3GPP TSG-T (Terminals) Meeting #23
Phoenix, USA
10 - 12 March, 2004

TP-040017

3GPP TSG-T3 Meeting #30
Sophia Antipolis, France, 9-13 February 2004.

Tdoc T3-040146

Title:	Proposal to establish a liaison with the WSCC
Source:	3GPP TSG T WG3
To:	3GPP TSG T
Cc:	

Contact Person:
    Name: François Ennesser
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    E-mail Address: FEnnesser@axalto.com

Attachments: T3-040126, T3-030616

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1. Overall Description:

The WLAN Smart Card Consortium contacted the T3 chairman through the attached letter (T3-040126) proposing to establish closer cooperation with our technical body. Since the activities of the WSC Consortium (presented in attached document T3-030616) encompass WLAN interworking with existing infrastructures, which is the object of an open work item within 3GPP T3, T3 suggest that TSG T contact the 3GPP Project Coordination Group in order to establish an adequate liaison between 3GPP and the WSCC.

2. Actions:

To TSG T group

ACTION: T3 recommend T to contact the PCG in order to establish an official liaison between 3GPP and the WLAN Smart Card Consortium.

3. Date of Next TSG-T WG3 Meetings:

TSG-T3 Meeting #31	27th – 30th April 2004	Berlin, Germany.
TSG-T3 Meeting #32	10th – 13th August 2004	TBD.

Source : Gemplus

Presentation of the WLAN Smart Card Consortium

Note : all material here come from http://wlansmartcard.org

Towards a WLAN Smart Card Consortium to specify secure wireless LAN mobility management

The WLAN Smart Card Consortium is a major new initiative to define specifications for world-wide access to wireless LAN networks with smart card security and related capabilities.

One major challenge that has hampered Wireless Internet growth to date is secure mobility management. This challenge can be resolved using smart card properties. Indeed, smart cards can provide functions for world-wide wireless security, quality of service, roaming, and related services.

To reach this goal, the WLAN Smart Card Consortium endorses existing standards and defines new specifications where needed to provide world-wide access to wireless LAN networks with smart card security, privacy, roaming, convenience, and related capabilities.

Twenty-three companies and organizations have joined the consortium as members, including major infrastructure providers, card and chip manufacturers, start-ups, and academic institutions.

See the Press Release about the consortium, and the Charter of the consortium.

The WLAN Smart Card consortium is open to new members.

The fourth WLAN Smart Card Consortium Plenary Meeting will be held September 23-25 2003 in Paris, France. It will be hosted by Ucopia (meeting registration).

Fifth meeting: December 3-5 2003 in Paris (Oberthur Card Systems)
Sixth meeting: March 1-3 2004 in Marseilles (Gemplus)

WLANSmartCard.org

WLAN Smart Card Consortium Charter

The major motivation and benefit from wireless LAN networks is increased mobility. Unlike conventional network connections, network users can move about almost without restriction and access wireless LAN networks from nearly anywhere. Examples of the practical uses for wireless network access are limited only by the imagination of the application designer.

Wi-Fi hotspots enable handheld and laptop users to connect to the Internet from public places such as airports, cafes and public libraries, or within private enclaves such as corporations. Wi-Fi hotspots will grow rapidly, with current projections anticipating several hundred million connections over the next several years.

One major challenge that has hampered wireless Internet growth to date is secure mobility management. This challenge can be resolved using smart card properties. Indeed, smart cards can provide functions for worldwide WLAN security, quality of service, roaming, and related services.

To reach this goal, the *WLAN Smart Card Consortium* will endorse existing standards and define new specifications where needed to provide world-wide access to wireless LAN networks with smart card security, privacy, roaming, convenience, and related capabilities.

Purpose

Mission: *Promote WLAN smart card related specifications for wireless LAN mobility management.*

Goal: Endorse existing standards and define new specifications where needed to provide world-wide access to wireless LAN networks with smart cards security, privacy, roaming, convenience, and related capabilities.

Scope: WLAN smart card specifications, and related device and server specifications, at or above the session layer

Standards: The consortium endorses WLAN smart card related standards (and participates to their elaboration) of WLAN organizations (e.g. IEEE), Internet organizations (e.g. IETF), and vertical organizations (e.g. ETSI).

Promotion: The consortium seeks working relationships with Wi-Fi promotional bodies (e.g. Wi-Fi Alliance).

Specifications: The consortium develops specifications of its own only when there is no existing standard body covering the domain addressed (e.g. EAP Card interface).

WLAN Smart Card Consortium releases specification to make WLAN/hot spots as easy to use and secure as GSM; WLAN-SIM V0.1 specification addresses real world problems regarding enterprise level security and user convenience.

WASHINGTON DC -- July 16, 2003 -- WLAN Smart Card Consortium releases comprehensive smart card specification to allow hot spot operators to extend SIM technology for WLAN authentication. Building on GSM experience allows mobile operators to utilize existing roaming, billing, and back office infrastructure.

This specification presents a smart card interface that provides interoperability between smart card and device manufacturers and includes industry standard EAP-based security technologies to allow mobile operators to reuse existing deployments while providing a richer user experience. It is the first step towards defining industry specifications for complete WLAN smart card solutions for all market segments, including enterprise, public, and home networks.

Strong smart card based authentication provides enterprise class WLAN security giving confidence to corporate users in public hot spot environments. This specification utilizes industry-endorsed standards for authentication - 802.1x and EAP. A smart card based architecture paves the way for the WLAN user experience to be as seamless as GSM. This is facilitated by the same SIM technology that is in your phone today coupled with auto-configuration extensions that hide the complexity of WLAN connections, a common headache for users today.

The purpose of this specification is interoperability between smart card providers. This is a key element for operators to provide roaming between hot spot providers. " Because the specification is SIM-based it allows operators to apply an accepted authentication model to a new market" , says Bertrand du Castel, pro-tempore President of WLAN Smart Card Consortium.

The draft specification WLAN-SIM V0.1 is available for comments at http://WLANSmartCard.org. The next WLAN Smart Card Consortium meeting is September 23-25 in Paris, France.

About WLAN Smart Card Consortium

The mission of the WLAN Smart Card Consortium is to define and promote smart card related specifications for WLAN across all market segments, including enterprise, public WLAN and home networks. Members include: ActivCard, Alcatel, Aspects Software Ltd, Atmel, BlueWave IP, Dai Nippon Printing, ENST, Gemplus, Giesecke & Devrient, Infineon Technologies AG, Jurgensen & Corcoran Consulting, Koolspan, Oberthur Card Systems, Raak Technologies, Schlumberger, SCM Microsystems, Texas Instruments, Transat Technologies, Trusted Logic, Ucopia, VeriSign, and Visa.

3GPP TSG-T3 Meeting #30   *Tdoc ⌘T3-040126*
Sophia Antipolis, FRANCE, 9.- 13. February 2004

Mr. Nigel Barnes [T3 Chair]
Dr. Klaus Vedder [SCP Chair]

Dear Mr. Barnes, Dear Dr Vedder,

The mission of the WLAN Smart Card Consortium is to define and promote smart card related specifications for WLAN across all market segments, including enterprise, public WLAN and home networks.

The WLAN Smart Card Consortium has taken under its umbrella the IETF draft "EAP Support in Smartcard". As contributors of this draft are members, the Consortium provides a wide-ranging forum for its development together with other contributors. Our goal is to support the establishment of this draft as an RFC. We believe that this will promote wide deployment of interoperable WLAN technologies in 3G framework.

The WLAN Smart Card Consortium believes that advantages of smart card technology for WLAN roaming, security, billing, and reuse of back office infrastructures, must extend to existing 2G Networks. Therefore, the WLAN Smart Card Consortium has issued WLAN-SIM V 1.0 smart card specification. WLAN-SIM is an interoperable smart card specification supporting EAP SIM IETF draft. It will fully allow hot spot operators to apply SIM technology for WLAN authentication by adding required WLAN security features to the SIM.

The Consortium is also aware of the work undertaken by ETSI EP SCP on supporting EAP in the UICC platform and the activities in 3GPP T3 for supporting WLAN with the USIM. There is a common understanding in the Consortium that these activities will provide the natural migration path for WLAN access from current WLAN-SIM specifications.

In your positions of Chairman of ETSI Project SCP and Chairman of the 3GPP T3 committee, the WLAN Smart Card Consortium is interested in establishing an adequate liaison to develop and promote secured WLAN access techniques.

On behalf of the Consortium, I thank you for your consideration and look forward to a fruitful cooperation in the future.

Sincerely,

Bertrand du Castel
President Pro Tempore
WLAN Smart Card Consortium

http://WLANSmartCard.org