

Work Item Description

Title MExE Release 2000

Evolving from the established MExE Release 1998 and Release 1999 specifications, the MExE Release 2000 work extends and develops the UE-based support of the client/server model to cover areas such as support of a new small footprint Java classmark, interaction and co-operation with SDR capabilities and definition of user profile support.

1 3GPP Work Area

	Radio Access
	Core Network
X	Services

2 Linked work items

*Virtual Home Environment
SIM Application Toolkit
OSA*

3 Justification

MExE is based on the concept of identifying external standards suitable for supporting services from an UE, and bringing them into the 3GPP scope by direct reference. Recent developments in the support of a new small-footprint Java platform, and co-operation with the SDR Forum requires extension of the existing MExE specifications to update and incorporate these latest developments. Further detailed work is also required to define the support of the user profile and other areas.

4 Objective

MExE Release 2000 targets the following areas:-

- Third MExE classmark (using the Sun CLDC and MIDP specifications)
- Enhanced security
- Support of terminal parts of the VHE / User Profile
- Investigate and identify support for IP multimedia services
- Investigate and identify secure download mechanisms and capabilities to support SDR concepts
- Investigate and identify support of AT commands
- Investigate and identify support of MP3/MPEG4 content
- Investigate and identify support of SIM toolkit / OSA / CAMEL interaction to provided advanced services

5 Service Aspects

MExE supports services via MExE executables in the UE

6 MMI-Aspects

MExE supports MMI enhancements via applications and browsers in line with the principles of VHE

7 Charging Aspects

MExE enables MExE executables to potentially support charging for services. MExE will liase with TSG-S5 for charging-related issues.

8 Security Aspects

MExE will liase with TSG-S3 to ensure support for any security-related changes and improvements which may be identified.

9 Impacts

Affects:	USIM	ME	AN	CN	Others
Yes	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 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	
22.057			SA#9 (Sept 2000)			
23.057			T#10 (Dec 2000)			

11 Work item rapporteurs

Mark Cataldo (Motorola Limited)

12 Work item leadership

TSG-T2

13 Supporting Companies

Motorola, BT, Siemens, NTT DoCoMo, Bosch Telecom Denmark, Ericsson, NEC Technologies (UK) Ltd, Vodafone UK, Telia, Nokia, Philips, Mitsubishi, Alcatel

14 Classification of the WI (if known)

X	Feature
	Building Block
	Work Task