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3GPP T3 Meeting #19
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Tdoc T3-010442
Supersedes T3-010388

Liaison Statement

From:	T3
	(Contact: Scott Guthery, Mobile-Mind, sguthery@mobile-mind.com)
To:	T2
Copy:	TSG-T

Subject: **TS 23.227 v4.0.0 "Application and User interaction in the UE - Principles and specific requirements"**

In line with the request of TSG-T #11, T3 has reviewed the above-mentioned document.

T3 considers the document to be a good starting point for open and wide-ranging discussion of an important and complex issue. It is the view of T3 that, given the complexity of the issue and the number of parties interested in and impacted by its outcome, this discussion cannot be completed within the time constraints of Release 4.

The following are examples of topics that were raised during the T3 discussion on this document:

1) The principles set forth in the document run counter to the principles set forth in other requirements and service descriptions that govern the USIM application and the UICC platform. For example according to 3G TS 22.038, "It shall be possible for the USIM/SIM to initiate and terminate a (USIM/SIM initiated) communication request with or without explicit confirmation by the user."

2) The state machine governing sharing of control in the distributed computing environment discussed in the document is more complex than envisioned and, for example, includes states in which the UICC is the master and the ME is the slave.

3) According to item #3 in section of 5.1.1, a user could block administration of the USIM application by the network operator. In general, the requirements of the owners of each of the platforms connected to the ME must be collected and harmonised with the requirements of the applications and the users.

4) No guidance is provided to application providers whose applications will be deployed on one or more of the application platforms connected to the ME on how to achieve synchronisation among the distributed components of their own application or co-ordination with components of other applications

5) The principles set forth in the document run counter to existing USIM and UICC technical specifications and practice. For example, with respect to section 4.4, current 3GPP TS 03.48 explicitly permits application authentication and integrity checking to performed on the UICC and not on the ME. For another example, with respect to section 5.2, existing UICC functionality such as the USAT Interpreter already exports an internal API, viz. the SIM Toolkit API.

6) With respect to security, the statement "… discussions on security clearly show that services should be terminated in the MT" is ambiguous at best. Clearly there are security scenarios such as subscriber identification, UICC application download, digital rights management, and payment in which security is not terminated in the MT.

T2 may wish to consider changing the release of this document to Release 5 so that input on the principles and requirements of all the parties actively concerned with user/application interaction can be included. T3 would be happy to provide its input at a joint T2/T3 ad hoc.