

2-4 August, 2000

Oslo, Norway

Source: SA WG3

Title: WI description for enhancing home environment control of security

Document for: Approval

Agenda Item: 11

Work Item Description

Title

Enhancing home environment control of security

1 3GPP Work Area

X	Radio Access
X	Core Network
X	Services

2 Linked work items

None identified

3 Justification

In order to facilitate global roaming the 3GPP authentication and key agreement mechanism has been adopted by the TIA TR-45 group. TR-45 have identified requirements for enhancing the degree of control the home environment can exert on the serving network with respect to authentication and key agreement. In particular, two security features are required by TR-45:

- Authentication vector revocation
- Positive authentication result reporting

4 Objective

The objectives of this work item are:

- to assess the requirements identified by TR-45 to determine what functional changes should be made to the R00 security architecture
- to produce the necessary stage 2 specifications
- to ensure that the stage 3 specifications are developed by the relevant groups

5 Service Aspects

None identified.

6 MMI-Aspects

None identified.

7 Charging Aspects

None identified.

8 Security Aspects

The main aspect of this work item is security.

9 Impacts

Affects:	USIM	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)

Meeting	Date	Activity
S3#15	September 2000	Responses to liaison statements on the feasibility of the identified features expected from N4. S3 to assess the requirements identified by TR-45 to determine what functional changes should be made to the R00 security architecture.
S3#16	November 2000	Stage 2 specifications complete.

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	
33.102						

11 Work item rapporteurs

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12 Work item leadership

TSG SA WG3

13 Supporting Companies

Lucent, Motorola, Qualcomm, Vodafone, Telenor

14 Classification of the WI (if known)

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