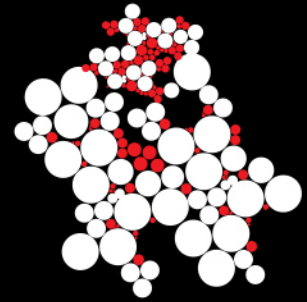


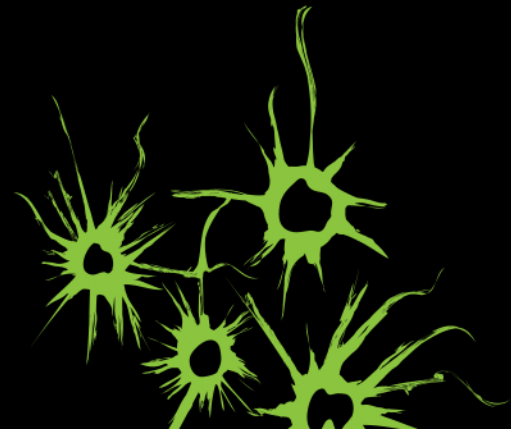
UNIVERSITY OF TWENTE.



SYSTEMS SECURITY

ERIK TEWS <e.tews@utwente.nl>

STJEPAN PICEK <S.Picek@tudelft.nl>



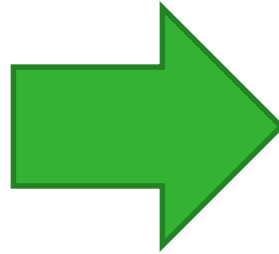


SYSTEMS SECURITY

HOW TO BUILD SECURE SYSTEMS

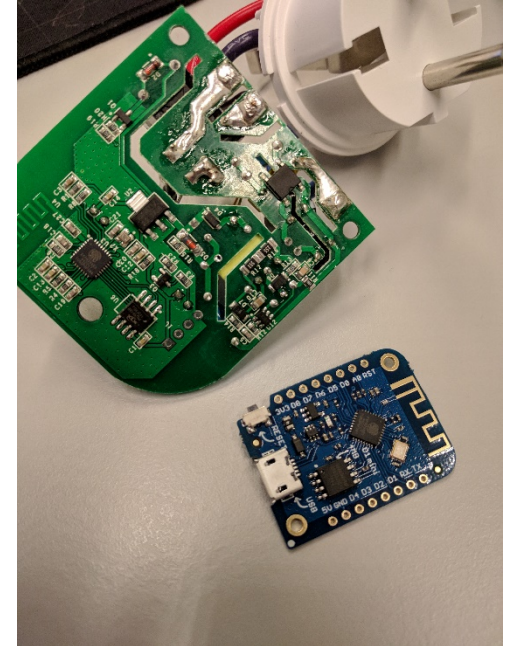
- IoT and embedded systems security
- Side channels and countermeasures
- Covert channels
- Counter exploitation methods
- Secure systems design

IOT SECURITY

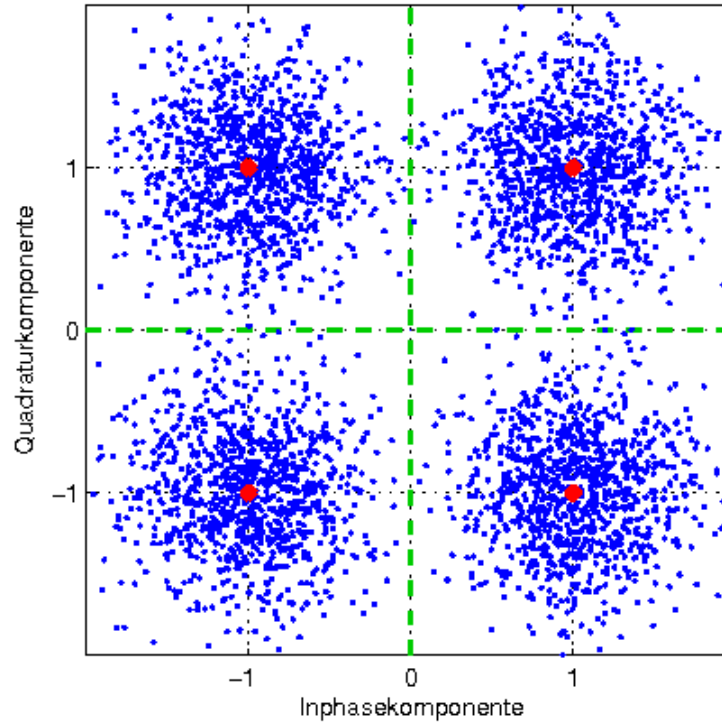


(cc) https://en.wikipedia.org/wiki/Laptop#/media/File:Lenovo_G500s_laptop-2905.jpg
(cc) https://commons.wikimedia.org/wiki/File:CERN_Server.jpg

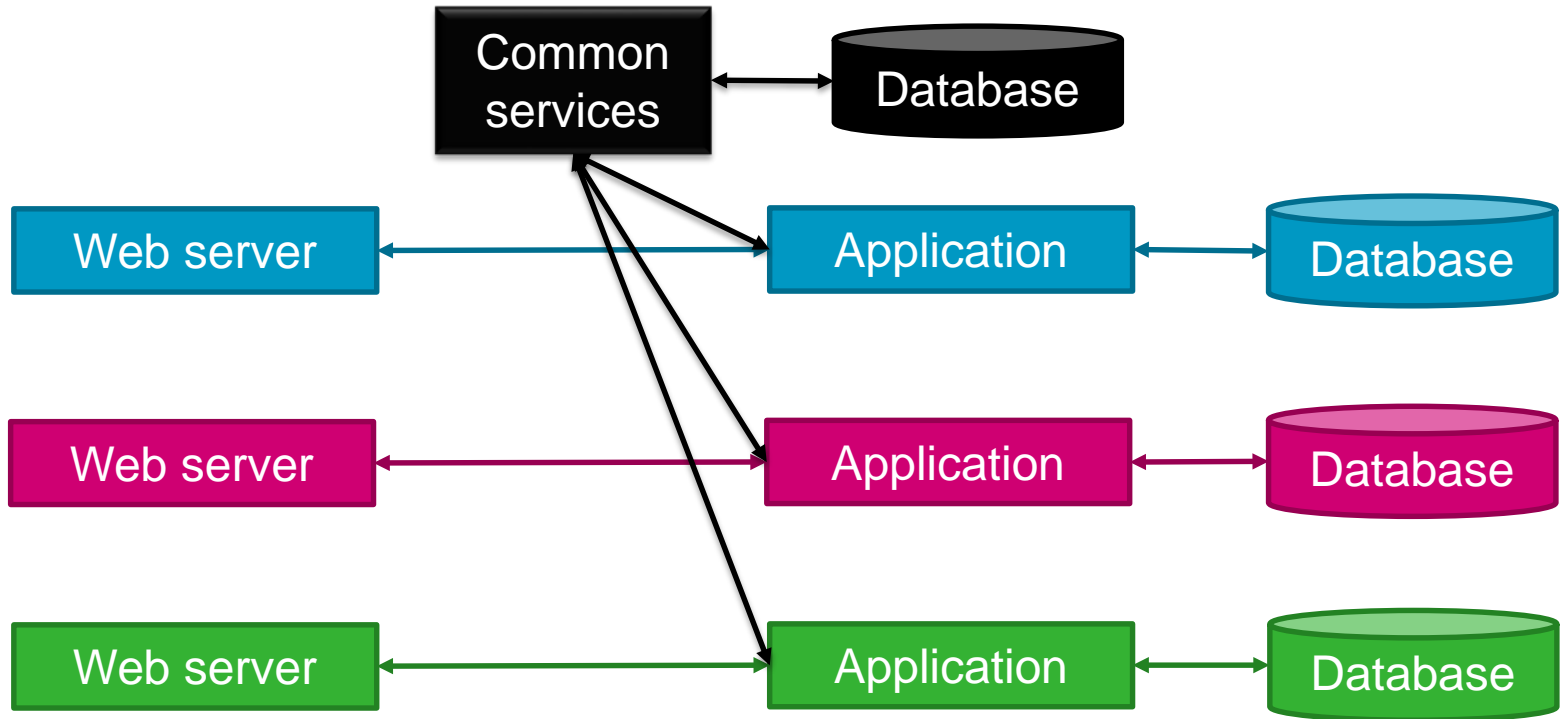
SIDE CHANNELS



COVERT CHANNELS



COUNTER EXPLOITATION AND SECURE DESIGN



REQUIREMENTS

- Operating Systems
- Cryptography and some background in statistics
- Networking