

CEN Reference:

[BT N 8795](#)

CENELEC Reference:

[BT140/DG8579/INF](#)

M/436 PHASE 2 ON RFID

Dear BT member,

This document gives you an update on the arrangements made to start the Phase 2 work related to M/436 in the field of ICT as applied to RFID systems. With this document we want to raise your attention to the probable imminent start of it.

Background

In December 2008, the European Commission addressed Mandate M/436 to CEN, CENELEC and ETSI. M/436 was accepted by CEN, CENELEC and ETSI at the beginning of 2009 (CEN/BT Resolution C018/2009 and during 134th CENELEC/BT). The mandate addresses the data protection, privacy and information aspects of RFID, and it is being executed in two phases.

Phase 1, completed in May 2011, identified the work needed to produce a complete framework of future RFID standards. Results are published in the joint CEN-CENELEC-ETSI Technical Report ¹ (CEN Resolution BT 13/2011 and CENELEC BT Decision D138/040).

A CEN-CENELEC-ETSI M/436 coordination group was set up to monitor the work carried within Phase 1.

The Phase 1 Technical Report provides a list of standardization work items to be carried out in M/436 Phase 2 (Table 2 on page 21). It clearly identifies the work items allocated for Phase 2 to CEN mainly dealing with RFID application (CEN TC 225 and CEN WS DPP) and those allocated to ETSI (TISPAN and other committees) mainly dealing with RFID research. There are no proposed work items for CENELEC in Phase 2.

Phase 2 of the Mandate – Organizational aspects

Actions preparing for Phase 2 addressed two important aspects: definition of technical content of Phase 2 to be basis of Grant Agreement and the organization of collaboration between the ESOs.

The European Commission convened a meeting on 25 July 2011 to address these issues. Following this meeting in September 2011 ETSI informed CEN that ETSI would not submit a proposal for work under Phase2 of this mandate.

¹ Source: Published as ETSI TR 187020 at URL: www.etsi.org/WebSite/Standards/Standards.aspx

Since only CEN expressed intention to submit a proposal for work under this mandate, at the meeting on 25 July CEN and ETSI representatives suggested that there is no requirement for a CEN CENELEC ETSI M/436 coordination group, like in Phase 1, and participation of ETSI and CENELEC experts would be through the usual collaboration mechanism (liaison).

Phase 2 of the Mandate – Technical aspects

Regarding the technical content, CEN TC 225 discussed at its plenary meetings in March and October 2011 how to carry out work assigned to CEN TC 225 and CEN WS DPP following the ETSI TR 187020. CEN TC 225 will liaise with CEN Workshop Data Protection and Privacy especially for the work which concerns privacy aspects.

A quotation for funding was submitted to the European Commission DG Enterprise on 28 October 2011. Work is expected to start at the end of 2011/beginning of 2012 and the various tasks will then be completed in the following 24 months. A call for experts will be launched at the end of 2011.

The European Commission Information Society Directorate General asks CEN and CENELEC BT Members to circulate the enclosed message from Mr G. Santucci to their stakeholders.

Under M/436 Phase 2, CEN TC 225 proposes to develop the following:

1. CEN TS Notification of RFID: the information sign to be displayed in areas where RFID interrogators are deployed;
2. CEN TS Device interface to support ISO/IEC 1800-3 Mode 1 and 3 tags;
3. CEN TR Notification of RFID: Additional information to be provided by operators;
4. CEN TR Privacy capability features of the current RFID technologies;
5. CEN TR RFID PIA analysis for specific sectors;
6. CEN TR RFID threat and vulnerability analysis;
7. CEN TR Authorization of mobile phones when used as RFID interrogators;
8. TR: Analysis of PIA methodologies relevant to RFID;
9. EN notification of RFID: the information sign and additional information to be provided by operators of RFID data capture applications;
10. EN: RFID privacy impact assessment (PIA) process.

The ENs will be submitted for approval according to CEN rules.

The above mentioned deliverables will be proposed as CEN TC 225 new work items.

CEN Reference: [Annex to BT N 8795](#)

CENELEC Reference: [Annex to BT140/DG8579/INF](#)

**Message to be distributed among stakeholders which are interested in RFID
(Radio Frequency Identification)**

**The message is sent on behalf of Mr Santucci, Head of Unit "Enterprise
Networking and RFID", European Commission Directorate General Information
Society.**

Dear Madam/Sir

In line with the Data Protection and ePrivacy directives and with the European Commission Recommendation published on May 12th, 2009, this e-mail alerts you to the imminent start of an EU standardisation program on the use of RFID in Europe, and asks for your assistance in setting up links between the program and concerned stakeholders. The program will focus on the issue of safeguarding the privacy of citizens when operating RFID systems in Europe.

The expected results of the program will be relevant to all enterprises in Europe, large and small, public and private, commercial and non-commercial. It is also relevant to organisations outside Europe who may import products to Europe for retail sale.

The work program will codify

- the use of Privacy Impact Assessment (PIA) procedures when designing and implementing RFID systems, in accordance with the RFID PIA Framework developed by industry (January 2011), endorsed by the Article 29 Data Protection Working Party (February 2011), and signed in Brussels by all key stakeholders, in presence of Vice President Neelie Kroes, on April 6th, 2011,
- the display of signs (which will be mandatory for certain applications) to notify citizens of the presence and operation of these systems,

and will build on existing informal work in this area and incorporate lessons learnt by early adopters.

The work program will be assigned to CEN/TC 225 Technical Committee. A call for experts to perform the required tasks will be issued by CEN/TC 225 as soon as the official contract will be signed. Work is expected to start before the end of 2011 and the various tasks will then be completed over the following 12-24 months.

In order that the program can proceed smoothly and efficiently, we are contacting a wide range of stakeholders to seek their help in establishing good communications prior to the start date, with the particular objective of helping small as well as large organizations to contribute to the work. Because of the mandatory implications that will follow the publication of standards, it is essential that a maximum of stakeholders be actively participating at the earliest possible stage of the work.

We would appreciate your answers to the following questions:

1. Have there been any executive discussions within your organization about the EU RFID Recommendation regarding the need to display signs for RFID implementations and to undertake a privacy impact assessment?
2. Has there been any dialogue between your organization and your National Data Protection Agency(ies) about security of data captured by RFID systems?
3. Does your organization wish to be part of the Standardization work? YES / NO
Note: If NO, could you give the reason?
4. If YES, please provide a contact name and contact details for such person.
5. If YES, do you wish to be an active player or simply wish to be kept informed of progress?
6. What issues on citizen privacy, data security and notification signs (i.e. similar to those used widely by the CCTV industry) do you feel need to be addressed by the work program?
7. Which other stakeholders do you believe we should contact?

We would appreciate receiving this information by **December 15th, 2011**. This MUST be sent to info-iot-europe@ec.europa.eu

Thank you for your help and input to this important topic.

Kind regards

Gerald SANTUCCI
Head of Unit, "Enterprise Networking and RFID"
DGINFSO, European Commission