Security and privacy aspects for RFID – The European way

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European perspective on RFID

RFID tags have a bad reputation in Europe

Consumer perspective not sufficiently considered by industry

Citizens’ interests, not just consumers’ are important

Stakes are high for Europe

Important in order to keep competitiveness of European players

Strong technological and industrial bases

Huge market for software and service providers (large and SME)

Urgent need of a continued dialogue to rebuild trust
End 2006 / begin. 2007: Communication from the European Commission

Oct. – Nov. 2006: Drafting of the Communication

Sept. – Oct. 2006: Analysis of input received + final conference

3 July – 30 Sept. 2006: Public online consultation on ‘Your Voice in Europe’

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Ongoing research and co-operation

March 9, 2006 at CeBIT: Commissioner Viviane Reding announces the launch of a Europe-wide public consultation.

March 2006

15-16 May: Applications

16-17 May: Security & Privacy

1 June: Interop./ Governance

2 June: Frequency spectrum

6-7 March: Internet of Things

Roadmap – RFID Public Consultation 2006
RFID - Applications

Focus is on
Process efficiency
Quick response through real-time geographical information (supply chain, logistics etc.), reduction of losses in retail supply chain

Safety and Security (Tracing and anti-counterfeiting)
Healthcare and pharmaceuticals, food chain, logistics (processes), aerospace, people with additional needs, children traceability etc.

Focus will be on
New products and services
Intelligent products, services based on sensing

Regarding consumers:
Consumers want the right to choose.

Regarding governments:
Can stimulate the emergence of new applications, while not discriminating in favour of specific technology solutions.

Regarding SMEs and businesses:
Knowledge sharing via a multi-stakeholder platform or partnership on trans-national level.
Privacy and security

Users’ privacy protection / security protection

Core principles and mechanisms should be defined

EU’s Data Protection Directive

Stakeholders are asked to comply with set principles

“Working Party 29” is working on definition of private data

Global accord

Global understanding, principles and best practices for privacy and security

Governance issue for Look-up services and digital identities

In addition: societal concerns

RFID use in the workplace

Health and security

Environmental-friendly RFID tags
Next steps

A policy action plan for 2007 about
RFID use in specific application domains
Data privacy, personal data and security
Interoperability, standards and governance
Frequency spectrum
Innovation and research support (FP7, CIP)
International co-operation

Dialogues
International dialogues with Asia and United States
Dialogue with industry for them to develop/improve guidelines and best practises

RFID conferences and events
IST event Nov. 2006 Helsinki (session on RFID)
Germany is planning an RFID conference (June 25 – 26 in Berlin)
Portugal is considering an RFID event (Q4 2007)
RFID academic convocation in Europe in Q1 2007 (planned)
Conclusion

Europe is committed to RFID

Taking an key role in a global context

Developing a “win-win” solution

Preserving European values on privacy and security

THANK YOU!

More information on  www.rfidconsultation.eu