

# MEETING MINUTES

for November 16, 2005, Hyatt Regency Paris - Madeleine

## MEMBERS PRESENT

Gil Abel	Athena	<a href="mailto:gil@athena-scs.com">gil@athena-scs.com</a>
Dan Griffin	Microsoft	<a href="mailto:dangriff@microsoft.com">dangriff@microsoft.com</a>
Derek Adam	Microsoft	<a href="mailto:dereka@microsoft.com">dereka@microsoft.com</a>
Uwe Schnabel	Omnikey	<a href="mailto:uwe.schnabel@omnikey.com">uwe.schnabel@omnikey.com</a>
Thore Simonides	Orga	<a href="mailto:tsimonides@orga.com">tsimonides@orga.com</a>
Frank Osthoff	Orga	<a href="mailto:fosthoff@orga.com">fosthoff@orga.com</a>
JC Raynon	SCM Microsystems	<a href="mailto:jraynon@scmmicro.com">jraynon@scmmicro.com</a>
Remco Willemse	SCM Microsystems	<a href="mailto:rwillemse@scmmicro.com">rwillemse@scmmicro.com</a>
Takanobu Ishibashi	Toshiba	<a href="mailto:takanobu.ishibashi@toshiba.co.jp">takanobu.ishibashi@toshiba.co.jp</a>
Uli Dreifuerst	PC/SC Administration	<a href="mailto:admin@pcscworkgroup.com">admin@pcscworkgroup.com</a>

## MINUTES

The meeting began at 7:00 pm.

### 1. COMMENTS TO SPECIFICATIONS 2.01 AND ROADMAP

#### **Spec 2.0.2**

Uwe Schnabel from Omnikey spoke to the problem reports that were recently distributed to the pcsctech mailing list (C4/C8 commands). The group agreed to an immediate bug fix release 2.0.2 to be completed before the end of this year. Parts 2 and 3 are affected by this change. In order to meet the deadline, the group agreed to an accelerated schedule as follows:

- Omnikey, in coordination with Philips, to distribute an amended part 2 and 3 to the respective subcommittee members (Omnikey, Phillips, SCM, Orga) within two weeks (Nov. 30).
- Within one week, set a date and time for a conference call among the subcommittee members.
- Distribute updated part 2 and 3 to all PC/SC members for review.
- Final edits and release.

## Spec 2.1

Frank Osthoff (Orga) referred to the list of comments that they submitted back in May. Many have been addressed, however, they specifically mentioned problems with the identification of memory cards on the contact side. Since it will not be possible to resolve the outstanding issues in the upcoming bug fix release, the group decided to begin work after completion of 2.0.2. Orga agreed to working with the respective tech committee. The group plans an additional face-to-face meeting during CardTech/SecureTech in San Francisco May 2-4, 2006, to discuss a schedule for release 2.1. Specs 2.0 and 2.1 are based on the premise that no change to Resource Manager is required.

## Future Releases

The following topics were pointed out for subsequent releases:

- NFC (near field communication)
- Changes to Resource Manager, to support multi-application cards, among others. Microsoft is open to suggestions for changes to the Resource Manager. Implementation would be available in a next major OS release, the earliest being code-named Blackcomb, following Vista.
- Biometric interface, i.e. fingerprint replacing a PIN. The PC/SC framework could be used for biometric interoperability requiring an ISO/IEC JTC 1/SC 37 interface.

## 2. TEST CARDS

Microsoft has been working on an updated "PC/SC Test Tool Loaner and Sales Program", which is currently under legal review and will be distributed to the group following the review. The new set includes 5 cards:

1. Infineon Technologies PC/SC Compliance Test Card Version 1.0
2. Athena T0 test card
3. Athena T0 inverse convention card
4. Axalto 32K eGate
5. Infineon Sicrypt Card Module Test Card (D3)

These cards are not available in the open market. They will be available for loan or sale from the PC/SC Workgroup. Specifically, since these cards will be custom manufactured, we are interested in determining the number of cards needed to meet demand. For this purpose, we will send out a questionnaire to all PC/SC members and to all existing customers of the loaner set and sale program.

## 3. ADOPTER AGREEMENT

The Adopter Agreement is now a required implementation step and must be signed by any company that plans to adopt the PC/SC specifications.

#### 4. POSITION TO OTHER STANDARDS ORGANIZATIONS

The following standards were mentioned that relate to PC/SC:

- ISO/IEC JTC1 SC 17 Identification cards and related devices (Workgroup 4, Task Force 10)
- Financial standards (including Finread, payment (Mastercard))
- NIST, FIPS 2.1 (includes PC/SC)
- EMV (EMV cards are not allowed in non-EMV readers). In this context, it was noted that readers switch between ISO and EMV via soft switch, and that it would be desirable to have a standard way to accomplish this. The group wants to discuss this before May. Microsoft also indicated that such a “switch” would have to become part of the WHQL test.

#### 5. ELECTION OF CHAIRMAN

Andrew Tucker has moved on to another position within Microsoft and is no longer involved with smart cards. It was suggested that Shivaram Mysore from Microsoft accept the position, pending legal approval from Microsoft. Due to the low number of core members present, we will put this out to vote via email to the core members, once we receive a go ahead.

#### 6. ADMINISTRATIVE

The web site will be updated as follows:

- ease navigation for members (meeting notes, financial reports)
- post the roadmap
- make it easier to find history of discussion topics (email trail)

The meeting adjourned at 10:00 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.

Uli Dreifuerst

PC/SC Workgroup Administration  
9 Crow Canyon Court, Suite 108  
San Ramon, CA 94583  
Tel: (925) 855-0558 ext. 15  
Fax: (925) 855-0460  
admin@pcscworkgroup.com