TSG-SA Working meeting #5
Korea, October 1999

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Agenda Item: **5.1.3**

Source: **France Télécom**

Title: **"User Control" requirements for SIM toolkit stage 1**

Document for: **Decision**

During the drafting work of SAT stage 1 (SIM application toolkit stage 1; TS 22.038), it was tried to incorporate into the draft specification the requirements on user control proposed by the AAE (Applications and Automatic Execution) workshops. This work is reflected mainly in the "user control of the SAT execution environment" section (§7.6).

During the recent SMG1/S1 meeting on AAE, it was agreed that <u>these AAE requirements need not necessarily be applied to the same extent to the different toolkits (SAT, MExE, Camel). Moreover, this Work Item is to be re-drafted and studied for the release 2000</u>.

It is felt that the "user control" requirements mainly described in section 7.6 of SAT stage 1 should be revised according to the recent discussion on AAE requirements. They put a heavy burden on SAT which could endanger not only existing services but also the future development of services based on SIM toolkit. It is believed that some of these requirements are very confusing for the user herself and will lead to unpredictable behaviour of the ME from the user's point of view. It is pointed out that the user does not have the complete knowledge on how the applications residing on the SIM technically work and therefore will not be able to evaluate the impact of her action (i.e. enabling/disabling user control parameters) on the service provision.

The two following examples illustrate the concern of France Telecom on these "user control" requirements for SIM toolkit :

1. if the user disables the "communication control capability", it may happen that a SIM toolkit application that is doing some control and/or translation of called party numbers will not work any more. <u>The user would suddenly loose the possibility to dial some numbers</u> or, even worse, <u>would be able to call some numbers that are barred for service reasons by a SIM toolkit application</u>.

2. if the user forbids the SIM toolkit environment to send automatically short messages or supplementary service strings, she would suddenly be informed of actions she may never have been aware of and <u>would very probably be unable to understand what is happening exactly or what to answer to a prompt issued by the Mobile Equipment</u>. Some services like location services based on the reception of a short message (SMS) by a SAT application and the sending of location information by the SAT application in answer to the received SMS would typically be damaged :

   - in the normal case, the user would see on the screen "*Location*" when a SMS-MO including location information are included,
   - with the "user control" parameters badly set, the user would suddenly see on the screen of the ME "*send a short message YES/NO?*". How can the user understand the relationship between this prompt and the location service she has subscribed to? And how the application in the network can know why it is suddenly not receiving the location information (if the user answers *NO*)?

For these reasons, **France Télécom consider that TSG SA can not approve the current version of TS 22.038 (SAT stage 1)**. However, France Télécom would reconsider this statement in case of the deletion of the following "user control" requirements currently written in the draft specification :

1) Section 5: " It shall be possible for the user to deactivate the SIM application environment".
2) Section 7.6: the entire section.
3) Section 8.2: " As an option, dependant on the subscribers subscription and the application, the user may enable/disable the communication control capability. The user shall be notified by the ME in case network service is lost as the result of disabling the communication control capability."

<u>France Télécom proposes therefore that</u> :

- the sections described above are deleted (or marked as "for further study") during this SA meeting in order to approve the document,

    and

- this document is given back to S1 and T3 for further elaboration on the "user control" requirements.