Technical Specification Group Services and System Aspects   **TSGS#16(02)0325**

Meeting #16, Marco Island, Florida, 10-13 June 2002

Source:	Siemens, Nokia, Openwave, Ericsson, Motorola
Title:	Clean-up of requirements in TS 22.242
Document for:	Approval
Agenda Item:	7.1.3

During the SA1 plenary meeting #15 in Saalfelden, the inclusion of a requirement #5 in TS 22.242 (DRM Stage 1) that *"the DRM solution shall be based on proven security components"* in Section 8 (*"Security"*) could not be agreed. This is recorded in the official report of the DRM subworking group meeting of SA1#15, stating the following:

"It was also proposed to add in chapter 7 (Security) one requirement that proven security components should be used. There was not consensus for that one because some delegates thought that the proposed requirement is too obvious and also the definition of "proven" needs clarification."

This requirement is currently identified as FFS (for further study) in the latest version of TS 22.242 V2.0.0. It is not clear what it relates to, and how this general requirement could be translated into any architectural requirements. Since Stage 1 requirements are used as the basis for determining a Stage 2 architecture, any interpretation of this service requirement that goes beyond the translation into architectural requirements is beyond the scope of a 3GPP Stage 1 specification. Therefore the requirement – as it currently stands – is not regarded as useful.

TS 22.242 is being submitted for approval to TSG-SA#16 in TD SP-020261 to lay the foundation for the Stage 2 work on DRM. In order to avoid confusion in the interpretation of service requirements and thus to avoid delays in the Stage 2 work, it is proposed to have the removal of the FFS requirement #5 in Section 8 approved at this TSG-SA#16 (cf. attached CR).

CR-Form-v5.1

CHANGE REQUEST

⌘	**22.242** CR **CRNum** ⌘ **rev** **-** ⌘	Current version:	**2.0.0**	⌘

*For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.*

Proposed change affects: ⌘   (U)SIM ☐   ME/UE ☐   Radio Access Network ☐   Core Network ☐

Title: ⌘	Removal of unclear requirement	
Source: ⌘	Siemens, Nokia, Openwave, Ericsson, Motorola	
Work item code: ⌘	DRM	***Date:*** ⌘ 29.05.2002
Category: ⌘ **F**		***Release:*** ⌘ Rel-6

Use <u>one</u> of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can be found in 3GPP <u>TR 21.900</u>.

Use <u>one</u> of the following releases:
2   *(GSM Phase 2)*
R96   *(Release 1996)*
R97   *(Release 1997)*
R98   *(Release 1998)*
R99   *(Release 1999)*
REL-4 *(Release 4)*
REL-5 *(Release 5)*

Reason for change: ⌘	Currently, Section 8 (Security) of TS 22.242 contains a requirement that "DRM shall be based on proven security components". This requirement is currently identified as FFS. It is not clear what it relates to, and how this general requirement could be translated into any architectural requirements. Since Stage 1 requirements are used as the basis for determining a Stage 2 architecture, any interpretation of this service requirement that goes beyond the translation of it into architectural requirements is beyond the scope of a 3GPP Stage 1 specification. Therefore the requirement – as it currently stands – is not regarded as useful.
Summary of change: ⌘	The appropriate requirement is removed from Section 8.
Consequences if not approved: ⌘	Confusion in the definition of an architecture for DRM.

Clauses affected: ⌘	Clause 8.
Other specs affected: ⌘	☐ Other core specifications ⌘ ☐ Test specifications ☐ O&M Specifications
Other comments: ⌘	

How to create CRs using this form:
Comprehensive information and tips about how to create CRs can be found at http://www.3gpp.org/specs/CR.htm. Below is a brief summary:

1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.

2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be

downloaded from the 3GPP server under ftp://ftp.3gpp.org/specs/ For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

8 Security (Class 2 DRM)

The following security requirements apply to class 2 DRM.

1. The DRM solution shall provide a mechanism, allowing content providers to make DRM content intrinsically secure and unusable to any UE not being granted corresponding rights to render the content.

2. The DRM solution shall allow content providers and rights issuers to establish a trust relationship with a UE.

3. The DRM solution shall enable UEs to establish a trust relationship with content providers and rights issuers.

4. The DRM system shall protect the integrity of usage rights.

5. ~~FFS: [The DRM solution shall be based on proven security component.]~~