

Source: SA1 Chairman
Title: Work Item for UE Functionality Split
Document for: Approval
Agenda Item: SA1

The attached proposed Work Item is based on discussions held at the recent joint SA1/T2 meeting on UE Functionality Split. It has been made available to members of SA1 via email but there was insufficient time for SA1 to formally agree it prior to this SA plenary.

Work Item Description

Title

UE Functionality Split

1 **3GPP Work Area**

X	Radio Access
X	Core Network
X	Services

2 **Linked work items**

Terminal Local Model (T2)

3 **Justification**

The future environment will be characterised by features such as multimedia services and the convergence of 3GPP systems and the Internet. In this environment the total User Equipment used to access 3GPP services may be implemented over a number of physical devices. For example the User Equipment may include a PC or PDA with appropriate client software as well as a separate module containing radio protocols and other elements. These cases are referred to under the term “UE Functionality Split” or just “UE Split”.

In order to enable appropriate environments in a secure way it is necessary to define the scope of our discussion and further, to develop definitions of cases which are allowed and the security (and security constraints) are understood.

If we do not undertake this work, we will risk that equipment is put on the market in a fragmented way, without any ability by the operators to ensure that the overall system remains secure.

4 **Objective**

In the first instance, the objective of this work is to produce a report in SA1 with comments from other groups. The work may result in the development of additional documents, reports or specifications.

5 **Service Aspects**

Service Aspects need to be included in this work.

6 **MMI-Aspects**

MMI Aspects need to be included in this work

7 **Charging Aspects**

Charging should be unaffected by UE functionality split

8 **Security Aspects**

Security Aspects are of high importance in this work.

9 **Impacts**

Affects:	USIM	ME	AN	CN	Others
Yes		X			
No			X	X	X
Don't know	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
xx.yy	Report on UE Functionality Split	SA1	T2, SA3	TSG#14	TSG#15	
Affected existing specifications						
Spec No.	CR	Subject		Approved at plenary#	Comments	
23.227		Applications and User Interaction in the UE		TSG#15	Impact will not be clear until the report is substantially developed	

11 Work item rapporteurs

Sanjay Gupta, Motorola

12 Work item leadership

SA1

13 Supporting Companies

Motorola, Nortel Networks, BT, Ericsson, Nokia, Sierra Wireless, Sony, IBM

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)