
INCITS, InterNational Committee for Information Technology Standards

Minutes

INCITS B10.5 - Contactless Cards
Washington DC Area
May 10, 2006

Joint B10.1 & B10.5 Briefing Notes:

WG8 & TF2 & TF4 Report

1. The subject matter; Financial Banking contactless Cards such as (MC-PayPass, Visa, etc), where discussed throughout many aspects of the agenda. In particular, interoperability, 14443 enhancements and testing methods.
2. A briefing to the WG8 committee on the newly approved Limited Use ANSI/INCITS 410 standard was presented. Actual sample cards utilizing the LU standard were exhibited and exercised during the briefing.
3. The 14443-1 movement to integrate many aspects of the contactless physical specifications to the 7810 standard were stated do to several issued that have surfaced from the proposed UK delegations specification changes and transfer of information. In example; there was no indication that 7810 efforts to cover 14443-1 required specifications had actually transferred been transferred to 7810 or its associated working group. In addition, the UK specification was challenged on many fronts first by the Belgium delegation followed by the USA and Japan.
4. TF2 briefing covering: "Multiple PICCs", much driven by e-Passport efforts. This effort was reported to be in its beginning stages.
5. TF4 briefing covering; several aspects of the 14443-X standard enhancements that may be required to "tighten-up" the specification during the 5-Year maintenance cycle of the standard.

WG4 Report

1. Briefed on a new work item to establish a "De-Activate" command to hide specific "records" within a readable file was proposed. These new functionality was proposed to enhance overall security related to available open information stored in the card or supporting application.
2. Quickly reviewed 7816-2 latest ballot items which have now been resolved
3. WG11 and WG4 are attempting to workout methods to better collaborate on related standards specifications.
4. 10373-3 will is scheduled to be reviewed and technically addressed during future meetings.

WG3 Report

1. Final draft of 9303-3 travel cards/documents has been completed and is released for review.
2. Significant numbers of countries have reported that they will have contactless chip based passports by mid to late 2007
3. Australia and New Zealand are still operating a LAX pilot operating on e-Passports, so far the results are encouraging.
4. DHS is now involved in testing the various countries e-Passports for ICATO compliance and functionality in order to meet the Oct. 2006 scheduled deadline.
5. The Japanese e-passport failed due to an unauthorized application of the specification which has been resolved causing the Japanese e-Passport to be revised back to the original ICATO specification.

B10.9 Report

1. It was decided that two sample applications would be implemented to prove PIV functionality: RIS and CHUID.
2. WG4 has raised some concerns on ballot process 72447-1, there were two negative votes from Germany and France (ability to ID your translation script was highlighted)
3. Part-3 went forward for comment with 59 pages of comments received that will need to be resolved this has paved the way to force a second CD.
4. Part-4 to improve specification "IT security" aspects. Most of this is related to the internal security aspects of card application to client application.
5. Part-5 is still in the beginning stages of specification.

Beginning of the B10.5 meeting

1. Chairman Francis Christian called the B10.5 meeting to order at 1:00 PM and V.Chairman Walt Bonneau was asked to take the minutes.

The following are the Attendees; members and observers.

Voting Members;

American Express; Richard Orth
Assa Abloy ITG: Marty Frary
Atmel: Francis Christian & David Dressen
BearingPoint: Rish Pathak
Biometric Assoc: John Hochstein
Cubic: Walt Bonneau
DataCard: Brian Beech
Fall Hill Assoc: Barry Kefauver
Fargo: Gary Klinefelter
First Data: Roger Musfeldt
G & D America: Mike Meringer
Gemplus: Rajesh Sharma & Drew Anders
Infineon Tech: Mark Stafford
JCB Int: Philippe Hiolle
Mag-Tek: John Stearns
MasterCard: Jim Russell
Oberthur Card Systems: Chris Goyet
OTI America: Gideon Bromand
SAIC: Phong Xuan Ngo
StepNexus: Mike Neumann
Unisys Corp: Bryan Ichikawa
US Dep of Commerce NIST :Terry Schwarzhoff & Bill MacGregor
US DoD-Manpower: Bob Gilson & Marlon A. Guarino
US Do Navy: Gary Brunner
Verifone: Kevin Singh & Jonathan Ernst

Observers;

Identity Alliance: Tim Jurgensen
FCB, LLC; Chuck Baggeroer

Attendance was taken and 25 of 34 voting members and 2 observers were present.
Therefore we had a quorum.

The chairman reminded all members that all meetings are conducted under the INCITS anti-trust guidelines. These guidelines are available at <http://www.incits.org/inatrust.htm> and the INCITS Anti-Trust policy was discussed and read to the committee.

2. A motion was made by John Stearn of MagTek and second by Brian Beech of DataCard to approve the draft agenda with the added topic of standard to confirm. The motion passed unanimously
3. A motion was made to approve the February 1, 2006, minutes by David Dressen of Atmel and second by Gary Klinefelter of Fargo Electronics, The motion passed unanimously
4. LUC ANSI Standard 410-2006 has been approved and is in the ANSI eStore.. Limited Use INCITS 410-2006: It was proposed by the Chair to place this standard on the B10.5 website with the implied INCITS use restrictions. It was agreed by the committee that the 410 will be listed on the secure B10.5 website.
5. WG8/TF4 Activity ---
 - a. TF4 activities from Vienna was reviewed using the fishbone chart which incorporates the various elements/applications that will need to be taken into considered to improve 14443 as it attempts to achieve more consistent interoperability application by different market segments.

- b. There was some concern that the market segment was too focused on financial banking cards.
 - c. The next WG8/TF4 meeting will be August 7-8, 2006 in Washington DC at the INCITS offices
6. Review of Minutes of WG8:
- a. ETSI involvement in Contactless was made known as informative information to the Group. Scott Guthery of Mobile-Minds Inc. volunteered to report ETSI activity, as the liaison to B10.5.
 - b. In support of 14443-1 (Revision); WG8 postponement of this CD ballot resolution to allow time to check on the content of 7810 covering the removed text of 14443-1. In addition, there was significant resistance to the UK editor proposed removal from the specification.
 - c. Review and discuss the change to ISO/IEC10373-6 FDAM5 - Significant discussion was held to accept 10373-6 FDAM-5 modifications to values in a "table". There was concern over the correctness of the changes. The B10.5 committee was asked to review the documents and comments to be returned to Chair. Those modifications, when accepted will require a second FCD ballot. Then a Defect Report to ISO/IEC14443-2 will be necessary. A draft version of the Defect Report will be proposed by Reinhard Meindl. The agreed version of the Defect Report will be sent to the SC17 Secretariat right after the successful balloting of the FCD vote.
 - d. It was pointed out to the members to review the WD text for the following standards revisions and send any changes to the chair for forwarding to the ISO editor.
 - 1. ISO/IEC15693-2
 - 2. ISO/IEC15693-3
 - 3. ISO/IEC10373-6
 - 4. ISO/IEC 14443-2
 - 5. ISO/IEC 14443-3
 - 6. ISO/IEC 14443-4
7. Ballot recommendations from B10.5 to B10
- a. B10.5 had 5 standards to respond to B10. The results were to Revise the standard and the answer to question 2-4 were yes. The standards are;
 - 1. ISO/IEC10373-6
 - 2. ISO/IEC10373-7
 - 3. ISO/IEC 14443-2
 - 4. ISO/IEC 14443-3
 - 5. ISO/IEC 14443-4
8. Discussion on Contactless card standard for the financial/payment industry
- a. There was a request on the subject of creating a financial/payment standard within the B10.5. This was delayed until further financial technical representation was involved.
 - b. Presentation was given by VeriFone to support an interoperable Financial and Transit specification. This generated several questions & statements with regards to associated licenses required, level of technical contribution, openness of the financial industries specifications, description of EMV specification and combined working group.
 - c. The Chair asked what can be done to coordinate and contribute to a financial/payment standard in reference to the contactless technology.
 - d. Action item: Jim Russell of MasterCard to look into providing a technical expert on PayPass to make a presentation at the next B10.5 meeting.
9. Discuss hosting the series of ISO meetings January 2007 in San Diego
- a. A request was made by the Chair to host the ISO WG8 meeting in San Diego in January 2007. This would require a Sponsorship to support the ISO meetings. This could be done

by each member contributing \$100 to raise a total of \$3,000 or several members sponsoring the meeting.

- b. Motion was made by John Stearn of Mag-Tek and seconded by Jim Russell of MasterCard to host the meeting in San Diego. The exact financial details will be resolved at the August 2006 meeting.

10. Future INCITS Meeting Schedule

- a. B10.5 - August 16, 2006, in the San Francisco area

11. Future ISO meetings and delegates

1. WG8/TF2 September 21-27, 2006, in Paris, France - Delegates - David Dressen(HOD), Francis Christian, Brian Beech, Marty Frary, and Walt Bonneau
 2. WG8/TF4 August 7-8, 2006, in Washington DC - Delegates - Marty Frary(HOD), Brian Beech, David Dressen, and Walt Bonneau. (Francis Christian is the convener of TF4)
 3. WG8 September 28-29, 2006 in Paris, France - Francis Christian(HOD), Brian Beech, David Dressen, Marty Frary, and Walt Bonneau
4. Motion to adjourn was made by John Stearns of Mag-Tek and seconded by Mike Meringer of G&D
The motion passed unanimously. Adjourned at 2:45 PM