Germany's Information Sharing National Strategy

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Information Sharing Initiatives in Germany

Public Private Information Sharing (ICT)

Regulated

- Federal Network Agency
- ICT Sector

Voluntary

- Federal Office for Information Security
- Federal Network Agency
- ICT Sector
- Other Sectors (CI)
Information Sharing: Regulated

Basis:

- German Telecommunications Act (§109)

Operators → regulator (Federal Network Agency)

- Protective measures taken
- Reporting incidents (on request)
- Security concept

Regulator → operators

- Regulatory issues
- Guidelines
Information Sharing: Voluntary

Basis:

Leads to:
- CIP Implementation Plan (2007) (Umsetzungsplan KRITIS)
CIP Implementation Plan (UP KRITS)

- Target:
  Protection of the German Critical IT-Infrastructures
- „Public Private Partnership“ (PPP)
- Developed in cooperation with the private sector
- PPP started in 2007
CIP Implementation Plan
Measures and implementation

Four working groups
- Emergency and crisis exercises
- Crisis response and management
- National and international cooperation
- Maintenance of CI services

- Communication infrastructure
  - Single points of contact
  - Confidentiality agreements
  - Communication:
    - Information
    - Warning
    - Alarm
German Information Exchange

Alerting in case of crisis, warning
Background information, IT situation reports

Company

Single Points of Contact

IT situation center at BSI

Company 1
Company 2
Company 3
...
Company x

SPOC sector 1
SPOC sector n

Report incidents

TLP
Red
Amber
Green

Report incidents

additional sources
IE in Europe: Open Questions

Country A
- European hub?
- Concept

Country B
- Purpose
- Focus
- Involved parties
- Gov / priv. sector?
- Required national structure & actions
- Trust
- Cost

Country D
- ... additional sources

Company of Contact
- Company 1
- Company 2
- Company 3
- ... Company x
- SPOC sector 1
- SPOC sector n

Germany
Contact

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Links and Documents

- National Plan for Information Infrastructure Protection

- CIP Implementation Plan
  https://www.bsi.bund.de/ContentBSI/EN/Topics/Criticalinfrastructures/Activities/CIPImplementation/CIPimplPlan.html

- Early detection and mitigation of IT-crises
  http://www.bmi.bund.de/cae/servlet/contentblob/560094/publicationFile/27813/kritis_2_eng.pdf

- German Federal Office for Information Security, CIP
  https://www.bsi.bund.de/cln_156/EN/Topics/Criticalinfrastructures/criticalinfrastructures_node.html

- German Federal Network Agency (Regulator)
  http://www.bundesnetzagentur.de/enid/b34ff4754ac1af2b1ae4c7b08b4631c6,0/xn.html