

Work Item Description

Title

Terminal Local Model Rel-5

1 3GPP Work Area

	Radio Access
	Core Network
X	Services

2 Linked work items

ME_xE, USAT, SAT, USIM, SIM (T3 specific issues), Data Synchronisation, UE Management. Testing aspects (T1-specific) shall be considered.

3 Justification

The present rapid development of a diversity of new applications and application environments for mobile usage creates a complexity of previously unseen proportions that the Mobile Equipment has to handle. We are allowing third party software to run in various parts of the UE and we need a general framework to ensure that the APIs we create for the different UE-based toolkits work in harmony with each other.

It should be investigated, how the testing of the correct interworking of the various application can be supported. The goal is to minimise the potential risk of unwanted interference between the application and the operating system (OS) and/or protocol stack.

4 Objective

This work item will introduce a generic model approach for the ME environment; the purpose is *not* to categorise the applications / peripherals, but to try to structure the events that are external to, and has to be handled by, the ME Core Functions. This means that the structure or grouping of the events should be made from an *ME centric* perspective. The applications may be executed in the ME, in the peripherals, and/or in the UICC. Some applications that run on the UE side have counterparts in the network. This work item does not address the functions in the network. In addition, aspects of UE Functionality Split should be accommodated. Monitoring of the testing of the application platform should be investigated, as should the performance required.

5 Service Aspects

Service aspects will need to be in line with Service specifications from SI.

6 MMI-Aspects

MMI will need to be considered in terms of its interaction with ongoing resource allocations to other applications (e.g., data call set up by MExE can be cancelled by MMI)

Testing aspects regarding MMI shall be taken into account.

7 Charging Aspects

None

8 Security Aspects

Security aspects of terminal local model will need to be analysed.

9 Impacts

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

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

New specifications						
Spec No.	Title	Prime resp. WG	2ndary resp. WG(s)	Presented for information at plenary#	Approved at plenary#	Comments
Affected existing specifications						
Spec No.	CR	Subject		Approved at plenary#	Comments	
23.227				TSG#15		

11 Work item rapporteurs

Olga Tomé, Ericsson

12 Work item leadership

T2

13 Supporting Companies

Ericsson, Motorola, Sierra Wireless, Siemens, Nokia, Mannesmann Mobilfunk, Vodafone, BT, Cetecom, Materna

14 Classification of the WI (if known)

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

14b The WI is a Building Block: Parent Feature: Terminal Interfaces