3GPP TSG SA WG3 Security — S3#19   **S3-010400**

3 - 6 July, 2001

Newbury, UK

Source:	**S3**
To:	**S1, T2, T3**
Title:	**LS about IMS access security and the UE split**
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S3 thank S1, T2 and T3 for their active participation in the joint meeting about UE split held in Newbury 3rd July 2001. As agreed during the meeting, S3 provides some clarifying information about the use of authentication and key agreement mechanisms for IMS.

S3 has designed the access security mechanisms for IMS bearing in mind the requirement of access technology independence. Although the mechanisms used for authentication and key agreement in UMTS R99 are re-used for IMS access security, the identities to be authenticated and the master keys to be used are logically independent of the identities and keys stored in USIM for use in UMTS CS- and PS-domain. In order to make this distinction clearer, S3 has introduced the concept of a ISIM (IMS SIM).

Although ISIM and USIM are logically independent, all the following cases are possible for implementation:

1) ISIM and USIM are implemented as a single application inside one UICC;

2) ISIM and USIM are implemented as two distinct applications inside one UICC;

3) ISIM and USIM are implemented inside two distinct UICCs.

In their future meetings, S3 has the issue of security aspects of UE functionality split as a permanent agenda point.

Unfortunately, S3 had to re-schedule their December meeting to the last week of November due to logistics reasons. This means the preliminary agreement (of the joint meeting) to arrange another joint meeting about UE split has to be re-considered and discussed further by correspondence.

Attached: draft report of the joint meeting