
3GPP TSG-SA WG2 meeting #31
Seoul, Korea, 7th – 11th April 2003

Tdoc S2-031565
rev of S2-031334

Title: LS on unciphered IMEISV transfer
Response to: n/a
Release: Release 5
Work Item: Late UE (Early UE)

Source: SA WG2
To: SA WG3
Cc:

Contact Person:

Name: Frank Mademann
Tel. Number: +49 30 386 29079
E-mail Address: frank.mademann@siemens.com

Attachments: none

1. Overall Description:

SA2 evaluate mechanism to provide UE specific behaviour information to network entities. This information may be used by correcting mechanisms to overcome issues that have been recognised by 3GPP in TR 25.994 (Measures employed by the UMTS Radio Access Network (UTRAN) to overcome early User Equipment (UE) implementation faults), and other such documents.

The UE specifics are determined by means of the IMEISV. The network will retrieve the IMEISV from the UE at each PS or CS Attach and in addition at each Location Area Updating when the MSC/VLR changes. The IMEISV is retrieved at these times in order to discover changes of the equipment (terminal type / software version). When a lu interface connection is established for the UE, the UE specific behaviour information shall be sent as early as possible to the RAN, i.e. before the Security Mode Command is sent to the RAN. Because the IMEISV has to be obtained before the Security Mode Command, it will be transferred unciphered from the UE to the network.

SA2 ask SA3 to comment on any potential security issues caused by this transfer of the unciphered IMEISV within UE to network signalling.

2. Actions:

Evaluation of any potential security issues caused by the transfer of the unciphered IMEISV.

3. Date of Next TSG-SA WG2 Meetings:

SA2#32	12 th – 16 th May 2003	San Diego, USA
SA2#33	7 th – 11 th July 2003	Sophia-Antipolis, France