

# MEETING MINUTES

for April 8, 2008, Westin Hotel, San Francisco

## MEMBERS PRESENT

Sal Francomacaro	Microsoft	<a href="mailto:salfra@microsoft.com">salfra@microsoft.com</a>
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## MINUTES

The meeting began at 7:00 pm. Turnout was low since many of the regulars of the Cartes meeting did not attend the RSA Conference. Ryan Hurst from Microsoft introduced Sal Francomacaro, who will be Microsoft's new main representative to the PC/SC Workgroup.

### 1. Secure PIN Entry and Feature Write Display

This feature concerns "secure" readers and the ability to display any type of text. The group accepted Gemalto's proposal and will work on the final wording regarding the indicator of secure mode:

- "If this feature is enabled, the LED will be on."
- "The indicator of secure mode is under the direct control of the smart card reader device and cannot be triggered externally."
- "A secure mode indicator can be used by a reader to help a user detect these cases."

The Workgroup Administration will submit a draft to Sal Francomacaro for review and distribution to all members for final review and approval. Part 10 will be closed with these changes.

### 2. New Class Bytes

This concerns selection from contactless, ATR old and new style, and support for old applications. The group discussed Gemalto's proposal. Omniquey expects problems with the introduction of an optional parameter. The group is asking Gemalto to support their request. If no response is provided within 30 days, the proposal will be dropped.

### **3. General Authenticate Command, Handling of Historical Bytes**

This concerns a proposal that had been submitted by Kobil. The group is asking Kobil to support their request. If no response is provided within 30 days, the proposal will be dropped.

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

The Resource Manager should not always power off the smart card when no application is connected. The group thought that Gemalto’s proposal was a good approach and is asking Gemalto to propose more detailed language within the next 30 days. The changes are optional and don’t effect anyone who doesn’t use this feature. The role of the Resource Manager which has been passive (pass-through) becomes more active with this feature by providing sort of a callback that returns if the smart card is still busy.

### **5. EMV Mode**

Gemalto had submitted a proposal to include an IOCTL switch for readers to switch between ISO mode and EMV mode, i.e. EMV class 1 readers. Comments had been emailed from Kobil, Sagem Monetel and Vasco Data Security.

Microsoft is in support of a standardized way of doing this. The group is leaning toward option 3 from the Sagem Monetel email and is asking for further comments so that this topic can be closed within the next 30 days.

For reference, here is option 3 from Frank Osthoff’s email (April 2, 2008):

“(#3) A (new implemented) smartcard aware application could explicitly demand EMV- or ISO Mode behaviour. But also either RM or pcsc driver would have to spend a mode option (SCARD-Attribute or as IOCTL-Feature handled directly by the driver) by system call.”

### **6. Other Business**

#### **6.1. Reference Implementation**

The Workgroup Administration is receiving a lot of technical and programming questions from programmers that are integrating PC/SC into their applications. If a product was given, they will be directed to the manufacturers of that particular smart card or reader. The Workgroup could offer better service if it had sample code or a complete reference implementation.

At the last meeting, Microsoft had voiced concerns over a reference implementation. In their experience, even sample code would require production quality which would be expensive to provide and maintain. An alternative option was proposed where members would submit sample code to the Workgroup, which would be provided on the PC/SC web site “as is” with no support and if desired with no reference to the source, i.e. anonymous. The administration will submit a proposal to the business members for soliciting sample code from the members and for maintenance of the code on the web site.

## **6.2. Future Topics**

The group discussed future topics that may have an affect on PC/SC. One of the areas mentioned was NFC (Near Field Communication). Members are invited to articulate their positions as well as provide other topics that they think will have an impact on PC/SC.

## **6.3. Administrative**

The position of the chairman of the Workgroup was discussed. In the past, the business members of the Workgroup had elected the chairman. It was proposed to switch to a rotating chairmanship, whereby the business representative of each core member company would be chairman for one year. Administration will send a proposal to the business members.

The next Member Forum will be held during Cartes in Paris, November 4-6, 2008. Date and location will be mailed when it becomes available.

The meeting adjourned at 8:30 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.

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