

Title: LS on the addition of MMS support by the USIM Application Toolkit

Response to:

Release: Rel-6

Work Item:

Source: TSG-T

To: SA1, SA2, T2

Cc: T3

Contact Person:

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Attachments: WID: MMS used as a bearer for USIM Application Toolkit (TP-030131.doc)

1. Overall Description:

Use cases to add proactive USIM Toolkit capabilities to manage Multimedia Messages (MMs), for instance to send and receive MMs by USIM toolkit applications, were studied by TSG SA1 and resulting CRs were agreed by TSG SA1 (see LS in S1-030544).

TSG SA1 added the necessary requirements to TS 22.038, "USIM/SIM Application Toolkit (USAT/SAT); Service description, Stage 1 and requested TSG T3 to take the new requirements into account.

As a consequence 3GPP-T3 agreed on the attached Work Item Description (TP-030131.doc).

When presenting the Work Item Description (WID) for approval during the TSG T#20 meeting, it was questioned whether the objective was to provide a higher bandwidth bearer for delivering data to and from USAT, or whether there was some other reason for needing to deliver MMS messages to and from USAT. There was concern expressed that the technical solution of using MMS messaging as a bearer for USAT would be sub-optimal and that unless there were specific reasons for using MMS then some other architectural solution for delivering data to and from USAT should be sought.

If there was some other reason for using MMS then it was requested that more information about the requirements be made available, preferably in the Stage 1.

In addition, TSG-T would like more information about the overall impact on system architecture.

TSG-T therefore concluded not to approve the Work Item at this point and instead to send this WID to SA1 SA2 and T2 for information and comment.

When TSG-T has received further comment, TSG-T will consider what further steps to take (e.g. approving a WID in this area).

2. Actions:

ACTION:

For the next T3 meeting,

- SA1 is kindly asked to comment what the purpose of this requirement is

- SA2 is kindly asked to review the overall impact on system architecture and consider alternative, more optimum bearers, solutions to provide a link to the USAT
- T2 is kindly asked to review the feasibility of using MMS for transporting data to the USAT, the original intention with MMS has been to transport information entered/created by the user

3. Date of next TSG-T Meetings:

T3#28	19-22 August 2003	Marseilles, France
T#21	17-19 Sep 2003	Germany
T#22	10-12 Dec 2003	Hawaii, US

Work Item Description

Title

MMS used as a bearer for USIM Application Toolkit

1 3GPP Work Area

	Radio Access
	Core Network
X	Services
X	Terminals

2 Linked work items

Multimedia Messaging (MMS) enhancements (ID 42009, MMS6)
Rel-6 UICC/USIM enhancements and interworking (ID 1800, USAT1)
Rel-6 USIM toolkit enhancements (ID 43004)

3 Justification

Some operators are requesting to consider MMS as a bearer to send and receive MMs for toolkit use:

- To transfer data to and from Toolkit applications
- To manage toolkit applications
- To manage UICC applications

4 Objective

In liaison with other 3GPP groups involved in MMS activities, develop change requests to the existing T3 specifications, or a new specification, as appropriate, to address the above issues.

A liaison with EP SCP will also be established because enhancements to the generic UICC platform are foreseen.

The following work areas will be considered:

- New proactive command to send MMs to the network
- New envelope command to transfer MMs from the terminal to the USIM
- Improvement of the ability to transfer large amount of data between the UICC and the terminal in a reasonable time
- Bearer independent protocol support

5 Service Aspects

Service requirements defined by SA1 will be met.

6 MMI-Aspects

None.

7 Charging Aspects

Charging aspects have to be clarified that the subscriber may not be charged inadvertently or unnecessarily

8 Security Aspects

Investigation into secure messaging mechanism.

9 Impacts

Affects:	UICC Apps	ME	AN	CN	Others
Yes	X	X			
No			X		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	
TBD	TBD			T#24	Time schedule depending on the outcome of EP SCP and T2 work	

11 Work item rapporteur

Christophe Dubois
Schlumberger
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12 Work item leadership

TSG T WG3

13 Supporting Companies

Schlumberger, T-Mobile, Giesecke & Devrient, Gemplus

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

14b The WI is a Building Block: parent Feature

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