



Fact 1: Mobile phones are ubiquitous

- Every person in this room has a mobile phone



Secure mobile communication

IT-Security within Federal and Local Authorities

Four reasons to secure your mobile communication
SNS Standard: Sichere Netzübergreifende Sprache

Dr. Hans-Christoph Quelle
Secusmart GmbH

seamless secure communication



Fact 2: Mobile phones are being used

- despite



Secusmart

End 2007 start

- Dr. Hans-Christoph Quelle, Dr. Christoph Erdmann und Torsten Jüngling

2008-2009

- Secusmart won IT-Sicherheitspreis NRW 2008
- 1st prize TeleTrust Innovation Award 2008
- Frame contract with German Government

2010

- SNS Standard
 - Sichere netzübergreifende Sprache
 - Secure network agnostic Speech





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Fact 2: Mobile phones are being used

- to talk to family and friends
- to talk to colleagues
- for private reasons
- for business reasons
- not only to communicate, but also:
 - to email
 - to listen to FM radio
 - to watch mobile TV
 - to transfer money
 - express your personality
- because:
 - it is there
 - it works
 - it is convenient
- if allowed
- and if not



Fact 2: Mobile phones are being used

- despite





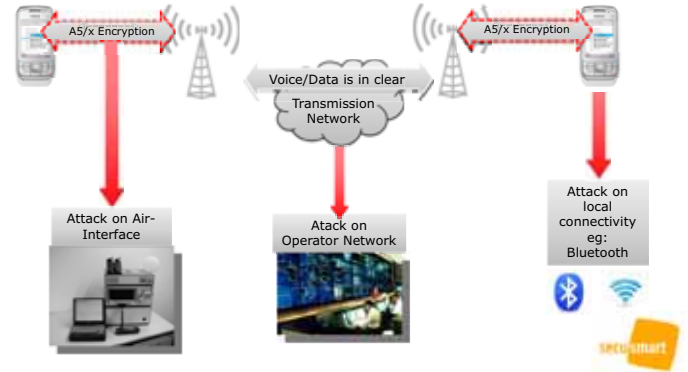
End-user don't care about security, you have to do it

- Mobile phones are ubiquitous
- Mobile phones are being used
- GSM security is broken
- Your "competitor" will intercept you

- The easier and more convenient security is the more it will be used



Fact 3: GSM security is broken



SNS – Standard – under development – ready mid 2010

- Sichere Netzübergreifende Sprache
or
Secure Network agnostic Speech
- will allow end2end encryption to non-military organisations:
 - over different networks (GSM, Tetra, ...)
 - with different security solution vendors
 - with different handset-vendors
- Interoperability between different end2end voice encryption systems
- Secusmart will be the first company to have a SNS compatible solution



Fact 4: Your "competitor" will intercept you

- Is your competitor interested in your information?
- Does he have the financial means?
- Does he have the technological means?



GSM intercept laptop -
Passive monitoring system for GSM 850/900 and DCS-1800/1900MHz standard communication systems.





SecuVOICE – SNS standard / regular handsets / secure hardware

