3GPP TSG SA WG3 Security — S3#26 **S3-020607**
19- 22 November 2002
Oxford, UK

3GPP TSG-T3 Meeting #25 **Tdoc T3-020890**
Maastricht, Netherlands 5-8 November, 2002

Title: LS on User Equipment Management
Response to: LS (S5-022318) on Rel-6 WID for User Equipment Management from SA5 SWGA

Source: T3
To: SA5 SWGA
Cc: T2, SA3

Contact Person:
Name: David K. Smith
Tel. Number: +1 425 580 4586
E-mail Address: david.k.smith@attws.com

Attachments: T3-020914 [Draft WID on User Equipment Management]

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1. Overall Description:

T3 thank SA5 for their LS in document S5-022318 (T3 document number T3-020817). In that LS, SA5 suggest that the last paragraph in clause 4 of T3's draft WID on User Equipment Management, which refers to possible security impacts, be moved to clause 8. T3 concur with this suggestion and have made the recommended change. The new version of this document, which was agreed by the T3 plenary, is attached as document number T3-020914.

SA5 have also indicated that they would welcome any comments on their document S5-022320 [UEM_TS_32150_Outline], which was attached to SA5's LS. T3 have reviewed this document and it seems to be complete. We do note, however, that since TR 32.802 defines User Equipment as containing both the USIM and Mobile Equipment domains, it may be redundant to have separate User Equipment and USIM requirements sections (clauses 5.6 and 5.8 in the outline). T3 suggest either renaming clause 5.6 to be 'Mobile Equipment Requirements' or putting the USIM requirements as a sub-clause to the UE requirements.

2. Actions:

To SA5.

ACTION: T3 asks SA5 to consider the above suggestion when drafting TS 32.150.

3. Date of Next TSG-T3 Meetings:

TSG-T3 Meeting #26 11th – 14th February 2003 Lisbon, Portugal

TSG-T3 Meeting #27 20th – 23rd May 2003 Japan (TBD)

3GPP TSG-T3 **T3-020891**
Meeting #25, Maastricht, Netherlands, 5-8 November 2002

Source: **T3**

Title: **Revised Draft Work Item Description:**
Release 6 User Equipment Management: USIM Aspects
WI Type: Work Task

Document for: **Agreement**

Agenda Item: **7.3**

This work item description is based on the draft SA5 UEM Building Block work item description.

Work Item Description

Title: User Equipment Management (UEM): UICC resident 3GPP applications Aspects

User Equipment Management (UEM) is a capability that will allow the Operator, Service Provider and/or User Equipment Manufacturer/User Equipment Supplier to remotely manage User Equipment.

1 3GPP Work Area

	Radio Access
	Core Network
X	Services
X	Terminals

2 Linked work items

- UEM Building Block (SA5)
- UEM Security Aspects (SA3)

3 Justification

The UEM feature allows User Equipment (UE) to be remotely managed. The Release 5 UEM feasibility study (TR 32.802) defines the UE as consisting of the Mobile Equipment (ME) and the USIM, and the scope of UEM to include both the ME and USIM domains. The UEM feasibility study identified a number of USIM functions that should be addressed in the standards. This work task is intended to address those USIM functions and any others that are identified during the course of the work, including those that might be identified in the linked work items.

4 Objective

Three key UEM capabilities are identified in TR 32.802 for potential standardization in the Release 6 timeframe:

1) UE Configuration Query capability that allows UE configuration information to be remotely requested and retrieved;

Against this capability TR 32.802 identified the following UE/USIM considerations:

"Some sort of client is required on the User Equipment."

"There needs to be a way of receiving the command on the UE."

"It would be useful if the names/parameters and data structures are standardised."

2) UE Reconfiguration capability that allows configuration changes to be made to the UE remotely;

Against this capability TR 32.802 identified the following UE/USIM considerations:

> "There needs to be a way of receiving the command on the UE."
>
> "It would be useful if the names/parameters and data structures are standardised."

3) Remote UE Diagnostics capability to run diagnostic applications on the UE to aid fault resolution.

Against this capability TR 32.802 identified the following UE/USIM considerations:

> "It should be possible to execute diagnostic applications on the UE. If necessary, it should also be possible to download diagnostic applications to the UE and to delete the executables on completion. It would be useful if the names/parameters and data structures are standardised."

It will be investigated whether the name, parameter, and data structure standards contained in the Generic User Profile / Data Description Framework specifications (22.240, 23.240, and 23.241) may be re-used for UEM.

5 Service Aspects

None.

6 MMI-Aspects

None.

7 Charging Aspects

None.

8 Security Aspects

T3 anticipate that security aspects of UEM, as investigated by SA3 in their UEM work item, may produce some requirements on the USIM. T3 will work with SA3, as well as with the lead groups, SA5 and T2, to ensure successful completion of the UEM building block work.

9 Impacts

Affects:	UICC Apps	ME	AN	CN	Others
Yes	X	X			
No			X		
Don't know				X	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**
TS 31.102		Characteristics of the USIM application		
TS 31.103		Characteristics of the ISIM application		
TS 31.116		Remote APDU Structure for USIM Toolkit Applications		

11 **Work item rapporteur**

David Smith – AT&T Wireless Services

12 **Work item leadership**

T3

13 **Supporting Companies**

AT&T Wireless Services, Orange, Motorola, Gemplus, Schlumberger

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

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

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

Release 6 UEM Building Block (SA5)