



# *EU Mandate M/436: RFID*

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# What's a mandate?

- A mandate is given to one or more European Standardization Organizations
- It's a request, not an instruction...
- A mandate is drafted by Commission/EFTA Sec. where standards action is thought to be in public interest
- It is endorsed by the Member States Committee on Standards and Regulation
- Myth: mandates do not only deal in formal European Standards (especially in ICT)
- They include Workshop-type activities, preparation of work programmes etc.

# Mandate M/436

- A “classic” ICT mandate
- “ICT [as] applied to RFID and systems”
- Issued to ESOs on 8 December 2008 (started 1 February 2010!)
- Has two Phases:
  - to prepare a complete framework for the future development of RFID standards (work programme)
  - to implement it
- Mainly of interest to CEN and ETSI but CENELEC also involved

# A long list of topics

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# Work programme requirements (1)

- Prepare inventory of relevant standards
- Define privacy/security/data protection/interoperability needs for RFID
- Ensure robust interfaces (privacy and security)
- User control over tag de-activation/re-activation
- Good practice frameworks for PIAs
- Security levels of security for different data objects
- Classification of applications by security and risk levels
- Identify sector application standards needs

## Work programme requirements (2)

- Assess object identifier standards and procedures
- Assess RFID-related requirements for standards supporting R&TTE Directive (1999/5)
- Identify global co-operation requirements
- Define clear objectives, timeframes, deliverables (ENs, TSs, TRs, CWAs etc)
- Assess important interoperability needs in broader IoT perspective (covering sensor and geographic location data standards)
- Assess requirements for standards for recycling RFID tags

# Arrangements for the mandate

- Core RFID-CG includes representatives of interested technical groups:
  - CEN TC225 – AIDC Technologies (NB new RFID WG)
  - CEN WS/DPP – Data Protection and Privacy
  - CENELEC TC106x – EMF in the human environment
  - CENELEC TC111x – Environmental aspects
  - ETSI TISPAN - Telecommunications and Internet convergence Services and Protocols for Advanced Networking
  - ETSI ERM – the Radio spectrum people....
  - ETSI M2M – Machine-to-Machine Communications
- Chairman – Gérard Dessenne (TC225WG)
- STF Leader – Scott Cadzow

## What are the tasks?

- Task one – set up: done
- Task two: preparation of core workplan
- Task three: seeking input through outreach
- Task four: RFID Privacy Impact Assessment (PIA):
  - Added to original mandate proposals
  - CEN WS/DPP already preparing a generic PIA
  - Proposed delta PIA for RFID will be reviewed by this WS
- Task five: RFID logos and signage:
  - Added to original mandate proposals
  - Need to overview a number of existing parallel initiatives and try to sort something out...

## Who's in the outreach?

- RFID-CG consultation meetings with interested stakeholders and international standards bodies
- In Europe (at least) with European Commission (DGs ENTR and INFOS), ANEC, Article 29 Working Party of Data Protection Commissioners
- Outside Europe eg:
  - ISO/IEC JTC1/SC17/WG8 "Integrated circuit cards without contacts"
  - ISO/IEC JTC1/SC31
  - GS1-EPC Global and other bodies as appropriate
- Public consultation on draft report; open meeting



**Watch this space....**

Thank you

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