



MALWARE DETECTION

Use for IoT Devices

PROBLEM IDENTIFICATION

STATEMENT

IoT has proven to have a significant impact on human life by the integration of devices in a myriad of industries. There will be around 125 IoT devices connected to the internet by 2030.

Developing deployable technology in the form of algorithms, frameworks or even complete SIEM Systems, could be extremely useful to get a better understanding of the behavior of malware infections where IoT devices are the main target.

STAKEHOLDERS TO PROVIDE KEY INSIGHTS

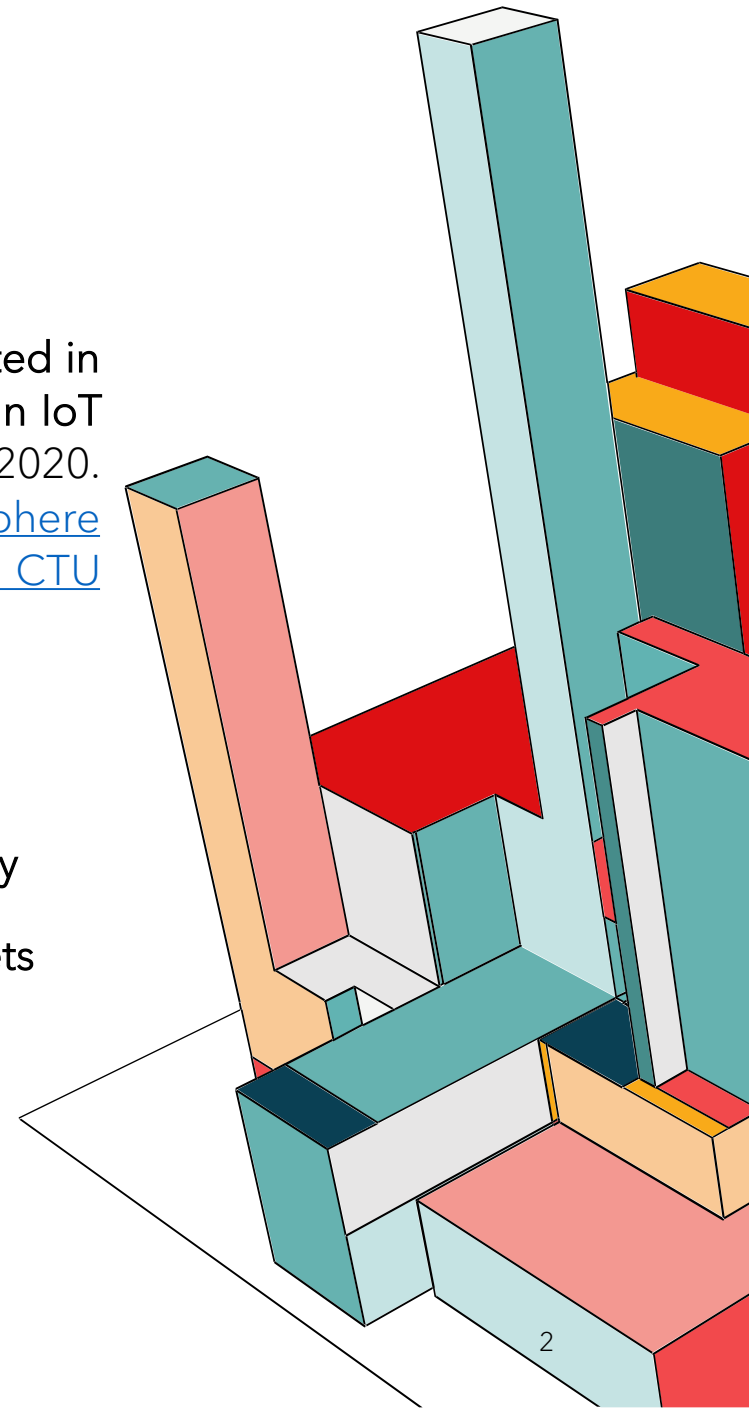
- Cyber Security Teams
- Antivirus Companies
- IoT Companies

SCOPE OF SOLUTION SPACE

Dataset: 20 malware captures executed in IoT devices, and 3 captures for benign IoT devices traffic. Published in January 2020. These were captured in the [Stratosphere Laboratory, AIC group, FEL, CTU University, Czech Republic](#).

KEY DATA SOURCES

- Log files provided by the laboratory
- Classification methods spreadsheets



THANK YOU

Pablo Ruiz Lopez

+52 55-2729-6472

pablweb8@gmail.com

<https://github.com/pablo-git8>