



# Citizens and European Information Society : risks and challenges

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# The scenario





# The advantages



- Users will be able to perform most of their daily activities when and where they want
- Saving:
  - Time
  - Health
  - Energy
- Reducing:
  - Traffic congestion
  - Pollution



# The risks



- Our society will be more and more ICT Dependent, but
  - ICT has been proven to be not robust enough
- Electronic surveillance mechanisms will be able to intercept more and more detailed personal information



# The challenge



- Make unreliable and privacy-less ICT technologies:
  - Safe and secure
  - Privacy aware
- Build an information society based on a sustainable ICT development



# Privacy vs. Security



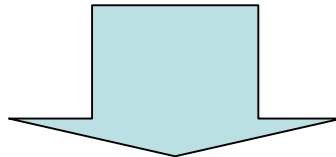
- Privacy Compliant Products
  - Information Confidentiality
  - Identity Confidentiality
- Security Compliant Products
  - Prevent Computer Attacks
  - Detects Computer Attacks
  - Responds Computer Attacks



# Privacy vs. Security



- Less information and identity confidentiality you have
- Better and effective detection strategies can be devised



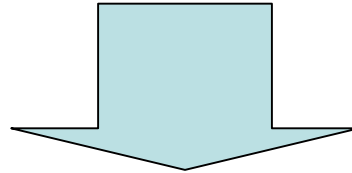
- Technologically speaking it is very difficult to build a system which is both Secure and Privacy Respectful



# Privacy vs. Security



- This does not mean that we cannot solve our initial challenge ...
- It only means that technology cannot solve it...



- If technology can do nothing, politics may help





# Where is the problem?



- Investments are required and
  - ICT is not yet considered a problem
  - The implications of the use of ICT are very difficult to understand
  - Awareness program directed to politicians should be undertaken



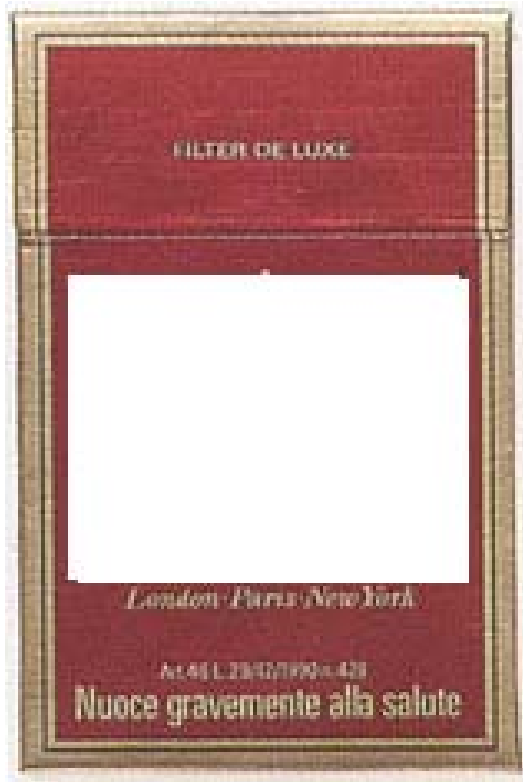
# Some Examples



- Creating trusted third parties which monitor the use of ICT technologies and guarantee citizens that they are correctly used
- Promoting awareness campaigns about the problems related with the use of ICT technologies and how to solve them



# Other Examples





# Example

