

Source: T3

Title: CRs to TS 23.048: SIM toolkit secure messaging (stage 2)

Document for: Approval

This document contains the following change request:

T3 Doc	Spec	CR	Rev	Phase	Subject	Cat	V. old	V. new
T3-030440	23.048	035	-	Rel-5	Correction of the 'System Parameters constructed value field'	F	5.6.0	5.7.0

CR-Form-v7

CHANGE REQUEST

23.048 CR 035 #rev - # Current version: 5.6.0

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the # symbols.

Proposed change affects:

UICC apps#

ME

Radio Access Network

Core Network

Title:	#	Correction of the 'System Parameters constructed value field'	
Source:	#	T3	
Work item code:	#	TEI	Date: # 23/05/2003
Category:	#	F	Release: # Rel-5
		<i>Use one of the following categories:</i>	<i>Use one of the following releases:</i>
		F (correction)	2 (GSM Phase 2)
		A (corresponds to a correction in an earlier release)	R96 (Release 1996)
		B (addition of feature),	R97 (Release 1997)
		C (functional modification of feature)	R98 (Release 1998)
		D (editorial modification)	R99 (Release 1999)
		Detailed explanations of the above categories can be found in 3GPP TR 21.900 .	Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

Reason for change:	#	- The length indicated for the 'System Parameters constructed value field' is wrong. If the 'Toolkit Applet specific Parameters' TLV object is not present, the length of the 'System Parameters constructed value' field shall be 8 and not 8-n. - The note for the 'toolkit applet specific parameters field' is not clear.
Summary of change:	#	- Correction of the length of the 'System Parameters constructed value field' from 8-n to 8. - Clarification of the Note for the 'toolkit applet specific parameters field' TLV
Consequences if not approved:	#	The length indicated is wrong.

Clauses affected:	#	§ A.1.1.4.2									
Other specs affected:	#	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="width: 20px; height: 20px; text-align: center;">Y</td> <td style="width: 20px; height: 20px; text-align: center;">N</td> </tr> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table> Other core specifications	Y	N							#
		Y	N								
Test specifications	#										
O&M Specifications	#										
Other comments:	#										

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at <http://www.3gpp.org/specs/CR.htm>.

Below is a brief summary:

- 1) Fill out the above form. The symbols above marked # contain pop-up help information about the field that they are closest to.

- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.
- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

A.1.1.4.2 Install (Install)

Toolkit registration is only active if the toolkit applet is at the state selectable, for example if the applet is registered for the event Menu Selection it shall only appear in the menu if the applet is in the selectable state.

The Install Parameter Field of the Install (Install) command shall be coded as follows:

Presence	Length	Name
Mandatory	1	Tag of System Parameters constructed field 'EF'
	1	Length of System Parameters constructed field
	8-n or (16-n)	System Parameters constructed value field.
Mandatory	1	Tag of Applet specific parameters field: 'C9'
	1	Length of Applet specific Parameters field
	0-n	Applet specific Parameters

The System Parameters value field of the Install (Install) command shall be coded as follows:

Presence	Length	Name
Mandatory	1	Tag of non volatile memory requirements for installation field: 'C8'
	1	Length of non volatile memory requirement for installation (see A.1.1.4.2.2)
	2	Non volatile memory required for installation in byte (see A.1.1.4.2.2)
Mandatory	1	Tag of volatile memory requirements for installation field: 'C7'
	1	Length of volatile memory requirement for installation (see A.1.1.4.2.2)
	2	Volatile memory required for installation in byte (see A.1.1.4.2.2)
Conditional (see Note)	1	Tag of toolkit applet specific parameters field: 'CA'
	1	Length of toolkit applet specific parameters field
	6-n	Toolkit Applet specific Parameters (see A.1.1.4.2.1)
Note:	This TLV object is These parameters are mandatory for Applets implementing the ToolkitInterface as defined in TS 43.019 [15].	

Even if the length of the non volatile or volatile memory is present in the Install(Load) command, the card shall use the values indicated in the Install(Install) command at instantiation, should these values differ.

The format of the install method buffer provided by the Install (Install) command shall be the one specified in the Open Platform Card specification [14].

The applet may invoke the register(bArray, bOffset, bLength) or the register() method: the applet instance shall be registered with the instance AID present in the Install (Install) command.

If the register (bArray, bOffset, bLength) is invoked, the AID passed in the parameters shall be the instance AID provided in the install method buffer.

If the register() method is invoked the instance AID present in the Install(Install) command and the AID within the Load File, as specified in Open Platform Card specification [14], should be the same.