PC/SC Workgroup

MEETING MINUTES
for November 17, 2009, Hyatt Madeleine, Paris

MEMBERS PRESENT

NAME	COMPANY	EMAIL ADDRESS
Andrew Chan	Advanced Card Systems	Andrew.chan@acs.com.hk
Henry Tse	Advanced Card Systems	henrytse@acs.com.hk
Michael Hutchison	Gemalto	(attended via speaker phone)
Uwe Schnabel	HID Omnikey	USchnabel@hidglobal.com
Abu Ismail	NXP Semiconductors	abu.ismail@nxp.com
Frank Osthoff	Sagem-Monetel	Frank.Osthoff@Sagem-Monetel.de
Stephan Rasch	SCM Microsystems	srasch@scmmicro.com
Torsten Maykranz	SCM Microsystems	tmaykranz@scmmicro.com
Ayumo Kuru	Toshiba	Ayumu.kuru@toshiba.co.jp
Alexander Derks	Vasco Data Security	aderks@vasco.com
Harm Braams	Vasco Data Security	hbraams@vasco.com
Franz Trierweiler	Xiring	f.trierweiler@xiring.com
Dietrich Wecker	PC/SC Administration	DWecker@odsphinx.com

MINUTES

The meeting began at 7:00 with a brief self-introduction of each participant.

Administrative

1.1.   Financial Report
Current account balance and income from membership fees and test card sales was briefly discussed. A detailed report for the 3rd quarter 2009 is posted at website.

1.2.   Status Report Test Cards & Loaner Sets
The sales of test card and loaner sets continued to decline due to saturation. During the first 3 quarters of 2009 5 card loaner sets and 2 test card sets have been sold.

1.3.   Member Name Change - Policies & Procedures
The group briefly discussed a potential new membership level for individuals (of the open source community). With the conversion of PC/SC workgroup into a non-profit organization it might become prohibitive to sell test cards or loaner sets to non-members. During the current consultation of the PC/SC Administration with legal advisors about the non-profit status any requirement for a new membership status will become apparent in the next few weeks. The PC/SC Administration will then inform all members of the possible options.

1.4.   Application for Non-Profit Status
The Administration is currently consulting with legal advisors on converting the PC/SC Workgroup into a non-profit corporation. One of the prerequisites will be to change the bylaws.

Action items:
What: *The PC/SC Administration will inform all members of the possible options once defined by the legal advisors.*
Who: Administration.
When: End of 2009.

1.5.   Web Site Updates (organizational, developer resources, downloadable code samples)
The Administration briefly mentioned that code samples can be posted at the PC/SC Workgroup's website under the members area. The process of how code samples are to be submitted and how the quality of such samples can be assured is still in progress. No further action was taken on this topic at this time.

2. Completed Items
The completed items listed on the meeting agenda were noted. No further action on these items was discussed under this topic.

3. Ongoing Items

a. EMV Mode
HID Omnikey reported that their schedule related to completing their EMV Mode proposal was set back in order to prioritize on their efforts to complete the proposal for contactless cards (see below).

b. SDK for the PC/SC API
At the workgroup meeting in April 2009 in San Francisco the benefits and options were discussed of creating a library of and maintaining code samples. This process is ongoing.

c. Update Current Specification to Reflect Current Standards
It was discussed that new revisions of standards need to be reflected in the PC/SC specifications. Harm Braams, Vasco Data Security, volunteered to send in a proposal on how to reference new revisions of standards.

Action items:
What: Prepare proposal on how to reference new revisions of standards.
Who: Harm Braams, Vasco Data Security
When: End of 2009.

d. The possibility of a new membership level for loaner set customers and individuals or open source corporate members was briefly mentioned (see also point 1.3 above). No decision or further action on this topic was taken.

This topic may have to be picked up again at a future meeting when the requirements for the conversion into a non-profit corporation are known, and when the if / how to work with the open source community are being discussed.

e. IFDtest2 update
During the discussion of this topic it was found that the IFDtest2 provided by Microsoft is currently the de-facto PC/SC compliance test tool. As such it only covers the core PC/SC functionality, but leaves out many of the more recent features such as extended APDUs, secure PIN entry features, non-7816 cards. It was found that if a test tool were to cover more recent additions to the PC/SC specifications, the tool would have to be continuously maintained.

The group saw that it would be beneficial if a test tool would be available that covers all or most of the newer PC/SC features. As a first step it was decided that the workgroup would ask Microsoft if they had plans to extend the functionality of their current IFDtest2 test tool and if they would be willing to maintain the tool so that future PC/SC revisions would be reflected in the test tool. If Microsoft has no plans to include newer PC/SC features into the test tool, this topic shall be revisited at the next PC/SC meeting in Spring 2010.

Action items:
What: Prepare email that can be forwarded to Microsoft asking about the status and plans for their PC/SC test tool.
Who: Franz Trierweiler, Xiring
When: next few days.

f. Language Codes - Members were asked if PC/SC should include specifications for language codes

During this discussion the group concluded that there was no need for change. Uwe Schnabel, HID Omnikey, pointed out that PC/SC specifications already reference the USB Language ID definitions.

4. Proposal for Part 10

Gemalto had sent a request for an update to part 10.   The group discussed the pros and cons of implementing feature extensions via adding new op-code function calls versus implementing TLV coded extensions.   With future TLV codes being defined as BER-TLV, it was found that, at this point, adding a feature op-code would have the least impact on the stability of part 10.   Franz Trierweiler suggested that the new function calls proposed by Gemalto should not include the "TLV" reference in their name since they are not a BER-TLV implementation.

Michael Hutchison agreed that Gemalto should revise their function extension proposal accordingly.

Action items:
What: Revise their proposed function extension for part 10 and resubmit for voting.
Who: Michael Hutchison, Gemalto.
When: End of 2009?

5. PC/SC Universal Reader

Vasco Data Security proposed discussing the possibility of simplifying the interface by allowing universal reader and drivers similar to CCIID.   It was pointed out that part 10 includes a command "2.6.15 FEATURE_CCID_ESC_COMMAND" that can be used to retrieve the control code to send a CCID escape command.

The group suggested that it would be useful to take a closer look at the definition of the esc channel so that it may be reserved as a more general interface for future use without interfering with the existing specifications.

Action items:
What: Prepare a proposal/suggestion on reserving escape channel for future use.
Who: Harm Braams, Vasco Data Security.
When: Before the next PC/SC meeting at RSA.

6. Contactless Cards

Proposal from HID Omnikey and NXP Semiconductors for an amendment to Part 3 had been submitted and comments by PC/SC workgroup members had been received prior to this meeting.   During the meeting, each of the comments was discussed and it was determined, if the respective comment could be considered or would be dropped in the next revision of the amendment.

During the discussion of comments Torsten Maykranz suggested that SCM Microsystems would be willing to prepare a proposal on how to search for multiple cards in the field and how the card type could be returned to the application (relates to pt. 26 of the list of comments).

Uwe Schnabel and Abu Ismail suggested a timeline for the next revisions of this proposal. Accordingly, the next version of the proposal will be submitted by HID Omnikey and NXP Semiconductors before the end of 2009, comments are to be received until week 4, 2010, and the next revision is to be submitted before the PC/SC meeting Spring 2010 (RSA).   The group agreed that the proposal was a valid contribution.

Action items:
What: Prepare a proposal on how to search for multiple cards in the field and how the card type could be returned to the application (relates to pt. 26 of the list of comments).
Who: SCM Microsystems
When: Before end of 2009

What: Prepare next version of amendment proposal that reflects the comments and suggestions by members.
Who: HID Omnikey, NXP Semiconductors.
When: Before end of 2009

7. Other Business

No other topics were discussed.

The next Member Forum will be held during the RSA show in San Francisco, March 1-5 2010. Date and location will be mailed when it becomes available.

The meeting adjourned at 11:25 pm.

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

PC/SC Workgroup Administration
admin@pcscworkgroup.com