Technical Specification Group Services and System Aspects   **TSGS#21(03)0463**
Meeting #21, Frankfurt, Germany, 22-25 September 2003

Source: **SA1**

Title: **Assorted CRs to 22.934 on Wireless LAN (Rel-6)**

Document for: **Approval**

Agenda Item: **7.1.3**

Meeting	SA Doc	TS No.	CR No	Rev	Rel	Cat	Subject	Vers. Current	Vers New	SA1 Doc
SP-21	SP-030463	22.934	003	-	Rel-6	C	Deletion of Software SIM concept	6.1.0	6.2.0	S1-030716
SP-21	SP-030463	22.934	004	-	Rel-6	C	Service Capability Interworking	6.1.0	6.2.0	S1-030761

CR-Form-v7

CHANGE REQUEST

| ⌘ | **22.934** CR **003** | ⌘**rev** | **-** | ⌘ | Current version: | **6.1.0** | ⌘ |

*For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.*

Proposed change affects: UICC apps⌘ **X**   ME **X** Radio Access Network ☐   Core Network ☐

Title: ⌘	Deletion of Software SIM concept	
Source: ⌘	Gemplus, Schlumberger	
Work item code: ⌘	WLAN	***Date:*** ⌘ 15/05/2003
Category: ⌘ **C**		***Release:*** ⌘ Rel-6

Use one of the following categories:	*Use one of the following releases:*
F *(correction)*	2 *(GSM Phase 2)*
A *(corresponds to a correction in an earlier release)*	R96 *(Release 1996)*
B *(addition of feature),*	R97 *(Release 1997)*
C *(functional modification of feature)*	R98 *(Release 1998)*
D *(editorial modification)*	R99 *(Release 1999)*
Detailed explanations of the above categories can be found in 3GPP TR 21.900.	Rel-4 *(Release 4)*
	Rel-5 *(Release 5)*
	Rel-6 *(Release 6)*

Reason for change: ⌘	A decision taken in the meeting SA1 #21 Seoul is not reflected in the specs. There was a discussion on the possiblity of authentication without the use of SIM/USIM. As no contributions on this issue have been received before the deadline fixed during the SA1 #18 meeting in Pusan, the meeting took the decission that this requirment is only for scenario 1 and out of scope of 3GPP.
Summary of change: ⌘	Deletion of the bullet point on Software SIM in section 6.3.5.2
Consequences if not approved: ⌘	The TR does not reflect the general agreement in SA1 on authentication for WLAN

Clauses affected: ⌘	section 6.3.5.2	

	Y	N		
Other specs affected: ⌘		X	Other core specifications	⌘
		X	Test specifications	
		X	O&M Specifications	

Other comments: ⌘	

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at http://www.3gpp.org/specs/CR.htm. Below is a brief summary:

1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.

2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under ftp://ftp.3gpp.org/specs/ For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

## 6.3.5.2	Accessing UICC data

One objective is to minimize complexity of administration for authentication and billing. ~~One~~ The approach to this is to use the UICC.

Several options have been identified, which may require further study, including:

-	Dedicated UICC card reader within the WLAN card

-	External UICC Card reader

-	By WLAN device communicating with UICC (e.g. via Bluetooth or IrDA port)

-	~~Storing UICC Data securely in software on the device (implementing a "Virtual SIM"). In this case the solution would have to meet the objective "Strong security for UICC data". Extra security could be provided by segmenting IMSI ranges to restrict the service such devices could access.~~

Each of these should be considered in conjunction with the section on Security objectives section 6.3.3.

CR-Form-v7

CHANGE REQUEST

| ⌘ | **22.934** CR **004** | ⌘ **rev** | **-** | ⌘ | Current version: | **6.1.0** | ⌘ |

*For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.*

Proposed change affects: UICC apps⌘ ☐   ME ☐ Radio Access Network ☐   Core Network **X**

Title:	⌘	Service Capability Interworking
Source:	⌘	Lucent Technologies
Work item code:	⌘ WLAN	**Date:** ⌘ 07/04/2003

Category:	⌘ **C**		**Release:** ⌘ Rel-6

Use <u>one</u> of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
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Use <u>one</u> of the following releases:
2   (GSM Phase 2)
R96   (Release 1996)
R97   (Release 1997)
R98   (Release 1998)
R99   (Release 1999)
Rel-4   (Release 4)
Rel-5   (Release 5)
Rel-6   (Release 6)

Reason for change:	⌘	The TR contains a list of 3GPP services that need to be interworked to. Many of the service capabilities have no identified use case, which indicates that there is no need to provide interworking to from a WLAN. Removal of these service capabilities from the list will provide a clear indication of what service capabilities require interworking to be defined.
Summary of change:	⌘	Removal of service capabilities with no identified use case from table 4
Consequences if not approved:	⌘	Open issues may remain, delaying completion of the specification work in other groups with no operator/vendor desire to resolve.

Clauses affected:	⌘	Clause 5.3 Service Capability Interworking

		Y	N		
Other specs affected:	⌘		X	Other core specifications	⌘
			X	Test specifications	
			X	O&M Specifications	

Other comments:	⌘	Contributions invited to provide use cases for those service capabilities removed if the services are required to be in the TR

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5.3 Service capability interworking

The following table provides the use cases for scenarios 3 to 6 with specific service capabilities [5, 6, 7, 8, 11, 13, 14. 15, 16, 17, 18, 19, 20, 21, 22].

Table 4 : Use Cases

Service capability	Use case	Service domain
SMS	A user should be able to send and receive SMS messages between themselves and terminals in the 3GPP system. The content, size restrictions, and notifications should be equivalent.	PS+CS
MMS	User connected via WLAN, should be able to send and receive MMS messages. The user interaction with the client application is the same as when they are connected via the 3GPP system.	PS
Presence	The user's presentity should be able to interact with the Presence server. The user may want to set different access rules if they are connected via the WLAN. (Note : this is currently not supported by the presence service)	PS
IMS	The user should be able to access all IMS based services (e.g. IMS messaging and Group Management). The QoS provided by the WLAN may affect the services available	PS
LCS	The user should be able to use applications that make use of Location information, without the need to enter the location into the application manually. .	PS+CS
Cell Broadcast	No use case is identified as the service is a radio access network service.	
MBMS	MBMS is a bearer service used by 3rd party or operator provided applications. These applications should be available to the user in the WLAN.	PS
MexE	MexE provides an access independent standardised API which should work when the user is connected through WLAN.	PS+CS
CS Supplementary Services	No use case has been identified. Equivalents are available via IMS.	CS
OSS/CAMEL	For further study.	CS+ PS
OSA	An OSA application should be able to interact with a UE connecting via WLAN.	CS+PS
UE Management (UEM)	It should be possible for an operator to be able to provide a similar level of customer support regardless of how the user is connected to their services.	
Push services	(NOTE)	
SES	(NOTE)	
GUP	(NOTE)	
DRM	(NOTE)	
GTT	(NOTE)	
PS Streaming	(NOTE)	
NOTE : Detailed use cases to be provided as needed		