

**Source:** TSG SA WG2  
**Title:** WI on S2's involvement on the Presence Service Architecture  
**Agenda Item:** 7.2.3

### **Work Item Description**

#### **Title**

Support of the Presence Service Architecture

#### **1 3GPP Work Area**

	Radio Access
X	Core Network
X	Services

#### **2 Linked work items**

*Support of the Presence Capability (22.141)*  
*Multimedia Messaging Service (22.140)*

#### **3 Justification**

The concept of presence, whereby users make themselves "visible" or not "visible" to other parties of their choice, allowing services such as group and private "chats" to take place. Presence is an attribute related to mobility information, and provides a different capability to be exploited by other services. The concept of presence, once supported, will enable other multimedia services to exploit this key enabler to support other advanced multimedia services and communications.

Examples of multimedia services that could potentially exploit the presence capability include "chat", e-mail, multimedia messaging, instant messaging etc.

#### **4 Objective**

The objectives of this work item:-

- To define and develop the support of the concept of presence service to facilitate multimedia services in a wireless network

#### **5 Service Aspects**

*Presence service shall support the gathering and distribution of the current presence and availability information of subscribers.*

#### **6 MMI-Aspects**

*Services exploiting the presence service, will enable monitoring status information of other users, and enable setting the visibility of users.*

#### **7 Charging Aspects**

The ability to charge for access to, and use of, presence information shall be supported.

**8 Security Aspects**

Any presence solution must provide a secure procedure to gain access to, and use, presence information.

**9 Impacts**

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

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

The results of this Work Item shall be provided in a Technical Standard or CRs to existing Technical Standards.

The following Work Plan is proposed.

New specifications						
Spec No.	Title	Prime rsp. WG	2ndary rsp. WG(s)	Presented for information at plenary#	Approved at plenary#	Comments
Affected existing specifications						
Spec No.	CR	Subject		Approved at plenary#	Comments	
23.002		Network Architecture		TSG-SA#15	FFS	
23.221		Architectural Requirements		TSG-SA#15	FFS	
23.228		IP Multimedia Subsystem Stage 2		TSG-SA#15		

**11 Work item rapporteurs**

Openwave

**12 Work item leadership**

S2

**13 Supporting Companies**

Comverse, AWS, Openwave Systems, Tekelec, Telefonica Movilis, Nortel Networks, Motorola, Siemens, Fujitsu, Lucent Technologies, Nokia, BT, Ericsson, Hotsip, SK Telecom.

**14 Classification of the WI (if known)**

	Feature (go to 14a)
	Building Block (go to 14b)
	Work Task (go to 14c)

14a The WI is a Feature: List of building blocks under this feature

(list of Work Items identified as building blocks)

14b The WI is a Building Block: parent Feature

(one Work Item identified as a feature)

14c The WI is a Work Task: parent Building Block

(one Work Item identified as a building block)