Back to Basics
per la Cyber-security

webinar – The Innovation Group

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Cyber- security – a lot of hype

- Economist: the 5th war domain

- HBR: a boardroom issues

- Double digit grow of cyber-security found & ETF

- New USA-China technologic cold war (European NIS, Italian Golden power)

Cyber- security – what is not

- **Only a technical issue**

- Users awareness:
  - Kevin Mitnick – "the art of deception", the power of social engineering
  - Phishing e spear-phishing

- End point insecurity (PC, table, smartphone, smart-objects)

- The "cloud era" and related boom of data breach
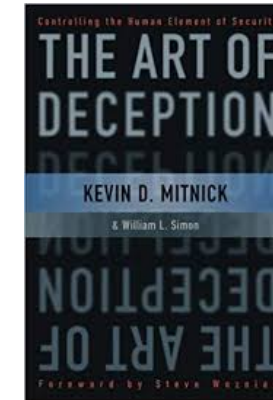
Cyber- security – what is not

- **Only about hackers**

- "wanna by hackers": a lot of noise, no harm

- Cyber criminals: it's about money

- Cyber military army (advanced persistent threat – ATP): cyber espionage, state sponsored attacks
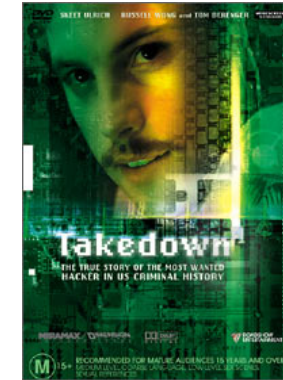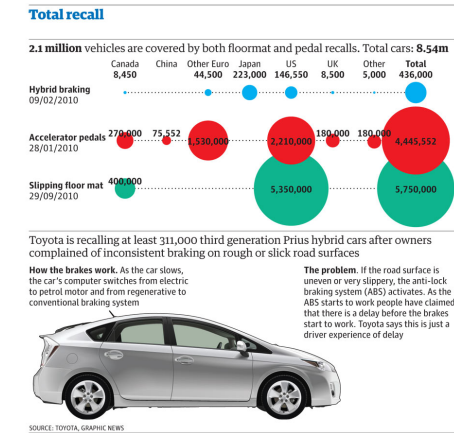
Cyber- security – what is

- **Complex and interdisciplinary**

- Require a **risk based approach** and involvement of all company employees

Note: https://www.slideteam.net

Cyber- security – why it will remain relevant for the digital society

- **Externality** (auto-recall vs software path management)

- **Asymmetry**
  - many to one
  - attacks advantage vs defence: "*they have to be right only once*"
  - global attacks vs local judiciary systems

- **High indirect costs** (brand damage and customer trust are at stake)

Cyber- security – the main challenges

- **Internet of Things attacks**

- Confidentiality, Integrity, Availability and **Safety**
  - Car Hack
  - DDoS Miray
  - ... what next?

Note: