

Technical Specification Group Services and System Aspects **TSGS#15(02)0143**
Meeting #15, Jeju-do, Korea, 5-14 March 2002

Title: Proposed WID for WLAN Interworking – Architecture Definition
Source: SA2
Agenda item: 7.2.3
For: Approval

The current study work within SA1, initially described in SP-010588 and updated in S1-020636, covers requirements aspects of WLAN-3GPP system Interworking. As a continuation of the work started in S1 this document proposes a new WI study which focus on the architectural considerations.

Work Item Description

Title

WLAN Interworking – Architecture Definition

1 3GPP Work Area

X	Radio Access
X	Core Network
X	Services

2 Linked work items

3GPP system - WLAN Interworking

3 Justification

The current study work within SA1, described in 3GPP system - WLAN Interworking WID, covers requirements aspects of WLAN-3GPP system Interworking. This WI will complement this study with architectural considerations.

4 Objectives

The purpose of this work is to study a generic interworking functionality between 3GPP system and WLAN systems (e.g. IEEE 802.11 family, HIPERLAN/2, MMAC HISWAN). In specific it aims at identifying and analysing potential Interworking architectures.

5 Service aspects

See parent Work Item.

6 MMI aspects

See parent Work Item.

7 Charging Aspects

See parent Work Item.

8 Security Aspects

See parent Work Item.

9 Impacts

Affects:	USIM	ME	AN	CN	Others
Yes				X	
No					
Don't know	X	X	X		X

10 Expected Output and Time scale (to be updated at each plenary)

New specifications						
Spec No.	Title	Prime rsp. WG	2ndary rsp. WG(s)	Presented for information at plenary#	Approved at plenary#	Comments
TR 23.xxx.	3GPP system to Wireless Local Area Network (WLAN) interworking – Architecture aspects	SA2		SA#17	SA#18	TR
Affected existing specifications						
-						

11 Work item rapporteurs

Frederic Paint, Telenor

12 Work item leadership

SA2

13 Supporting Companies

Telenor, Telia, Ericsson, Motorola, Vodafone, Lucent, Telefonica, Fujitsu, Nokia, Siemens

14 Classification of the WI (if known)

The work item is a feasibility study.

The parent work item is 3GPP system - WLAN Interworking