

# SMART.IS Accompanying Measure Minutes of January 25<sup>th</sup> 2001 meeting

## Attending organisations :

The following participants attended to the meeting :

- Prime contractors organisations of the Smart.IS Accompanying Measure (Smart.IS AM) :

David Ankri for SIS MARKETING, [david.ankri@wanadoo.fr](mailto:david.ankri@wanadoo.fr)  
Claude Meggle for CYBER-COMM, [cm@cyber-comm.com](mailto:cm@cyber-comm.com)  
David Stephenson for CYBER-COMM, [ds@cyber-comm.com](mailto:ds@cyber-comm.com)  
Patrice Santi for SIS MARKETING, [psanti@eap.net](mailto:psanti@eap.net)  
Séverine Rieu for SIS MARKETING, [srieu@free.fr](mailto:srieu@free.fr)

Excused :

Olivier Trébucq for EUROSMART, [olivier.trebucq@gemplus.com](mailto:olivier.trebucq@gemplus.com)

- EUROSMART members

Thierry Collin for THALES, [tcollin@dassault-at.fr](mailto:tcollin@dassault-at.fr)  
Anastasia Akibodé for PHILIPS SEMICONDUCTORS, [anastasia.akibode@philips.com](mailto:anastasia.akibode@philips.com)  
Cédric Gourio for SAGEM, [cedric.gourio@sagem.com](mailto:cedric.gourio@sagem.com)  
Emmanuel Michaud for MCO, [emmanuel.michaud@groupe-mco.com](mailto:emmanuel.michaud@groupe-mco.com)

Excused :

Jacques Potier, for PHILIPS SEMICONDUCTORS, [jacques.potier@philips.com](mailto:jacques.potier@philips.com)

- TELECOM operators

Gerardo Lamastra for CSELT, [gerardo.lamastra@cse.lt](mailto:gerardo.lamastra@cse.lt)

- FINANCIAL operators

Susanne Bidsell for VISA INTERNATIONAL, [bidsells@visa.com](mailto:bidsells@visa.com)  
Angel Lozano for SERMEPA, [alozano@sermepa.es](mailto:alozano@sermepa.es)

- Systems integrators

Alain Grossmann for AXIOME, [alain.grossmann@axiometech.com](mailto:alain.grossmann@axiometech.com)  
Djamel Benseddik for AXIOME, [djamel.benseddik@axiometech.com](mailto:djamel.benseddik@axiometech.com)

➤ Other experts

Stéphane Ménager for NEUROCOM (as subcontractor of Cyber-Comm), [stephane.menager@neurocom.com](mailto:stephane.menager@neurocom.com)

Michel Persuy for Webity (partial time for web site presentation), [contact@webity.org](mailto:contact@webity.org)

## AGENDA OF THE MEETING

Following the Steering Committee of the Smart.IS project held in Brussels on December 7<sup>th</sup> 2000, the meeting of January 25<sup>th</sup> 2001 opened with the following objectives :

- To review the overall orientations of the Smart.IS project
- To clarify the authorised budget for each participating company
- To clarify the link with the e-Europe initiative
- To introduce and present the web site dedicated to the project
- To organise the second session of working group 1 on the **definition of a common cardholder authentication module**
- To launch working group 2 on the **building of a banking and telecom convergence model**

## MAIN OUTCOMES

- 1 Approval of the agenda and approval of the previous meeting's decisions
- 2 Short reminder of the project's orientations by David Ankri and mutual presentation of each participant
- 3 Presentation of Smart.IS **new web site** :
  - Smart.IS AM web site is now available for communication and working group discussions at <http://www.smartis.org>
  - The web site will be used to share and publish documents resulting from the Smart.IS working groups
  - Forum possibilities can also be used for specific purposes

The outputs from the working groups are kept private for the moment (decisions to make them public will have to be made by the Steering Committee). Logins will enable each participant to access working groups' materials according to the following procedures:

Login : First letter of the participant's name and complete surname

E.g. : **psanti** for Patrice Santi

Password: **DoNOTforg3t**

(Please be careful to respect the case of the letters, there is no space between letters and please note that there is a 3 in in the password and not an "e" )

- Participants suggest working procedures should be as follows :
  - For each working group, a frame will be placed on the web site by the chairman of the working group. This document will provide the architecture and plan of the report which will be delivered to the European Commission
  - Each participant will send his contributions/comments to the chairman, on the basis of the last version of the report found on the web site
  - The chairman will then validate the contribution, update the report, and post the new version on the web site.
  - To activate the Webhdav functionality on the site , the participant must have Internet Explorer 5 and Word 2000. A detailed How To is being prepared and will be posted to the site february the 6<sup>th</sup>.
- It has been suggested that the web site should contain a complete presentation of each member of the Smart.IS project :
  - A page should include the logos of each participant company
  - A link should enable the visitor to access the participant company's corporate web site
- It has been decided that each participant company should name one person who will be the interface with the web site's manager, Michel PERSUY ([contact@webity.org](mailto:contact@webity.org) via email, or +33 1 47 51 93 92 by phone). In particular, each participant should contact Michel PERSUY to provide authorisations and logos.

#### 4 Budget allocated to participating companies

- For each working group, it has been estimated that 2 men working 2 days a week during 6 months would be necessary for each participating company.
- This estimation will of course depend on the involvement level of each company.
- Authorised budget for a company contributing to the deliverables (white paper) is around 1 to 4 men days during the working group 1 (an average is to be confirmed by EUROSMART)
- The contribution proposals should be sent to Patrice Santi ([psanti@eap.net](mailto:psanti@eap.net)) with copy to the assistant of SIS Marketing, Séverine Rieu ([srieu@free.fr](mailto:srieu@free.fr)), as soon as possible and will have to cover one specific task related to the deliverable of working group 1 (see outline of WG1 hereafter – point 5.4)
- It has been stressed that the European Commission will only pay actual contributions (developments and contributions made on the working group reports). Attendance to working group meetings will not be considered as consulting actions.

#### 5 Working group 1: definition of a common cardholder identification module – NAME

- The working Group 1 has been introduced by its chairman, Claude Meggle (Cyber-Comm), and by Stéphane Ménager (Neurocom)
- Reminder: NAME stands for Network Access Module for Internet End-users

5.1 Relations between **NAME** and the **e-Europe** initiative: it has been acknowledged that the work done in the two initiative will not interfere with each other :

- TB1 deals with public identity, which is not the case for NAME
- TB2 deals with electronic signature, whereas NAME deals with authentication
- TB12 deals with Smart Card for Internet, advanced electronic signature, and has a broader scope.

NAME is therefore placed at a lower stage (use of a certificate for authentication).

It will however be possible to use the outputs from working group 1 of Smart.IS for each of these three trailblazers. Exchange of information between Smart.IS and TB 1, 2 and 12 will be an asset for each initiative.

5.2 A presentation of the NAME characteristics has been made by Claude Meggle (available on Smart.IS web site). During the discussion with the participants, focus has been placed on various issues to be worked on in the coming weeks:

- The type of authentication to be used (discussion between the participants concluded that a single authentication should suit better than a mutual authentication)
- The output of the NAME module
- The protocol between the module and the external world
- The certificate to be used
- The position of NAME as regards to WIM: what is complementary to WIM, what is feasible?
- The compatibility with the existing WAP format
- The need to look at the whole value chain to define the NAME module

5.3 Inputs from WIM and WAP specifications have been provided by NOKIA MOBILES PHONES, and commented by Claude Meggle to open the discussion. It occurred during the meeting that many elements could be used for NAME.

5.4 The format of the final report for working group 1 has been defined. This report should include :

1 Introduction

1.1 Standard Survey (objectives of the report, description of current standards used, context around WIM, business requirements, technology constraints...)

1.2 PKI background

1.3 Survey on BtoB authentication based on PKI and smart cards

2 Functional description of NAME

2.1 Synopsis

2.2 Overview on generation, authentication process, revocation...

3 General specifications

3.1 Certificate format

3.2 One way authentication API

3.3 Authentication verification on the server side

3.4 Options (mutual authentication, URL in the certificate...)

4 Recommendations for implementation

- This plan will be developed by Claude Meggle and Stéphane Ménager, and posted on the web site to open the discussion and stimulate contributions. Each participating company is asked to contribute to the issues of its choice, and make an estimate of the budget and a commitment for the following planning:

- Deadlines for the submission of working group 1 report are as follows :

- Interim report:	end of February
- First draft:	end of March
- Final report:	end of April
- ETSI Presentation	early June
- Publication	end of June

6 Working group 2: common requirements for banking and telecom applications of NAME

- Working Group 2 of Smart.IS AM has been launched with the participants attending the meeting.

- Working group 2 was proposed to be leaded by France Telecom or Telecom Italia and by a financial operator at the last meeting. Cyber-Comm has accepted to be the only convenor in order to facilitate the organisation and co-ordination (David Stephenson will be helped by telecom and financial operators.

- Participants of working group 2 will be more marketing-oriented experts from participating companies.
- Inputs which will be needed from participants include :
  - What are the requirements, in terms of authentication, for banking applications
  - What are the requirements, in terms of authentication, for telecom applications
  - Opportunities for a convergence model
- David Stephenson (Cyber-Comm), will propose a frame to be used as a basis for discussion, and which will be posted on the web site and has been discussed on the following basis (to be confirmed):
  - Survey on standards and industry requirements on authentication module for Internet access
  - Banking sector requirements
  - Telecom sector requirements
  - Common business requirements
- Final report for WG2 should be finished by end of August

## 7 Next steps and contributions from participants

### I. Next meetings :

	<b>Date</b>	<b>Place</b>
<b>WG1 &amp; WG2</b>	2 March	Brussels EUROSMART
<b>WG1, WG2, WG3</b>	24 & 25 April	Brussels EUROSMART
<b>Steering Committee</b>	24 & 25 April	Brussels EUROSMART

### II. Contributions required from participants :

#### ➤ Working group 1 :

- Claude Meggle and Stéphane Ménager will develop the plan of WG1 final report.
- Cyber-Comm will provide contribution to the introduction of the report.
- CSELT will send to PHILIPS SEMICONDUCTOR and to David Ankri a synthesis, with recommendations, on the discussion on the feasibility to adapt the WIM model.

- Philips, Neurocom, Thales and CSELT will provide contributions to the standard survey (part 1.1 of the report).
- Neurocom and CSELT will provide contributions to the PKI background on authentication functions (part 1.2 of the report).
- Cyber-Comm will provide contributions to the Smart Card & PKI survey (part 1.3 of the report).
- Sermepa, Visa and CSELT will provide contributions on EMV and smart cards, on B to B and smart cards.
- Telecom Italia, Cyber-Comm and Ernst & Young will send contributions on PKI system CRL and PKI X509 (certificate format).
- Telecom Italia, France Telecom and Nokia will tell the working group if the mobile can be considered as a secure reader, and send suggestions on what can be done to solve the existing problems.
- Visa, smart card manufacturers and Axiome will provide contributions on smart card interoperability / open platforms.