

**Source:** T3  
**Title:** Proposed T3 work items  
**Agenda item:** 6.3  
**Document for:** Approval

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**New T3 work items at TSG-T #9**

This document contains two new work items agreed at T3 #15 for presentation to TSG-T for approval.

<b>T3 Doc</b>	<b>Title</b>	<b>Expected completion</b>
T3-000446	Work item description: "Multos API"	TSG-T #12
	Multos test specification	TSG-T #13
T3-000423	Work item description: "USAT local link"	TSG-T #10

3GPP T3 Meeting #15  
San Diego, USA, 16 - 18 August, 2000

***Tdoc T3-000446***

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## Work Item Description: (U)SIM API for MULTOS

### **1 3GPP Work Area**

	Radio Access
	Core Network
X	Services

### **2 Linked work items**

*None.*

### **3 Justification**

ETSI SMG9 produced two documents on a SIM API:

1. 02.19 (SIM API Stage 1), which defines a technology neutral, generic API.
2. 03.19 (SIM API Stage 2, JavaCard implementation) which defines how to implement a multi-application SIM on the JavaCard platform.

Both these documents were approved by SMG and control of these specifications has now been handed over to 3GPP TSG-T.

In order to enhance network operator choice based on open standards and recognising that alternative technologies may provide different characteristics or benefits, it is proposed to standardise an API based on MULTOS which would be compliant with the technology neutral stage 1 specification, GSM 02.19.

### **4 Objective**

- To take the existing draft "SIM API for MULTOS" stage 2 description as an input to the Working Group for review and modification
- To produce a "SIM API for MULTOS" specification, which would be a MULTOS equivalent of the Java specific GSM 03.19 SIM API for JavaCard.
- The specification produced shall comply with 02.19
- To submit the document for approval as a R2001 specification.

### **5 Service Aspects**

**None..**

**6 MMI-Aspects**

None

**7 Charging Aspects**

None

**8 Security Aspects**

None

**9 Impacts**

Affects:	(U)SIM	ME	AN	CN	Others
Yes	X				
No		X	X	X	X
Don't know					

**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
	SIM API for MULTOS	T3		T#11	T#12	
Affected existing specifications						
Spec No.	CR	Subject		Approved at plenary#		Comments
03.48		impact for further investigation				

**11 Work item rapporteurs**

Neil Livingston – Aspects Software  
(Neil.Livingston@aspects-sw.com)

**12 Work item leadership**

TSG-T WG3

**13 Supporting Companies**

MAOSCO Ltd  
Aspects Software  
Dai Nippon Printing  
BT  
Europay International  
Hitachi  
Mobile-Mind

14	Classification of the WI (if known)
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	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)

# Work Item Description: (U)SIM API for MULTOS (Test Specification)

## 1 3GPP Work Area

	Radio Access
	Core Network
X	Services

## 2 Linked work items

*SIM API for MULTOS*

## 3 Justification

To test compliance to the SIM API for MULTOS specification to ensure interoperability and consistent implementation of the API.

## 4 Objective

- To produce a “SIM API for MULTOS Test Specification” which tests compliance to the “SIM API for MULTOS specification”
- To submit the test specification for approval as a release 2001 specification

## 5 Service Aspects

None.

## 6 MMI-Aspects

None.

## 7 Charging Aspects

*None.*

## 8 Security Aspects

*None.*

## 9 Impacts

Affects:	(U)SIM	ME	AN	CN	Others
Yes	X				
No		X	X	X	X
Don't know					

**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
	SIM API for MULTOS Test Specification	T3		T #11	T #12	
Affected existing specifications						
Spec No.	CR	Subject		Approved at plenary#		Comments
None						

**11 Work item rapporteurs**

Neil Livingston – Aspects Software  
(Neil.Livingston@aspects-sw.com)

**12 Work item leadership**

TSG-T WG3

**13 Supporting Companies**

MAOSCO Ltd  
Aspects Software  
Dai Nippon Printing  
BT  
Europay International  
Hitachi  
Mobile-Mind

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**3GPP T3 Meeting #15**  
**San Diego, USA, 16 – 18 August, 2000**

***Tdoc T3-000423***

**Source: T3**

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## Work Item Description:

"Use of local link (RS232, Bluetooth, USB, Irda) as a bearer for USAT"

### 1 3GPP Work Area

TSG Terminals WG3 (USIM).

### 2 Linked work items

USIM Application Toolkit.

### 3 Justification

This work would extend the existing bearer independent functionality and allow a (U)SAT application to communicate with local devices using the local connectivity capabilities of the terminal.

For applications dedicated to third party equipment, the knowledge of the local environment (attached devices) is useful. So it is also proposed to have a way for the (U)SAT to get the local connection status, independent of the type of link.

Some applications may require a secure link. Security facilities offered by the bearer may be used, and if necessary an upper security layer could be defined. For example, an implementation of security mechanisms specified in GSM 03.48 for bearer independent channels, could be considered.

### 4 Objective

This work item will result in appropriate Change Requests to 3G TS 31.111 and if necessary to the 3GPP version of GSM 03.48.

### 5 Service aspects

Service aspects to be identified in co-operation with S1.

### 6 MMI-aspects

None.

### 7 Charging aspects

None.

## 8 Security Aspects

Security Requirements from TSG-SA WG3 shall be taken into account. An upper security layer could be defined, if it's not possible to re-use already defined mechanisms (GSM 03.48).

## 9 Impacts

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

## 10 Expected Output and Timescales *(to be updated at each plenary)*

TSG adoption of WI	September 2000	TSG-T#9
Start of work	May 2000	T3 ad-hoc meeting
CRs for WG approval	November 2000	T3#16
CRs for TSG approval	December 2000	TSG-T#10

New specifications						
Spec No.	Title	Prime rsp. WG	2ndary rsp. WG(s)	Presented for information at plenary#	Approved at plenary#	Comments
none						
Affected existing specifications						
Spec No.	CR	Subject		Approved at plenary#		Comments
31.111						

## 11 Work item rapporteur

Proposed rapporteur : Jean-Francois Rubon (Gemplus)

## 12 Work item leadership

Primary responsible working party : TSG Terminals WG3 (USIM).

Secondary responsible working party : TSG Terminals WG2.



## 13 Supporting companies

Alcatel, Bouygues Telecom, Bull, France Telecom, Gemplus, G&D, Oberthur S.C., Orga, Schlumberger, Sonera.

## 14 Classification of the WI (if known)

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