

# MEETING MINUTES

for November 13, 2007, Hyatt Regency Paris - Madeleine

## MEMBERS PRESENT

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## MINUTES

The meeting began at 7:30 pm.

### 1. TEST CARDS AND LOANER SET PROGRAM

#### 1.1 Current Status

Status for 2007 to date:

Test Cards v2.0

Loaners: 3

Purchased: 25

Test Cards v1

Loaners: 5

Individual test cards sold: 6

New Members: 15

## **1.2 Testing of USB Devices**

At earlier meetings some of the members had inquired about an adapter for testing with form factors other than smart card, for example, SIM size slots for USB devices. It was suggested that cards could be punched out to the required size.

## **2. COMMENTS TO SPECS 2.01 AND ROADMAP**

### **2.1 Secure PIN Entry and Feature Write Display**

This feature concerns “secure” readers and the ability to display any type of text. The group could not come to agreement on the issue of security. Among the arguments:

- Concerns were raised about the ability to display arbitrary texts.
- Different markets have different requirements. PC/SC should not mandate security standards.
- Users need a button or LED indicating secure mode. Secure mode could be turned on by a driver. This would be sufficient for some applications.
- This is a single aspect of a multi-level security framework; security is more than a button or LED. A multi-level security framework needs to be defined, such as by Common Criteria.
- Customers don't think there is absolute security. Customers should not get a false impression of security
- Vendors do not rely on software alone.
- Historical concept of PC/SC:
  - IFD Handler in the middle
  - Idea of IFD messages to sign and enable security
  - But should not mandate any particular security standard

The Workgroup decided to postpone the issue, to allow members to get up to speed. Jean and Ryan will work on the wording. Date: within two weeks.

### **2.2 New Class Bytes**

This concerns selection from contactless, ATR old and new style, and support for old applications. Jean will send a proposal to the group.

### **2.3 General Authenticate Command**

Since Kobil was not present at the meeting, this topic will be added to the email discussion of part 10.

### **2.4 Biometric Devices**

The ISO subcommittee SC37 that defines a biometric hardware interface has released a new working draft. Omnikey participated in this effort and offered to distribute copies of the draft to interested members (SCM, Sagem Monetel, Microsoft, Gemalto, Cherry, Vasco).

### **2.5 .Net Cards and “Leave Power Up” Command**

The Resource Manager should not always power off the smart card when no application is connected. Ryan suggested to setting a time limit and to not keeping it powered up indefinitely. Another option would be a command to inquire if the smart card is ready for power down. Jean to send use cases to Ryan.

### **2.5. EMV Mode**

Gemalto had proposed an IOCTL switch for readers to switch between ISO mode and EMV mode, i.e. EMV class 1 readers. EMV is used primarily in payment applications and ISO in all others. Microsoft is willing to implement the change in the Resource Manager, it was seen as a minimal change.

Gemalto will make the changes to Part 10, send to Ryan and then to the Workgroup for review.

## **3. ADMINISTRATION**

A detailed financial report has been posted in the member section of the website.

The current revision of all specification documents has been posted in Word format in the member section as well. Other updates to the web site include a list of Frequently Asked Questions, sorted by technical questions and ordering, and a searchable email archive.

## **4. OTHER BUSINESS**

Several members had been suggesting a PC/SC Reference Implementation. According to Ryan, Microsoft has made the experience that even sample code has to have shipping quality which would be cost prohibitive for a comprehensive reference implementation.

The group is not presently aware of any changes to the CCID specs regarding switches to EMV mode.

The group agreed to hold the next Member Forum during the RSA Security conference in San Francisco April 7-11, 2008. Date and location will be mailed when it becomes available.

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

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