

ISO/IEC JTC1/SC17
Cards and personal identification

2009-07-03

ISO/IEC JTC1/SC17 N 3707

WG8 N 1576 = TF2 N 641

DOCUMENT TYPE: Notification of Ballot

TITLE: Notification of Ballot - ISO/IEC NP 14443-4 - Identification cards - Contactless integrated circuit cards - Proximity cards - Part 4: Transmission protocol - Amd 1: Activation of higher layer protocols.

BACKWARD POINTER:

SOURCE: SECRETARIAT ISO/IEC JTC1/SC17

STATUS: This ballot has been posted to the ISO Electronic balloting application and is available under the Balloting Portal, Committee Internal Balloting.

Simultaneous PDAM ballot, (17n3708).

ACTION ID: Vote

WORK ITEM: To be advised.

DUE DATE: 2009-10-04

DISTRIBUTION: P and L-Members of ISO/IEC JTC1/SC17
JTC1 Secretariat
ISO/IEC ITTF

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Secretariat ISO/IEC JTC1/SC17, APACS, Mercury House, Triton Court, 14 Finsbury Square,
London EC2A 1LQ, England;
Telephone +44 (0)20 7711 6255; Fax: +44 (0)20 7711 6299; e-mail: chris.starr@apacs.org.uk

G3 New Work Item Proposal

PROPOSAL FOR A NEW WORK ITEM

Date of presentation of proposal: 2009-07-04	Proposer: AFNOR ISO/IEC JTC 1/SC 17
Secretariat: BSI (United-Kingdom)	ISO/IEC JTC 1 N 3707

A proposal for a new work item shall be submitted to the secretariat of the ISO/IEC joint technical committee concerned with a copy to the ISO Central Secretariat.

Presentation of the proposal - to be completed by the proposer Guidelines for proposing and justifying a new work item are given in ISO Guide 26.

Title Setting and Activation of Upper layer to ISO/IEC 14443
Scope: ISO/IEC 14443-4 - Identification cards - Contactless integrated circuit cards - Proximity cards - Part 4: Transmission protocol – Amd 1: Activation of higher layer protocols. Evolution of ISO/IEC 14443 in order to allow the activation of higher layer protocol such as the protocol related to NFC (Near Field Communication).
Purpose and justification - attach a separate page as annex, if necessary (See ANNEX)
Program of work If the proposed new work item is approved, which of the following document(s) is (are) expected to be developed? <input type="checkbox"/> a single International Standard more than one International Standard (expected number:) <input type="checkbox"/> a multi-part International Standard consisting of parts <input checked="" type="checkbox"/> an amendment to ISO/IEC 14443-4 <input type="checkbox"/> a technical report , type
Relevant documents to be considered ISO/IEC 14443 Parts 3 & 4
Cooperation and liaison
Preparatory work offered with target date(s) June 2009
Signature:
Will the service of a maintenance agency or registration authority be required? NO..... - If yes, have you identified a potential candidate? - If yes, indicate name
Are there any known requirements for coding? NO..... -If yes, please specify on a separate page
Does the proposed standard concern known patented items? UNKNOWN..... - If yes, please provide full information in an annex

Comments and recommendations of the JTC 1 Secretariat - attach a separate page as an annex, if necessary

Comments with respect to the proposal in general, and recommendations thereon: It is proposed to assign this new item to JTC 1/SC 17/WG 8

Voting on the proposal - Each P-member of the ISO/IEC joint technical committee has an obligation to vote within the time limits laid down (normally three months after the date of circulation).

Date of circulation: YYYY-MM-DD	Closing date for voting: YYYY-MM-DD	Signature of JTC 1 Secretary:
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NEW WORK ITEM PROPOSAL - PROJECT ACCEPTANCE CRITERIA		
Criterion	Validity	Explanation
A Business Requirement		
A.1 Market Requirement	Essential <input checked="" type="checkbox"/> Desirable ___ Supportive ___	Widening of ISO/IEC 14443 uses such as NFC compatibility (e.g. Peer to Peer mode). Ensuring the support of higher layer protocols in the future
A.2 Regulatory Context	Essential ___ Desirable ___ Supportive ___ Not Relevant <input checked="" type="checkbox"/>	
B. Related Work		
B.1 Completion/Maintenance of current standards	Yes <input checked="" type="checkbox"/> No ___	Compatibility with the version of ISO/IEC 14443 is required
B.2 Commitment to other organization	Yes ___ No <input checked="" type="checkbox"/>	
B.3 Other Source of standards	Yes <input checked="" type="checkbox"/> No ___	ISO/IEC 14443
C. Technical Status		
C.1 Mature Technology	Yes <input checked="" type="checkbox"/> No ___	
C.2 Prospective Technology	Yes <input checked="" type="checkbox"/> No ___	Support of new technologies/protocols and enhancement as Very High Data Rate will be usable under this work item
C.3 Models/Tools	Yes ___ No <input checked="" type="checkbox"/>	
D. Conformity Assessment and Interoperability		

D.1 Conformity Assessment	Yes ___ No _X_	
D.2 Interoperability	Yes _X_ No___	
E. Other Justification		

Notes to Proforma

A. Business Relevance. That which identifies market place relevance in terms of what problem is being solved and or need being addressed.

A.1. Market Requirement. When submitting a NP, the proposer shall identify the nature of the Market Requirement, assessing the extent to which it is essential, desirable or merely supportive of some other project.

A.2 Technical Regulation. If a Regulatory requirement is deemed to exist - e.g. for an area of public concern e.g. Information Security, Data protection, potentially leading to regulatory/public interest action based on the use of this voluntary international standard - the proposer shall identify this here.

B. Related Work. Aspects of the relationship of this NP to other areas of standardization work shall be identified in this section.

B.1 Competition/Maintenance. If this NP is concerned with completing or maintaining existing standards, those concerned shall be identified here.

B.2 External Commitment. Groups, bodies, or fora external to JTC 1 to which a commitment has been made by JTC for cooperation and or collaboration on this NP shall be identified here.

B.3 External Std/Specification. If other activities creating standards or specifications in this topic area are known to exist or be planned, and which might be available to JTC 1 as PAS, they shall be identified here.

C. Technical Status. The proposer shall indicate here an assessment of the extent to which the proposed standard is supported by current technology.

C.1 Mature Technology. Indicate here the extent to which the technology is reasonably stable and ripe for standardization.

C.2 Prospective Technology. If the NP is anticipatory in nature based on expected or forecasted need, this shall be indicated here.

C.3 Models/Tools. If the NP relates to the creation of supportive reference models or tools, this shall be indicated here.

D. Any other aspects of background information justifying this NP shall be indicated here.

D. Conformity Assessment and Interoperability

D.1 Indicate here if Conformity Assessment is relevant to your project. If so, indicate how it is addressed in your project plan.

D.2 Indicate here if Interoperability is relevant to your project. If so, indicate how it is addressed in your project plan.

E. Cultural and Linguistic Adaptability Indicate here if cultural and linguistic adaptability is applicable to your project. If so, indicate how it is addressed in your project plan.

F. Other Justification Any other aspects of background information justifying this NP shall be indicated here

ANNEX: Purpose and justification

In order to enable 14443 devices to support advanced features, a mechanism shall be defined at the activation phase of 14443.

The advanced features are in the field of the contactless technology to address future applications and advanced features.

In the near future, the following features on top of ISO/IEC 14443 are expected or foreseen:

- support for binding of the Peer to Peer mode (related to near Field Communication technology),
- support for binding of a security layer on top of ISO/IEC 14443,
- support to bootstrap Very High Speed contactless technology (already under study)

The mechanism shall also address future needs for advanced features in the longer term.

One constraint is to make sure that the evolution of the standard does not end up in backward compatibility problems.