



Public Acceptance of Surveillance Related Security Systems



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- CV
 - Computer programming since 1979
 - Self employed 1987-1996
 - Diploma in 1993 (Fachhochschule Munich)
 - CEO Data-Warehouse GmbH since 1996
- **Data-Warehouse GmbH**
 - System-Vendor for huge central database systems, Information Management and Security Management. Own product suite to reduce dramatically efforts of building central information systems, Master Data Management Systems, Data Consolidation and Integration.
 - Security related customers: EADS, Eurofighter GmbH, German Air Force, Austrian Army ...



Increasing Market of Surveillance

- Governmental needs for surveillance increased dramatically since 2001
 - Computer online forensic search (Gov-Hacking)
 - Surveillance of public areas like Metros, Airports, Places, Entrances...
 - Automated surveillance systems for traffic control, automated detection, Pass control, Access control
 - Press releases of surveillance photos, videos and misuse
 - Build up of big analysing database systems
 - „Raster tracing“, social databases,...
 - Electronic records, electronic passes with bio data and without scrambling, electronic health passes,....
 - Etc. etc.

Situation in Governmental (Corporate) use of gathered information



- Data goes lost without protection
 - UK several Unprotected data of civils gone lost
- Governmental trojan without authorisation by judges in some countries
 - Backward legalisation?
- Data Gathering and Data Analysis with „minimal“ success rates
 - high costs, minimal results, wrong information politics, wrong strategy
- Misuse is preassigned
 - example:
 - policemen getting adress of girl in car and call her on the mobile.
 - Business offer made available to opponent (US air company against european air company)
 - Deutsche Telekom wiretapping scandal (also ALDI, Burger King etc.)
- (personal) Data protection will be extremely important
 - but disturbs efficient recon
- Many conflicts to handle
 - Conflicts in transparency and prosecution
 - Conflicts in information and recon
 - Conflicts in Prevention and privacy



Expected Public (individual) reaction

- Danger in raise of backlashes
 - Active hiding of information
 - Scrambling as much communication as possible
 - Even without needs, criminal background
 - Government becomes an opponent to each individual
 - Loss in trust to government (company)
 - State takes over personal freedom
 - Civs become afraid of making mistakes (passive population)
 - State mistrust by the civil
 - Protection of public relevant people (unequal treatment)
 - Examples:
 - » Politicans with fiscal evasions, manager with the same
 - » „Franz Beckenbauer“ scandal stops overspeed monitoring for months



Loss in trust

- Contains the danger of radicalization of population
 - Loss in democracy
 - Mistrust supports aggression against government
 - Radical elements will gain influence
 - Political radicalization will follow
- This can be followed by many elections in central europe



Successful way out?

How to increase acceptance?

Some ideas of getting long term acceptance:

- Reduction of governmental influence to
 - increase personal freedom
 - increase trust to their civil
 - Real / proven protection of gathered information against misuse/multiple use
- Sufficient management systems including relations between security / personal freedom
 - Iterative enhancements (Plan, Do, Check, Act)
 - To feel the civs more comfortable
 - Subject to political responsables
- Enhancement of security research in addition to technological possibilities
 - Etical impacts
 - Government must be able to reduce to the minimum needed, to have prosperous environments
 - Definition of minimum
 - Define restrictions
 - Identify impacts etc..
 - Enhancement of individual political decisions (swiss model) to strengthen democracy



Thank you for your attention!

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