Technical Specification Group Services and System Aspects ***S3-000041***
Meeting #7~~6~~,

TSG SA WG3 #10, Antwerp 19-21 January 2000

DRAFT 3G CHANGE REQUEST

Please see embedded help file at the bottom of this page for instructions on how to fill in this form correctly.

TS 33.102 **CR** Current Version: V3.3~~1~~.0

3G specification number ↑ *↑ CR number as allocated by 3G support team*

For submission to TSG SA#7 for approval ☒ for information □ *(only one box should be marked with an X)*

list TSG meeting no. here ↑

Form: 3G CR cover sheet, version 1.0 *The latest version of this form is available from: ftp://ftp.3gpp.org/Information/3GCRF-xx.rtf*

Proposed change affects: USIM □ ME ☒ UTRAN □ Core Network ☒
(at least one should be marked with an X)

Source:	Telia	**Date:**	99-11-28
Subject:	Visibility and configurability		
3G Work item:	Security		

Category:	F	Correction	□
	A	Corresponds to a correction in a 2G specification	□
(only one category	B	Addition of feature	□
shall be marked	C	Functional modification of feature	☒
with an X)	D	Editorial modification	□

Reason for change: 5..5 presently contains a list of suggested and possible features for providing visibility and configurability of security features. Some of those must be made mandatory to attain their full value, while other should be deleted as being of too little or questionable value. This CR proposes which features to make mandatory and which to delete for visibility and configurability respectively.

Clauses affected: 5.5

Other specs affected:	Other 3G core specifications	□	→ List of CRs:	
	Other 2G core specifications	□	→ List of CRs:	
	MS test specifications	□	→ List of CRs:	
	BSS test specifications	□	→ List of CRs:	
	O&M specifications	□	→ List of CRs:	

Other comments:

5.5 Security visibility and configurability

5.5.1 Visibility

Although in general the security features should be transparent to the user, for certain events and according to the user’s concern, ~~greater~~ some user visibility of the operation of security features should be provided~~. This yields to a number of~~. The following features that inform the user of security-related events, ~~such as~~shall be implemented:

- indication of access network encryption: the property that the user is informed whether the confidentiality of user data is protected on the radio access link, in particular when non-ciphered calls are set-up;

- indication of network-wide encryption: the property that the user is informed whether the confidentiality of user data is protected along the entire communication path, subject to this option having been implemented on the UE;

- ~~indication of the level of security: the property that the user is informed on the level of security that is provided by the visited network, in particular when a user is handed over or roams into a network with lower security level (3G~~ → ~~2G).~~

5.5.2 Configurability

Configurability is the property that that the user and the user’s HE can configure whether the use or the provision of a service should depend on whether a security feature is in operation. A service can only be used if all security features, which are relevant to that service and which are required by the configurations of the user or of the user’s HE, are in operation. The following configurability features ~~are suggested~~shall be implemented:

- Enabling/disabling user-USIM authentication: the user in general and~~/~~ the~~or~~ user’s HE for some events, services or use, should be able to control the operation of user-USIM authentication, ~~e.g., for some events, services or use~~.

- Accepting/Rejecting incoming non-ciphered calls: the user, ~~and/or~~possibly via the user’s HE should be able to control whether the user accepts or rejects incoming non-ciphered calls;

- ~~Setting up or not setting up non-ciphered calls: the user and/or user’s HE should be able to control whether the user sets up connections when ciphering is not enabled by the network;~~

~~- Accepting/rejecting the use of certain ciphering algorithms: the user and/or user’s HE should be able to control~~