Internet of Threats

Furture challenges, technologies and requests on Smart Homes in connection with the aspect of security

Project Management:

Univ.-Prof. Hon.-Prof. Dr. Susanne Reindl-Krauskopf

Team:

Scientific staff:

Ass.-Prof. Dr. Farsam Salimi (deputy project manager)

Univ.-Prof. Dr. Christian Grafl

Univ.-Ass. Dr. Roland Pichler

Stud.-Ass. Chiara Regenfelder

Administrative support:

Judith Palla

Description:

Due to the resent development and the continuous spread of the Internet of Things (IoT) and its technologies, security organizations, the police and forensic science are facing new and complex challenges, resulting from threats and attacks from different digital areas, like Smart Homes, Industry 4.0, Digital Cities and Autonomous Vehicles. The project IoThreats aims at collecting, evaluating and validating potential sceneries of such attacks and threats. Based on their outcome, risk assessments and visualizations of potential problems, with a focus on the Austrian market of Smart Homes, shall prepare for a safe handling with smart systems and point out a recommended course of action for them. Additionally, suggestions on how to adapt the Austrian laws to these new problems will be elaborated. The role of ALES is to analyze the criminal aspects of different cases from a substantive legal view. In addition, it is to be examined in how far the technologies compiled in the project may be used by the police or for the means of criminal pro

ceedings according to current laws (e.g. to combat domestic violence). If necessary, recommendations concerning the current legal situation will complete the work of ALES.

Closing Date:
28.02.2019

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