HEIR

In this Issue

Main achievements

The HEIR project has reached significant milestones and played a substantial role in advancing healthcare cybersecurity. Throughout the final phase of the project, the consortium diligently validated the results and showcased their impact through various events and presentations, engaging with a broader audience to share our progress and achievements openly.

Since HEIR is officially over, we now focus shifts to preparing the final demonstrations for the concluding review. Acknowledging the criticality of this phase in any project's success, we remain committed to delivering a solution that will profoundly enhance healthcare services across Europe. We encourage you to stay updated with our progress by following us on our social media channels.

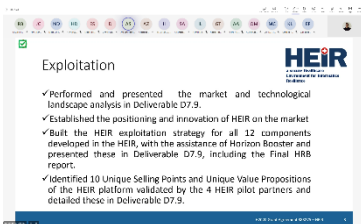Together, we can continue building a stronger and more secure healthcare system for everyone.

Figure 1 HEIR's Rehearsal for the final review

Deliverables

During the final months of the project, we succesfully combined and submitted the following deliverables:

- D5.5 - Best practices for maintaining/operating the framework in the long-run-TRL7
- D5.6 - HEIR Open Data Pilot Contribution
- D6.3 - Assessment report and impact analysis
- D7.4 - Dissemination strategy and activities, stakeholders' engagement and business opportunities – P2
- D7.6 - Legal framework monitoring report – P2
- D7.8 - Exploitation strategy, training material and activities – P2
- D7.9 - Final business model and long-term sustainability report
- D7.10 - HEIR training for experts and non-experts report

The publiccly available deliverables can be downloaded from: https://heir2020.eu/deliverables/

Publications

HEIR, during its final year, intensified its efforts and managed to successfully submit the following papers:

- Mohammad Reza Norouzian, Peng Xu, Claudia Eckert, and Apostolis Zarras. Hybroid: Toward Android Malware Detection and Categorization with Program Code and Network Traffic. In Proceedings of the 24th Information Security Conference (ISC), 2021.
- Misha Glazunov and Apostolis Zarras. Do Bayesian Variational Autoencoders Know What They Don't Know? In Proceedings of the 38th Conference on Uncertainty in Artificial Intelligence (UAI), 2022.
- Marwan Darwish and Apostolis Zarras. Digital Forgetting Using Key Decay. In Proceedings of the 38th ACM/SIGAPP Symposium on Applied Computing (SAC), 2023.
- Charlie Groh, Sergej Proskurin, and Apostolis Zarras. Free Willy: Prune System Calls to Enhance Software Security. In Proceedings of the 38th ACM/SIGAPP Symposium on Applied Computing (SAC), 2023.
- Misha Glazunov and Apostolis Zarras. Vacant Holes for Unsupervised Detection of the Outliers in Compact Latent Representation. In Proceedings of the 39th Conference on Uncertainty in Artificial Intelligence (UAI), 2023.
- Cybersecurity and privacy issues when patients in Europe transfer health data from their diabetes devices to health services. Submitted to Journal of Diabetes Science and Technology.

HEIR also submitted three more journal papers that are currently under review.