Creativity Techniques for Social Engineering Threat Elicitation: A Controlled Experiment

2017-02-27, Essen, Germany

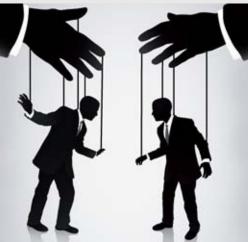Kristian Beckers, Veronika Fries, Eduard C. Groen, and Sebastian Pape

- Introduction

- Experiment

  - Morphological Box vs.

  - HATCH – A Serious Game on Social Engineering

- Debriefing

mobile business

Social Engineering

The clever **manipulation** of the natural human tendency to trust!

Source: cybertec-security.com

Betrugsmasche aufgewärmt: Falsche Microsoft-Techniker am Telefon

heise online 19.06.2015 18:16 Uhr

(Bild: dpa, Marc Müller/Symbolbild)

- 38 % were **subject to social engineering attacks** (Germany, 2014)

- Only **18 %** of the companies train their employees for **recognising social engineering attacks**

https://www.corporate-trust.de/pdf/CT-Studie-2014_DE.pdf

Social Engineering - Example

- Watch the following videos
  - https://www.youtube.com/watch?v=lc7scxvKQOo
  - https://www.youtube.com/watch?v=F78UdORlI-Q
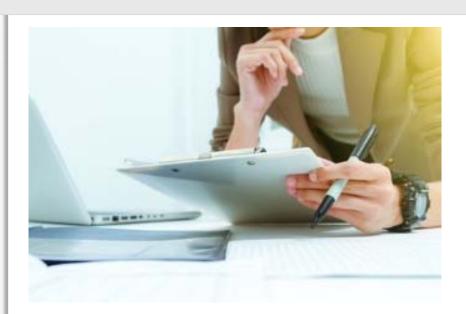
- # REFSQ Conference
  - ## CreaRE Workshop

mobile business

- Actors: User, Organizers
- Asset: Website, Payment System
- Channels: Email, WWW

mobile business

- Submission
- Review
  - Bidding, Selection, Conflicts, …
- Feedback

- Actors: Author, Reviewer, Editor
- Assets: Paper, Review, System
- Channels: Mail, EasyChair

Example: Registration at the Venue

- Actors: Registered Visitors, Organizers, ...
- Asset: Badges, Conference Bags, ...
- Channels: In Person

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