

Source: SA1
Title: WI for the Push Service for (Release 6)
Document for: Approval
Agenda Item: 7.1.3

Source: SA1

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Work Item Description

Title Push Service

1 **3GPP Work Area**

| | |
|---|--------------|
| | Radio Access |
| X | Core Network |
| X | Services |

2 **Linked work items**

Multimedia Messaging Service (MMS), Generic User Profile (GUP), IP Multimedia Subsystem (IMS), IMS Messaging, OSA, MBMS

3 **Justification**

This WID covers the Push Service. Work started on the Push Service in Cape Town, SA1 #11, in January 2001. It was originally prompted by the Push feasibility study work going on in SA2. The SA2 push service work has now stopped pending the outcome of the SA1 push service work.

This WID clarifies the position of the Push Service as a feature.

There is a need to define the requirements for a Push Service within 3GPP SA1 in order that it may provide the basis (service capability) for a variety of other services.

The substance of existing push capability and service requirements defined in 3GPP or other bodies will be investigated by SA1 in defining the 3GPP SA1 push service requirements.

4 **Objective**

The objective of this work item is to produce 3GPP stage 1 requirements for a Push Service capability that could be used by other services. The requirements may result either in a stand alone push specification or be inserted in other stage 1 specifications.

5 **Service Aspects**

The Push Service is a basic capability that allows the network to push data (e.g. notification or actual data), or initiate a session over which a service is provided, to one or more entities without being requested.

The Push Service will be one of the services or service capabilities or service enablers that network operators will offer to third parties. Other such service capabilities are: location based services, wholesale SMS/EMS/MMS etc. The push service capability may be used by advertising agencies, content providers e.g. weather bulletins, stock quotes, news headlines, traffic information.

NOTE: Some of the requirements defined in the Push Service stage 1 may be met by WAP MMS and/or WAP Push or specifications from other standards bodies.

6 MMI-Aspects

Services built on the Push Service will be offered on mobile phones and the MMI's will be manufacturer specific but with some guidelines from operators.

7 Charging Aspects

The ability to charge for the support of the Push Service shall be supported.

8 Security Aspects

The Push Service shall be secure.

9 Impacts

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

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

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.

| New specifications | | | | | | |
|---|--|----------------|--------------------|---------------------------------------|----------------------|---|
| Spec No. | Title | Prime resp. WG | 2ndary resp. WG(s) | Presented for information at plenary# | Approved at plenary# | Comments |
| 22.174 | Push Service stage 1 technical specification | SA1 | SA2/T2 | ?? | ?? | The work on the push stage 1 is well under way. |
| | | | | | | |
| Affected existing specifications | | | | | | |
| Spec No. | CR | Subject | | Approved at plenary# | Comments | |
| | | | | | | |

11 Work item raporteurs

George Bumiller

12 Work item leadership

TSG-SA1

13 Supporting Companies

Vodafone, RIM, Ericsson, Siemens, mmO2, NTT DoCoMo, AT&T Wireless, Orange, SBC

14 Classification of the WI (if known)

| | |
|---|----------------------------|
| X | 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)