3GPP TSG SA WG3 Security — S3#34   **S3-040633**
Acapulco, Mexico, July 6-9, 2004

Title:	**[DRAFT]** LS on Security Aspects in Selective Disabling of UE Capabilities WI
Response to:	
Release:	Rel-7
Work Item:	**Selective Disabling of UE Capabilities**

Source:	SA3
To:	SA1
Cc:	-

Contact Person:
Name: Tiina Koskinen
Tel. Number: +358 50 482 1347
E-mail Address: tiina.s.koskinen@nokia.com

Attachments: S3-040632

---

1. Overall Description:

SA3 has discussed the new work item 'Selective Disabling of UE Capabilities' that was approved in SA Plenary #24. SA3 would like to inform SA1 that SA3 has started the work on security aspects of this work item. SA3 intends to use the attached document (S3-040632) as basis for further work on this subject. The attached SA3 document proposes a collection of measures well known and studied in the IT industry:

- virus scanners and -cleaners on the terminals

- firewalls in the network and in the terminal

- intrusion detection system on the terminals (also known as host-based IDS)

However, SA3 would like to point out that there were also several potential problems identified that this type of mechanism could introduce. Also it should be noted that until now in GSM and 3G networks it was always thought that this capability was something that could be performed within a network (such as removal from a HLR), and did not need a mechanism that could result in denial of service of a UE if abused. If such a mechanism is introduced it is very important that its use can be very well controlled, and can never be misused.

SA3 would like to suggest that SA1 reserves an independent section for security aspects in the TR on Selective Disabling of UE capabilities. SA3 intends to continue to update the attached document in the future SA3 meetings and would like to provide it to SA1 in later stage to be included into the TR. SA3 invites SA1 to review and comment the initial input in the attached document.

SA3 kindly asks SA1 to provide SA3 the structure of the TR when available.

2. Actions:

To SA1 group.

ACTION:

- SA3 invites SA1 to review and comment the initial input in the attached document.
- SA3 kindly asks SA1 to provide SA3 the structure of the TR on 'Selective Disabling of UE Capabilities' when it is available.

3. Date of Next SA3 Meetings:

SA3#35	5 - 8 October 2004	Malta
SA3#36	23 - 26 November 2004	Shenzhen, China