Title:	LS on 3GPP System to WLAN Inter working architecture (TR 23.934)
Response to:	LS Tdoc S2-022022 (S3-020354) on 3GPP System to WLAN Inter working from SA2
Release:	6
Work Item:	3GPP System to WLAN Inter working
Source:	SA3
To:	SA2
Cc:	

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Attachments: WLAN Interworking Security WID

Draft TR Wireless Local Area Network (WLAN) Interworking Security

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1. Overall Description:

SA3 would like to thank SA2 for the opportunity to review the early work on the 3GPP System to WLAN Inter working architecture TR 23.934 V 0.3.0.

SA3 now have a Work Item on WLAN interworking and will be considering the security aspects in more detail at the next meeting. SA3 will take the responsibility for the specification of the security aspects of WLAN interworking.

However, TR 23.934 V 0.3.0 was briefly reviewed at the SA3#24 meeting in Helsinki, and SA3 would like to make the following comments:

1. Which of the scenarios, as defined in the SA1 Feasibility study, does the TR apply to, and what are timescales for the completion of the architecture work for the other scenarios. ?

2. SA3 believe that an important requirement will be to state that the level of security protection shall be equivalent to that specified for UTRAN

3. Are the AP and Access Server implemented in the same node?   If these can be separated, what is the protocol used between them?

4. The authentication methods described seem to rule out the use of an application layer user authentication mechanism, using the 2G/3G Network, such as SMS of credentials to the user - is this intentional ?

5. Is it intended that the solution can be used across Bluetooth and Hiperlan bearers?

6. Care is needed with the use of the term UE e.g. the UE (potentially equipped with UICC card) in section 6.1.1.3 as it is SA3 understanding that the definition of UE includes the UICC.

7. SA3 will use the material in the TR as the basis for their TS on Wireless Local Area Network (WLAN) Interworking Security and a draft is attached together with a copy of the WID for the SA3 security work.

   NOTE: The attachment is in the form of a TR, but it will be converted to a Draft TS soon. The full content of the draft has not been approved by SA3.

2. Actions:

To SA2 group.

ACTION: SA3 asks the SA2 group to comment on the above issues.

3. Date of Next 3GPP TSG SA WG3 Security Meetings:

Meeting	Date	Location	Host
S3#25	8 - 11 October 2002	Munich, Germany	Siemens
S3#26	19 - 22 November 2002	ETSI TBA	ETSI