SMEs/MEs). The webinar was organised by the Cityscape project and I-SENSE Group of the Institute of Communication and Computer Systems (ICCS).

Roundtable discussion on Security and Secure Information Exchange in the Healthcare Sector

HEIR along EU-CIP P., ECSCI, NESIOT, JCOP.eu, CybeCNI, CVPIP, CybAlliance, SFI-NORCICS, B-CRATOS, and Phoeni2x organized a roundtable discussion on security and secure information exchange in the healthcare sector. The meeting was hosted by Norsk Regnesentral in Oslo, Norway.

Blogposts

HEIR, in order to share knowledge and information with a larger audience and share, published the following blog posts:

- Fine-grained access control for Healthcare FHIR data with secure, non-repudiable logging
- Strengthening ICT infrastructure & data security in healthcare organizations
- RAMA: A Risk Assessment score for Medical Applications
- Healthcare Cloud Security Explained
- Anomaly Detection Module
- HEIR's Norwegian Pilot

The blog posts are available on HEIR's website (https://heir2020.eu/blog/).

Upcoming Events

8th Plenary Meeting

HEIR's 8th Plenary meeting will be held in Croydon, UK from the 26th to the 27th of April.

Pilot Info and Training Day

HEIR will organize a half-day event for all four pilots. The aim of this event will be to train IT and non-IT experts of the hospitals in the HEIR solution.

SCENE 2023

HEIR, alongside AI4HealthSec and Smart Bear EU-funded projects, is organizing the 1st International Workshop on Safeguarding Cybersecurity in Healthcare (SCENE 2023) that will be held in conjunction with the International Conference on the Design of Reliable Communication Networks (DRCN 2023) in Vilanova, Spain, on the 20th of April 2023.

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