

Cybercrime

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Stockholms Universitet

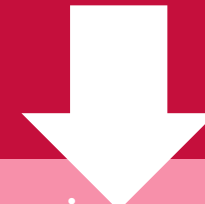
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Cybercrime in the narrower sense

- **Crimes with computers, devices and data as a target, e.g.**
 - Phishing
 - Identity theft
 - (D)Dos Attacks
 - Ransomware Attacks

Cybercrime in the broader sense

- Fraud
- Harassment
- Cyberstalking
- Cyberbullying
- Child Pornography
- and much more



**Basically every crime can be committed by
the aid of IT technology**

Cybercrime in the narrower sense

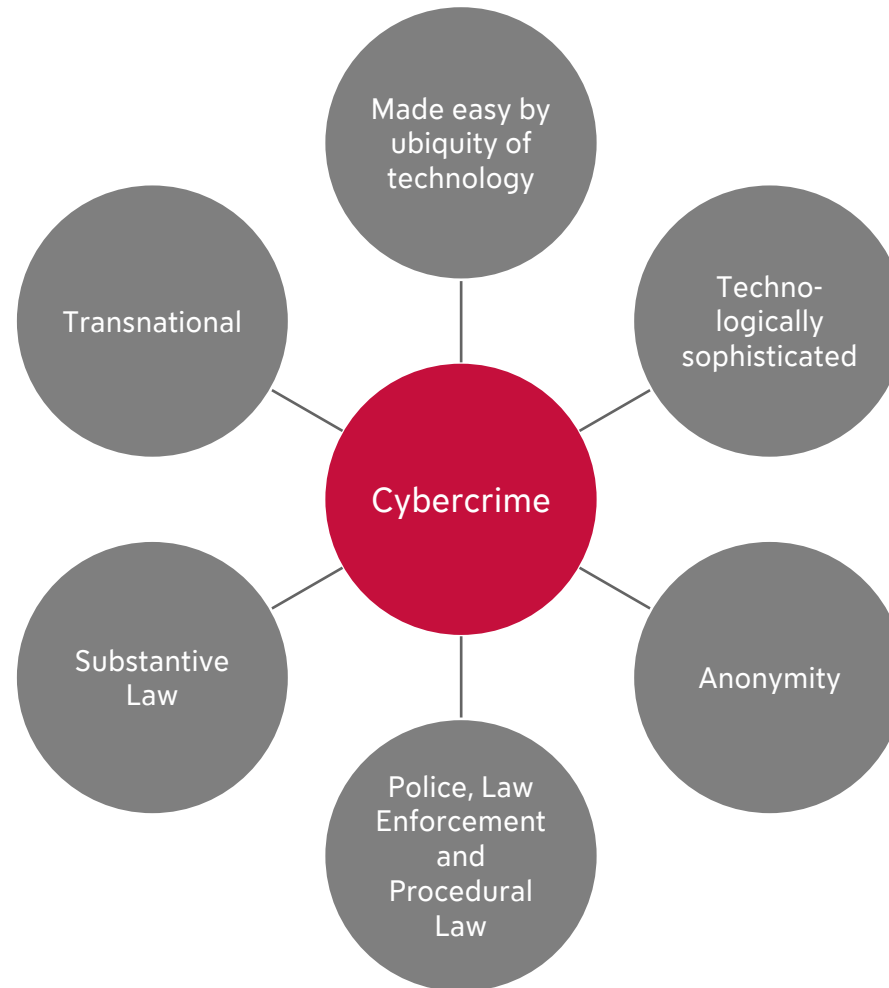
- **Crimes with computers, devices and data as a target, e.g.**
 - Phishing
 - Identity theft
 - (D)Dos-Attacks
 - Ransomware attacks

Especially those cases lead to data privacy issues

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Basically every crime can be committed by the aid of IT technology



The Convention on Cybercrime – A treaty to fight those challenges

Convention on Cybercrime (2001)

- Convention of the Council of Europe
- Ratified by almost every member of the Council and other countries as well
- Harmonisation / Establishing ground standards

Substantive
Law

Procedural
Law

Mutual
Assistance

- States have to implement offences that sanction:

- Illegal Access
- Illegal Interception
- Data Interference
- System Interference
- Misuse of Devices

Computer, devices and data as
target of the crime (Cybercrime in
the narrower sense)

- Computer-related Offences
- Content-related Offences
- Copyright-related Offences

Section 202a German Criminal Code **Data espionage**

(1) Whoever, without being authorised to do so, obtains access, by circumventing the access protection, for themselves or another, to data which were not intended for them and were specially protected against unauthorised access incurs a penalty of imprisonment for a term not exceeding three years or a fine.

- States have to implement rules that allow, *e.g.*
 - Art. 16 – Expedited preservation of stored computer data
 - Art. 19 – Search and seizure of stored computer data
 - Art. 20 – Realtime collection of traffic data
 - Art. 21 – Interception of content data

But

- The fight against Cybercrime raises privacy issues itself
- Fundamental Rights
- Human Rights

- Transnational Investigations to fight transnational Cybercrime?
 - Volatile data stored in other countries
 - No access via national law
 - No access via international customary law
- Transborder Access without legal basis?
 - Diplomatic conflicts
 - **Exclusion of evidence**

➔ Mutual Judicial Assistance

- Transnational Investigations to fight transnational Cybercrime?
 - Volatile data stored in other countries
 - No access via national law
 - No access via international customary law
- Territoriality / Sovereignty**
- Do it anyway?
 - Diplomatic conflicts
 - **Exclusion of evidence**

➔ Mutual Judicial Assistance

Mutual judicial assistance

- Various legal bases → confusing mesh of European and bilateral agreements
- Time-consuming while risk of losing digital evidence
- Several approaches of unification within Europe, e.g.
 - European Evidence Warrant: failed
 - Now: European Investigation Order (EIO)
 - European Prosecution Office (EPPO)

- Art. 29: Expedited preservation of stored computer data (quick-freeze)
- Art. 30: Expedited disclosure of preserved traffic data
- Art. 31: Mutual assistance regarding accessing of stored computer data
- Art. 32: Trans-border access to stored computer data with consent or where publicly available
- Art. 33: Mutual assistance in the real-time collection of traffic data
- Art. 34: Mutual assistance regarding the interception of content data
- Art. 35: 24/7 Network

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Art. 29: Expedited preservation of stored computer data (quick-freeze)

- Preservation of stored computer data → in preparation for mutual assistance
- Aim: Preventing data from vanishing
- Limits
 - Dual Criminality
 - National Sovereignty / National Security (*ordre public*)
 - National procedural rules → Quick ≠ quick

Art. 32: Trans-border access to stored computer data with consent or where publicly available

- A real trans-border measure
- Trans-border access to stored computer data, but only if:
 - Consent → by the user, whose data is stored
 - Publicly Available
- Limits
 - Mostly *not* publicly available
 - Perpetrator will hardly give consent



Thank you very much.

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www.cybercrime.fau.de

www.str2.rw.fau.de