Technical Specification Group Services and System Aspects *TSGS#18(02)0777*

Meeting #18, New Orleans, U.S.A., 9-12 December 2002

Source: **TSG SA WG2**
Title: **CRs on 23.127**
Agenda Item: **7.2.3**

The following Change Requests (CRs) have been approved by TSG SA WG2 and are requested to be approved by TSG SA plenary #18.
Note: the source of all these CRs is now S2, even if the name of the originating company(ies) is still reflected on the cover page of all the attached CRs.

Tdoc #	Title	Spec	CR #	cat	Version in	REL	WI	S2 meeting
S2-022931	Mapping of OSA APIs to Presence	23.127	044	C	5.2.0	6	OSA3	S2-27

CR-Form-v7

CHANGE REQUEST

| ⌘ | **23.127** CR **44** | ⌘ **rev** | **-** | ⌘ | Current version: | **5.2.0** | ⌘ |

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

Proposed change affects: UICC apps⌘ ☐ ME ☐ Radio Access Network ☐ Core Network **X**

| **Title:** | ⌘ | Mapping of OSA APIs to Presence |

| **Source:** | ⌘ | Nokia |

| **Work item code:** | ⌘ | OSA3 | | **Date:** | ⌘ | 08/10/2002 |

| **Category:** | ⌘ | **C** | | **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 TR 21.900.

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)
Rel-6 (Release 6)

| **Reason for change:** | ⌘ | New OSA stage 1 service requirement to support 3GPP Presence Service in Rel6. |

| **Summary of change:** | ⌘ | Mapping of Presence OSA APIs to reference points Peu and Pw of the Presence Server has been added. Contents of the presence information has been clarified. References to the Presence Service stage 1 and 2 specifications have been added. Specification number prefixes have been corrected. |

| **Consequences if not approved:** | ⌘ | Misalignment with OSA stage 1 specification TS 22.127. |

| **Clauses affected:** | ⌘ | 2.1, 7.9 |

		Y	N			
Other specs affected:	⌘	X		Other core specifications	⌘	29.198
			X	Test specifications		
			X	O&M Specifications		

| **Other comments:** | ⌘ | This CR reintroduces in Rel6 the functionality that was removed from Rel5 with CR41 rev.1 (S2-021429). |

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.

First modified section

2.1   Normative references

[1]   3GPP TS 23.057: "Mobile Execution Environment (MExE); Functional description - Stage 2".

[2]   3GPP TS 23.078: "Customised Applications for Mobile network Enhanced Logic (CAMEL) (Phase3); Functional description - Stage 2".

[3]   3GPP TS 31.111: "USIM Application Toolkit (USAT)".

[4]   3GPP TS 22.101: "Service Aspects; Service Principles".

[5]   3GPP TS 22.121: "Service Aspects; The Virtual Home Environment".

[6]   void

[7]   3GPP TS 22.127: "Service Aspects; Stage 1 Service Requirement for the Open Service Access (OSA)".

[8]   3GPP TS 23.228: "IP Multimedia Subsystem (IMS) Stage 2".

[9]   3GPP TS 22.078: "Customised Applications for Mobile network Enhanced Logic (CAMEL); Service description, Stage 1".

[10]   3GPP TS 23.218: "IP Multimedia (IM) Session Handling; IP Multimedia (IM) call model".

[11]   ~~void~~3GPP TS 22.141: "Presence Service; Stage 1".

[12]   void

[13]   3GPP TS 23.271: "Functional stage 2 description of LCS".

[14]   3GPP TS 23.141: "Presence Service; Architecture and Functional Description".

End of first modified section

Second modified section

7.9   Presence

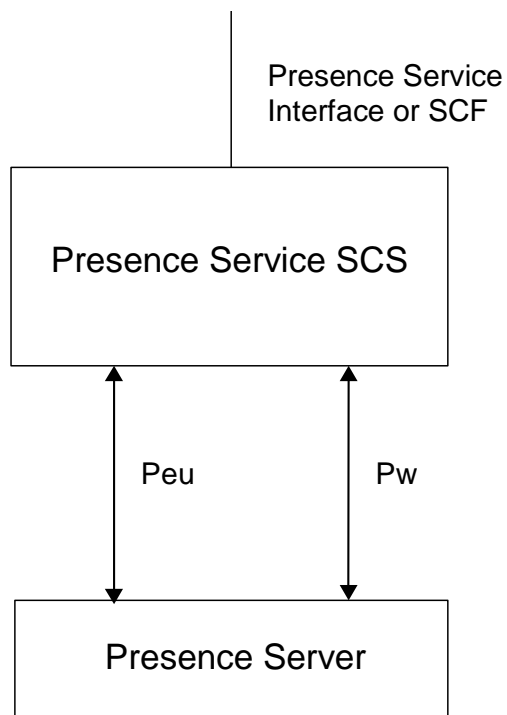The Presence SCF addresses stage 1 requirements on presence related capability functions.

OSA shall allow an application access to presence capabilities within the network. Presence related information may be requested or supplied by an OSA application and may include, but not be limited to presence information pertaining to the presence service or user availability. Presence information, i.e. a set of attributes characterising current properties of a presentity, is described in TS 22.141 [11].

An OSA application shall be able:

-     to register as a watcher, to request a presentity's presence information and to be notified of changes in the presence information.

-     to register as a presentity, to publish presence information, to retrieve watcher information and to manage related parameters (e.g. access rules). Presence management may include the setting of user preferences, the update of access rules…etc.

7.9.1 Mapping of OSA APIs

The Presence OSA APIs can be mapped to reference points Peu and Pw of the Presence Server.

Figure 7: Mapping of OSA Presence APIs

Reference points Peu (i.e. between a Presence User Agent and the Presence Server) and Pw (i.e. between Watcher Applications and the Presence Server) are described in TS 23.141 [14].

7.10 [void]

End of second modified section