

#### STEPHAN KOLOSSA & STEFFEN BECKER

# DISCLASSINGER NOT A LEGAL CONSULTATION

### OUR MOTIVATION

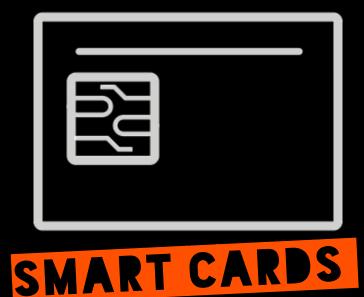


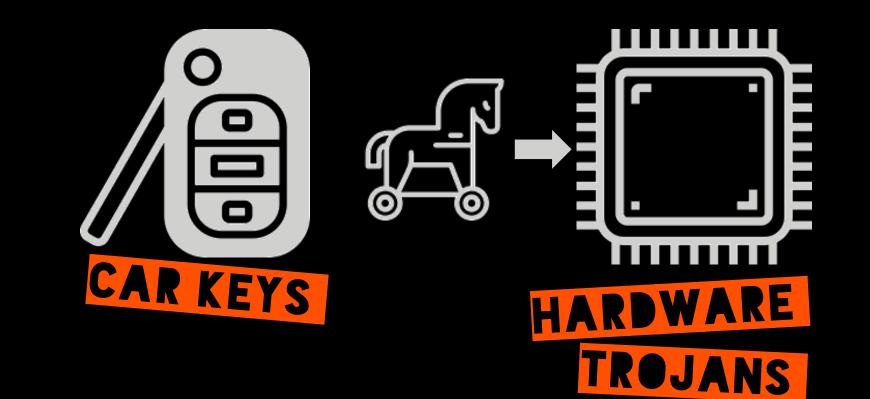
- Talk at 35C3: "Mehr schlecht als Recht – Grauzone Sicherheitsforschung"
- University researchers reverse engineered software which claimed to provide "absolute security" ...
- ... leading to more than one year of (personal) legal trouble
- ... resulting in a settlement
- Our question: What is the legal situation of researchers utilizing reverse engineering?

### SELECTED RESEARCH AT







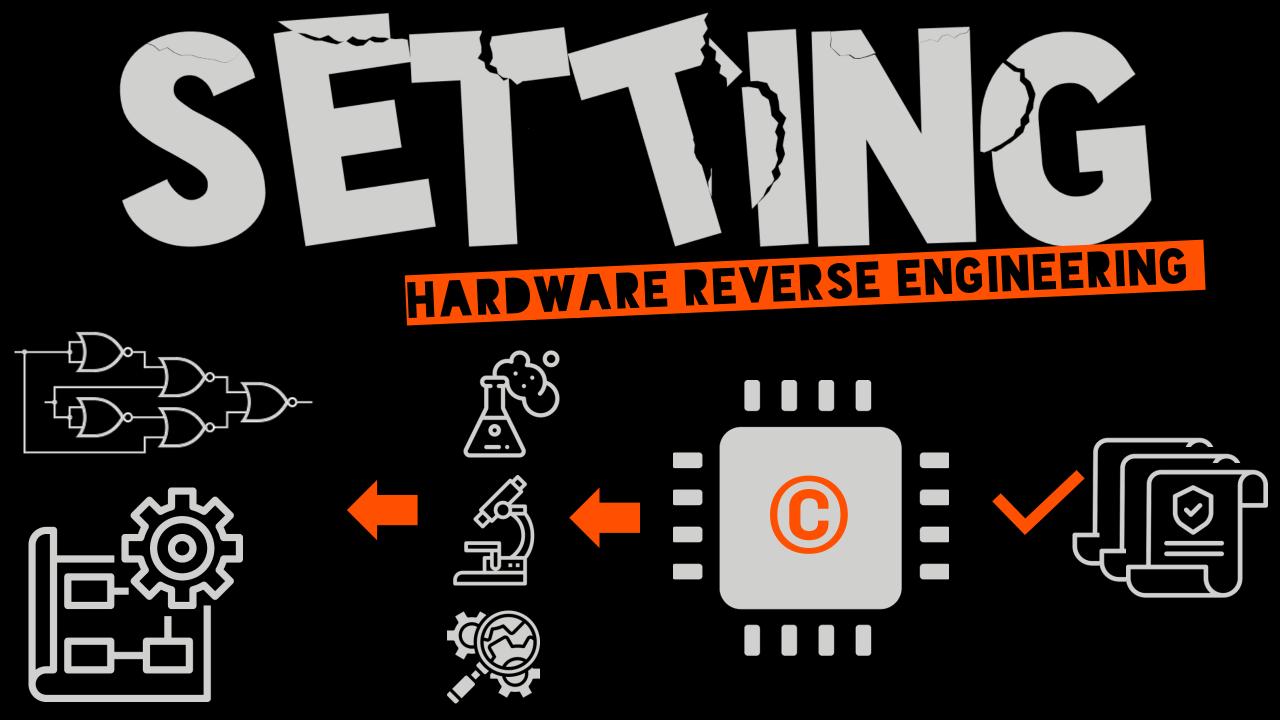


### OUR PERSPECTIVE





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## RELEVANT AREAS OF LAW INTELLECTUAL PROPERTY LAW



### **COMPETITION &**

TRADE SECRET LAW

### INTELLECTUAL PROPERTY LAW SEMICONDUCTOR PROTECTION ACT

**Idea**: Protection of three-dimensional structures of microelectronic semi-conductor products (topography), if they possess individuality (Sec. 1).

Only the topography as such is protected, not potentially stored information (Sec. 1 4).

**Basic Rule**: Prohibition of reproduction of the topography (Sec.  $6 \ \S \ 1$ ).

### INTELLECTUAL PROPERTY LAW Semiconductor protection act

Exception (Sec 6 § 2 No. 2): The topography is not protected against

→ Reproductions of the topography for the purposes of analysis, [...], or education.

### INTELLECTUAL PROPERTY LAW PATENT ACT

Idea: Protection of a technical innovative invention.

**Basic Rule**: Prohibition of unauthorized use of the product protected by the patent (cf. Sec. 9).

### INTELLECTUAL PROPERTY LAW PATENT ACT

#### Exception (Sec. 11 No. 2):

- The patent is not protected against actions for experimental purposes
  - wide interpretation
  - for gaining new knowledge on a technical uncertainty

### COMPETITION & TRADE SECRET LAW TRADE SECRET ACT AND UNFAIR COMPETITION ACT

**Idea**: Establish upright and fair competition and avoid any accretion of secret know-how in order to use it against a competitor.

#### Trade secret:

- not generally known among or readily accessible to persons within the circles that normally deal with the kind of information in question;
- commercial value because it is secret;
- subject to reasonable steps under the circumstances, by the person lawfully in control of the information, to keep it secret.

### COMPETITION LAW UNFAIR COMPETITION ACT

Former Sec. 17 § 2 established a general prohibition of acquisition and use of a trade secret in an unfair way.

For reverse engineers: Trade secret dependent on simplicity and easiness of the reversing act.

### NEW TRADE SECRET LAW TRADE SECRET ACT

- Basis: EU Regulation 2016/943
- Time limit for adapting national law accordingly: June 2018
- Entering into force: April 2019
- Aim: Harmonizing the rules on trade secrets throughout the EU

### NEW TRADE SECRET LAW TRADE SECRET ACT

Sec. 3 § 1 No. 2: Acquisition of trade secret lawful

- 1. by the means of observation, study, disassembly or testing of a product
- that has been made available to the public or that is lawfully in the possession of the acquirer of the information who is free from any legally valid duty to limit the acquisition of the trade secret

## RELEVANT AREAS OF LAW INTELLECTUAL PROPERTY LAW



**COMPETITION &** 

TRADE SECRET LAW

### **GUIDELINES FOR RESEARCHERS**



#### FOLLOW RESPONSIBLE DISCLOSURE PROCESS

# IN CASE OF EMERGENCY: ASK A LAWYER 🟵

### SUMMARY

Security research is taken into consideration by lawmakers

However, there is no guarantee you will not get sued

BUT: if you follow the guidelines, chance is low!

### SOURCES

### **GET IN TOUCH**

#### lcons made by

- Darius Dan
- Freepik
- monkik
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- prettycons
- smalllikeart

#### from www.flaticon.com



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