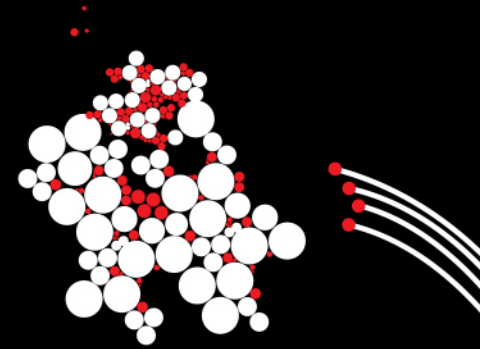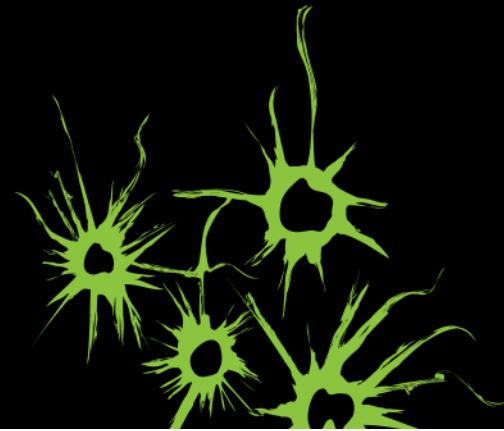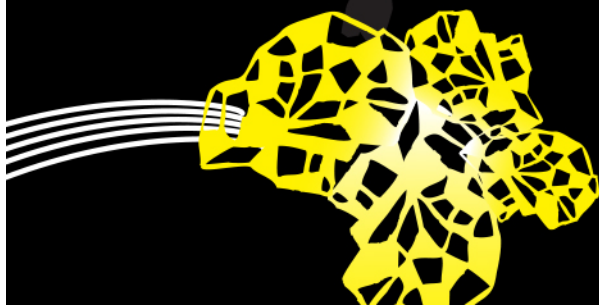# UNIVERSITY OF TWENTE.

SYSTEMS SECURITY

ERIK TEWS <e.tews@utwente.nl>

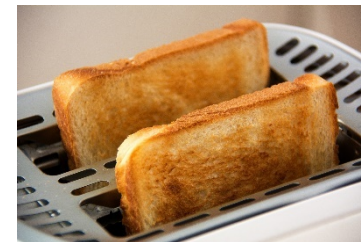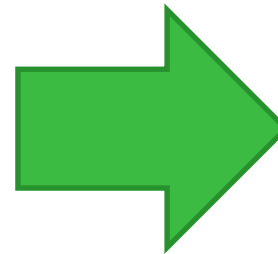STJEPAN PICEK <S.Picek@tudelft.nl>

SYSTEMS SECURITY
HOW TO BUILD SECURE SYSTEMS

- IoT and embedded systems security

- Side channels and countermeasures

- Covert channels

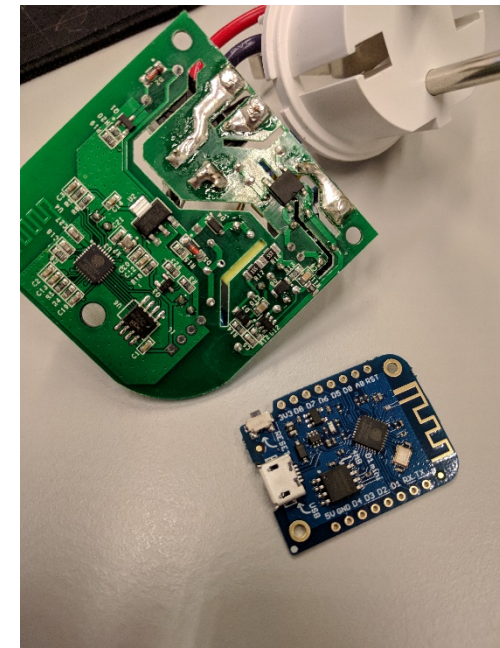- Counter exploitation methods

- Secure systems design

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IOT SECURITY

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Systems Security   10.09.2018   3

SIDE CHANNELS
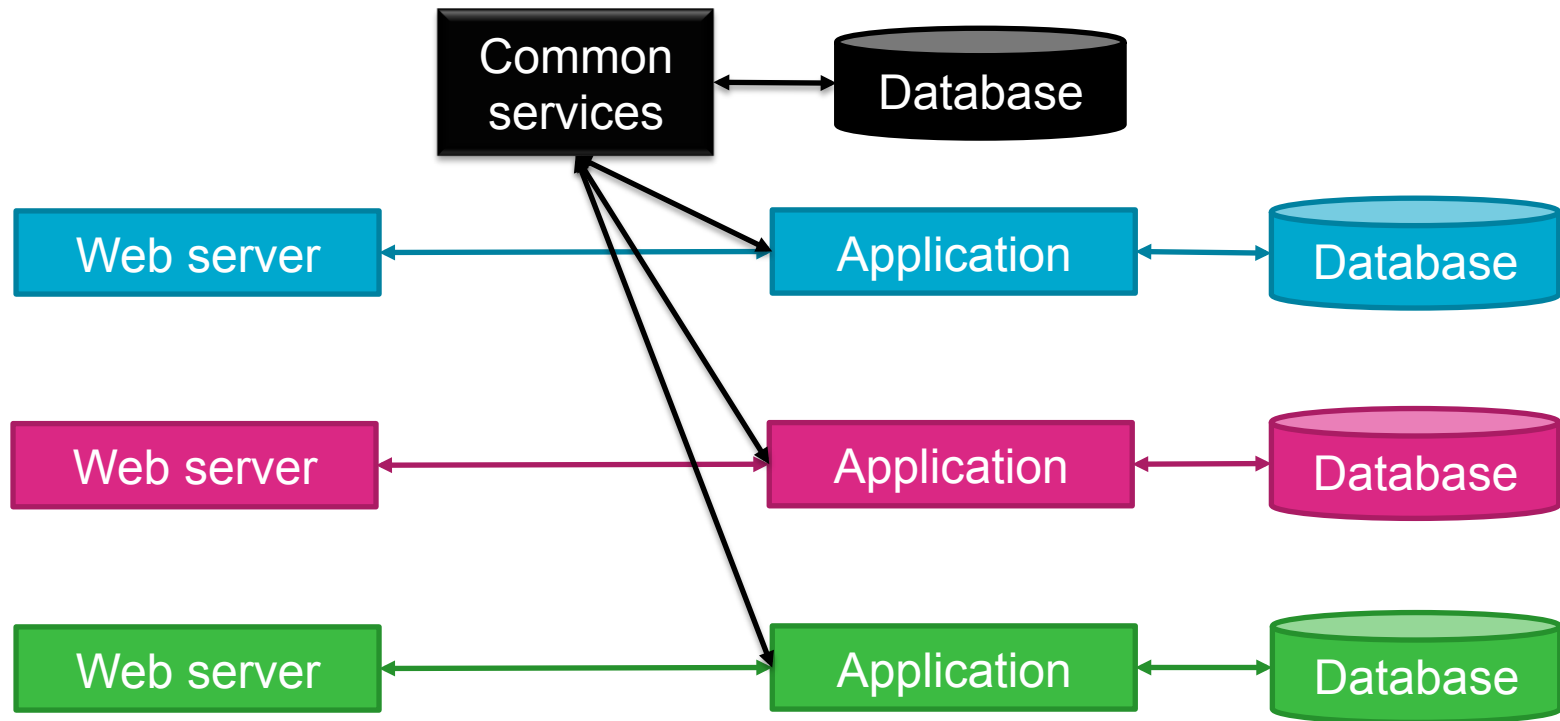
COVERT CHANNELS
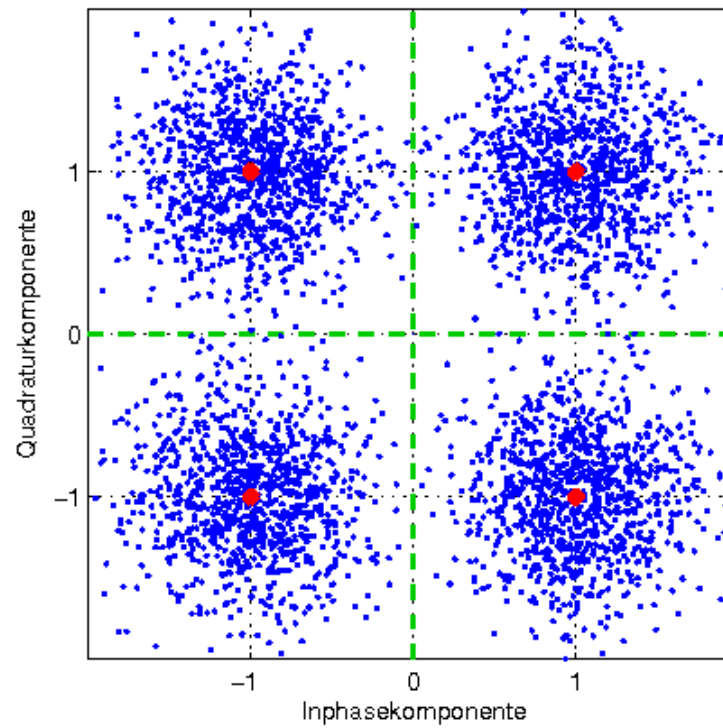
COUNTER EXPLOITATION AND SECURE DESIGN

REQUIREMENTS

- Operating Systems

- Cryptography and some background in statistics

- Networking