TSGS#19(03)0038

TSG-SA WG1 #19
San Francisco, USA, 20th– 24th January 2003

S1-030178
Agenda Item: OSA

Source: SA1

Work Item Description

Title: **Scope of the Open Service Access Release 6**

1   3GPP Work Area

	Radio Access
X	Core Network
X	Services

2   Linked work items

List of linked Work Items from OSA in Release 5 still applies and WI GUP is added.

3   Justification

The work item describes the requirements on the Open Service Access to offer sufficient opportunities for the creation of value added services by third parties.

4   Objective

The objective of this work item on OSA Release 6 is to enhance the OSA interface of previous releases.

5   Service Aspects

The OSA Release 6 API shall support the following functions:

- Support of a Generic Network Interface Function
  This enables an application to communicate with additional non-framework service capability features by using transparent communication means.

~~? Local services~~
  ~~This enables the support of OSA-based local services to roaming subscribers~~

- Support for MMS Relay/Server to VASP Connectivity. This enables secure and trusted interaction of a MMS-VASP with the MMS Relay/Server.

- ? Support for the Push Service., Existing user notification capabilities could be used for Push Services to notify a user. The current OSA support might be enhanced for a full-size support for Push Service.

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- ? Enhanced User Notification. OSA provides facilities to notify a user. This facility is currently limited to either a SMS or USSD and shall be enhanced beyond these capabilities.

- Support for GUP toof user data management function enablinge applications to access to the Users' Profile. The content of the User Profile may be provided using the Generic User Profile mechanisms. Access to the Users Profile is supported in Release 5 first. Release 6 OSA shall be enhanced for the full-size support for GUP.

- Support of OSA interfaces at different levels of abstractions

- Support of network functions for user/application authentication

- Support of access to Service capability features in other networks

- Support of IP Session Function with the following features: release flows in an IP session, control the IP session, monitor the IP session, and request of flow information.

- Extensions to User Location Function (support of LCS enhanced user privacy)

- Extensions to Policy Management function (support of complex parameters and Policy Rule evaluation by third party applications)

- Extension to the notification of a new service's registration (addition of the level of backward compatibility)

6   MMI-Aspects

None identified

7   Charging Aspects

None identified

8   Security Aspects

The OSA API shall provide security facilities to guarantee secure access to user confidential information. Sensitive information has to be prevented from unauthorised access.

9   Impacts

Affects:	USIM	ME	AN	CN	Others
Yes				X	
No			X		
Don't know	X	X			X

10 Expected Output and Time scale (to be updated at each plenary)

The results of this Work Item shall be provided in a Technical Standard (stage 1, and 3). There is no specific OSA stage 2 as architectural and functional OSA aspects are cared for in stage 2 for VHE (TS 23.127). The work shall be aligned as far as possible with other bodies, such as ETSI SPAN and Parlay.

~~In order to clearly state the TSG S1 Service Requirements to other TSG's and WG's in a timely fashion the following Work Plan is proposed.~~

S1	*Dates*	*Actions*

New specifications						
Spec No.	Title	Prime rsp. WG	2ndary rsp. WG(s)	Presented for information at plenary#	Approved at plenary#	Comments
Affected existing specifications						
Spec No.	CR	Subject		Approved at plenary#		Comments
TS 22.127		Stage 1 Service Requirement for the Open Service Access				
TS 23.127		Open Service Architecture;				
TS 29.198		Open Service Architecture;API Part 1				
TR 29.998		Open Service Architecture;API Part 2				

11 Work item raporteurs

Dr. Jörg Swetina, Siemens AG

12 Work item leadership

TSG S1

13   Supporting Companies

Ericsson, Siemens, Fujitsu Laboratories of Europe, Nortel Networks, Lucent, Nokia, Materna, CMG
Siemens, Fujitsu Laboratories of Europe, Lucent, T-Mobile.

14   Classification of the WI (if known)

	Feature (go to 14a)
	Building Block (go to 14b)
	Work Task (go to 14c)

14a   The WI is a Feature: List of building blocks under this feature

(list of Work Items identified as building blocks)

14b   The WI is a Building Block: parent Feature

(one Work Item identified as a feature)

14c   The WI is a Work Task: parent Building Block

(one Work Item identified as a building block)