

MEETING MINUTES

November 17, 2015, Hyatt Madeleine, Paris

MEMBERS PRESENT

NAME	COMPANY
Harm Braams	Vasco Data Security
Uwe Schnabel (via Webex)	HID Global
Franz Trierweiler	Ingenico
Axel Polakowski	Ingenico
Uli Dreifuerst	PC/SC Administration

In the wake of the Paris attacks some members were unable to attend due to a corporate travel ban.

MINUTES

The meeting began at 7:20 pm.

1 Administrative

1.1 Financial report

The financial report for the third quarter can be viewed in the member section on the PC/SC website. Current account balance at the end of September was \$15,756.09. Workgroup budget for 2015 remains similar to previous years.

1.2 Test Card Sales

The figures for test card sales for 2014/2015 were presented. Q4 2014 included one test card set version 2.0 at \$1000. Expenses for shipping, merchant, bank, and accounting fees totaled \$406.29. From January to September 2015, one test card set was sold at \$1000 with expenses totaling \$328.30.

1.3 Status of Past Activities

Action items from the last meeting were reviewed. Please refer to the previous meeting minutes for details.

1.3.1 Part 10, Floating PIN Frames

Status: ongoing, see item 2 below

1.3.2 Part 10, Pinpad Readers with Firewall

Status: ongoing, see item 3 below

1.3.3 Part 10 Support for Android

Status: not being discussed since NXP was unable to attend

1.3.4 Part 3, Supplemental Document 2 – NFC devices

Status: not being discussed since NXP was unable to attend

2 Part 10 Floating PIN Frames

With comments received since the last meeting, Harm Braams from Vasco had finalized the text outlining the concept of floating PIN frames. Several issues came up in this context:

- How to deal with this section, since some chapters will have a lot of detail and others will not.
- What version number to use for the update, a new minor version 2.03.0 or an update to the revision 2.02.10?

The following steps were defined to finalize this proposal:

1. Administration to insert Harm's text into a new revision 2.02.10 of part 10. This update will also incorporate the Supplement and Amendment 1.1, which are currently provided as separate documents.
2. Admin will send the updated document to Uwe Schnabel and Harm Braams for review.
3. After a four week review period, the finalized document will be sent to the workgroup for review.
4. At the same time, ask the group what they would like to see in new version 2.03.0. HID will provide some initial input.
5. After review and acceptance of the proposal by the Workgroup, the USB standards organization will be notified about this feature. It is also planned to have an entry added to the ISO 7816.4 list of error codes 63.xx. When an application receives this error code, additional information can be retrieved from the APDU.

Action items:

What: Incorporate proposal, supplement and amendment into 2.02.10

Who: Administration

When: 12/04/2015

What: Review over a four week period and send to group for review

Who: HID, Vasco

When: 01/08/2016

What: Contact ISO regarding error code

Who: HID

When: to be determined

3 Part 10, Pinpad Readers with Firewall

The group determined that support for firewalls is difficult to implement, since applications do not know about a firewall and won't be able to determine if a message is from a firewall, from a reader or from a card. The proposal was dropped because of concerns that it would be incomplete and could raise wrong perceptions.

3.1 Language Indicator

The group accepted the proposal to add an additional entry to the table FEATURE_GET_TLV_PROPERTIES to indicate language. The next available value is 0x0D.

Action items:

What: Add new code to table FEATURE_GET_TLV_PROPERTIES

Who: Administration

When: together with update to item 2 on 12/04/2015

4 Support for Android

The topic was left open due to NXP's inability to attend this meeting.

5 Part 3, Supplemental Document 2 – NFC devices

Uwe Schnabel saw the potential for conflicts since NFC is not in sync with Microsoft, for example, Microsoft may use a drive letter for the card. The NFC device class and driver may get in conflict from low level, medium level, driver and middleware access that parses for end of message to identify service provider, which is not coordinated with the Resource Manager's APDU access. A resource conflict could result if both sides issue a Select File command. The group would like to avoid adding additional commands to read messages. Uwe Schnabel will follow-up with NXP.

Action items:

What: Follow-up with NXP

Who: HID/Uwe Schnabel

When: tbd

6 Shifting Focus for PC/SC

The group did not see a need to change the focus of the PC/SC Workgroup. The objectives have been met and no major problems exist – “mission accomplished”. Suggestions from the membership are welcome.

PC/SC Workgroup

The group discussed emphasizing “pseudo APDU messages” as input for part 10. The Resource Manager base will remain “forever”, all else could move to a higher level. This would initially require a change to part 10, followed by part 3.

Improvements to part 10 are already under way, as described under items 2 and 3.

Action items:

What: Follow-up with NXP for an extended meeting

Who: HID/Uwe Schnabel

When: tbd

6.1 Promotion of Member Products

The group discussed a proposal to expand the current product list on the web site. It was suggested to develop an application that provides detailed information about supported functions. This could provide more transparency and let customers make a more educated decision as compared to a simple stamp of PC/SC compliance today.

Companies could be charged a fee to have their product tested by a neutral test lab. The results about the product would be posted on the PC/SC web site.

The level of compliance could be tested by requesting a list of supported features from the driver. This kind of test would help with establishing a level of compliance with part 10. Part 3 currently does not support announcement of features.

Administration will check options for establishing a test lab and for content of the test program.

Ingenico will inquire with their marketing department what they would be willing to pay for this promotion.

Action items:

What: Draft an initial proposal and send to members present for review

Who: Administration

When: 12/04/2015

What: Inquire on pricing

Who: Ingenico

When: tbd

The meeting adjourned at 10:40 pm.

Members: Please review the Meeting Minutes, and inform the Workgroup Administration of any inaccuracies within 10 days of receipt. When no inaccuracies are found, the Minutes will be viewed as having been accepted by the membership.

PC/SC Workgroup Administration

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