Scenarios of new security technologies

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Teknologirådet

Why an overview of security technologies?

- Provide an overview of security technologies and measures with description

- Provide a model that can be used for the legal analysis (WP3)

- Provide background for Scenarios (WP4)

Technology model

- Basic technologies:
  - Communication technology
  - Sensor technology (including biometrics)
  - Data storage
  - Analysis and decision support
- Application areas
- System examples

Because security technologies draw on many different basic technologies, they inherit the risks to privacy intrinsic to those technologies. This can enable us to analyse the privacy risk of emerging and future technologies.

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Example: Biometric passport

Photo: Appian
Technology PLC

Radio
communication

RFID
reader

Passport

RFID chip

Passport
database

About the scenarios

- NOT meant as predictions about the future
  - Background information
  - Stimulate the debate
- Based on existing and acknowledged emerging technologies
- Illustrate the most important technologies from the Technology Overview
- Balanced

Biometrics

Illustration: Åsne Flyen

CCTV and Automatic face recognition

Illustration: Åsne Flyen

Locating technology

Illustration: Åsne Flyen

Passenger scanning

Illustration: Åsne Flyen

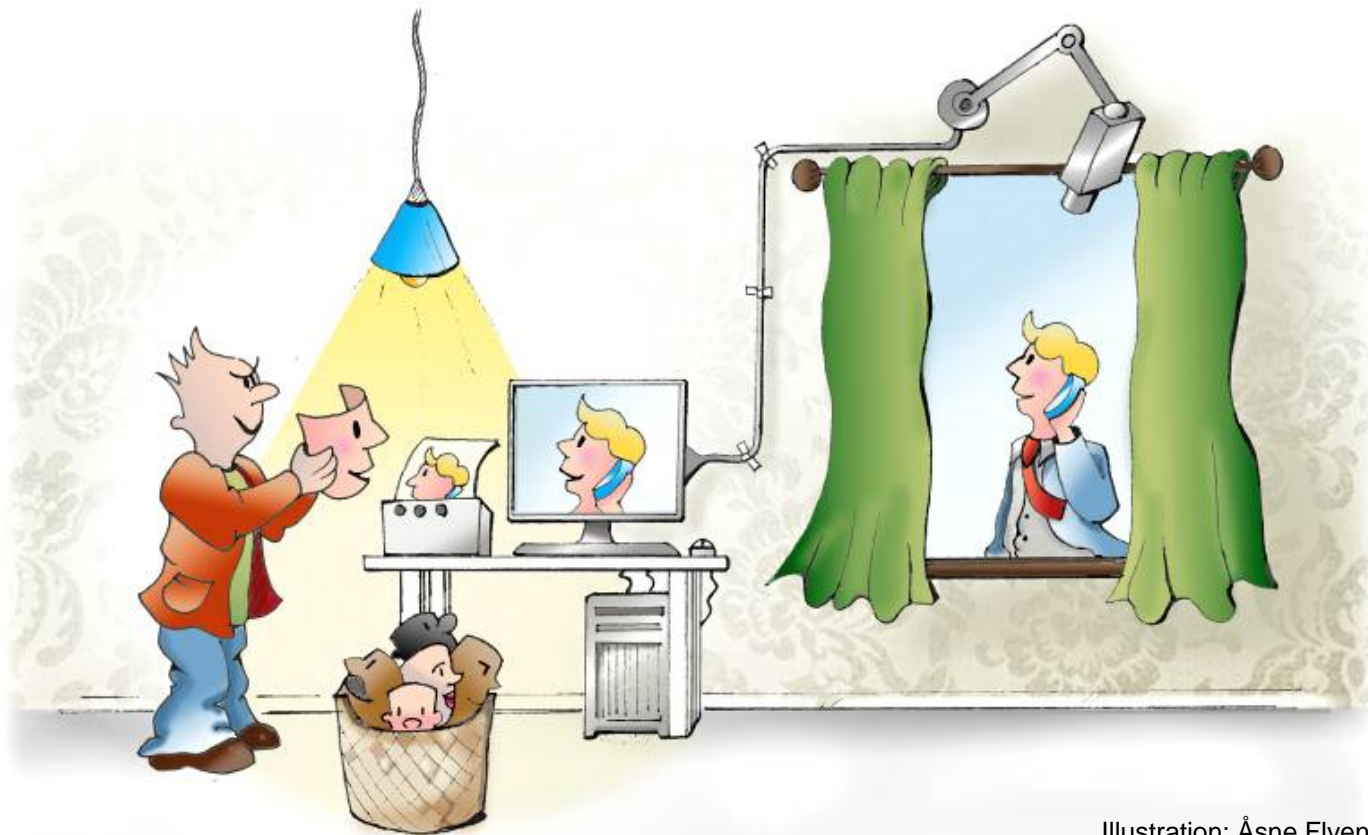# ID documents and Identity theft

Illustration: Åsne Flyen

Eavesdropping

Illustration: Åsne Flyen

Questions?

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