

The Resilience of Digital Cities

Opportunities, Risks and Hackers...

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Vision of Digital Cities

- No more queuing up at the town hall
 - E-government via tablet or smartphone
 - No more paper
 - No more congestion problems
 - Automated parking guidance
 - Fewer traffic jams
 - Better transportation services
- ➔ The solution: everything is connected, easy data exchange, artificial intelligence



But...

... there is a dark side.



Possible Threats

- Random attack
- Information leaking
- Targeted attack
- Gateway for other threats



We are just talking about money!

Data / Information

Local government owns a lot of sensitive and valuable data/information/connections:

- residents
- allowances
- taxes
- (critical) infrastructure



Becoming a Hacker

You need:

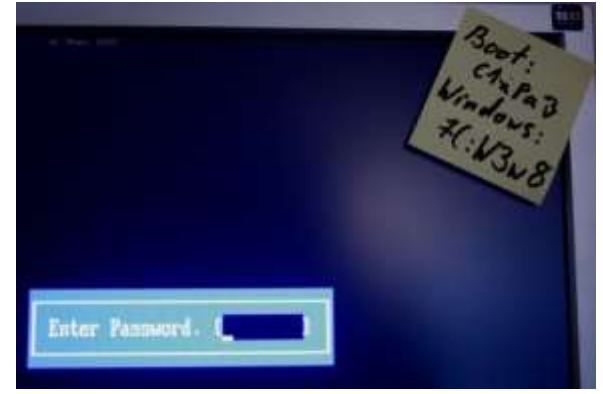
- <https://www.youtube.com>
- a few tools (sometimes)
- possibly the “dark net”

and criminal motivation



IT Infrastructure

This is IT we often see in smaller municipalities, town halls, municipal organisations...



Needs

Becoming “smart” – but “secure”

- We need to establish information exchange regarding security issues
- We need awareness
- We need thinking about security before it runs out of control
- We need you!