

27 - 30 November, 2001

Sophia Antipolis, France

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**Title:** Response to: Liaison Statement on Revised Push Service Stage 1

**Source:** SA3

**To:** SA1, SA2

**Cc:**

**Contact Person:**

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AT&T Wireless Services

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**Attachments:**

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### 1. Overall Description:

SA3 thanks SA1 for their liaison statement and latest draft Push Services Stage 1 document (S3-010590 / S1-011252). The group has briefly analysed the section on security (section 6) and highlights a number of questions concerning the current text. SA3 would like to emphasize that due to the ambiguities it was unable to carry out a full analysis on the security implications.

SA3 also thanks SA2 for their liaison statement which asks SA3 to review the security aspects of the different Push architectures which are under consideration in TR 23.974 (S3-010434 / S2-012423). SA3 feels it more appropriate at this time to first provide comments on the stage 1. However, SA3 would like to acknowledge that there are different security implications of the different architectures which should be considered when developing the SA2 specifications.

SA3 looks forward to future co-operation with SA1 and SA2 on this matter.

Section 6 (Security) of the Push Services Stage 1 document plus highlighted comments from SA3 are provided below.

\*\*\*\*\* section 6 \*\*\*\*\*

## 6 Security

**Editors note : relationship to DRM ?**

The “Security Threats and Requirements” specified in 22.133 [1] shall not be compromised.

- o SA3 points out the standard document referred to is 21.133

The user shall be able to use the Push Service in a authorized and authenticated manner.

- o SA3 asks whether or not mutual authentication is meant here. SA3 also request clarification on which parties are actually required to be authorised and authenticated.
  - o between the user and the delivery network
  - o between the delivery network and the push initiator
  - o between the user and the push initiator

Mechanisms shall be provided to ensure that the Push message is sent to and accessed only by the intended addressed entity

It shall be possible for the Delivery Network or the user to deny an unauthorized push message.

- o SA3 asks for this point to be further clarified to identify what message types would be denied from the delivery network and or user

It shall be possible to deny an unauthorized push message.

- o SA3 believes this repeated sentence should be removed

An authorization may be based on the following:

- identity of the Push Initiator
- the destination user, device or user agent
- push related attributes such as priority and content type

It shall be possible for the user agent in the UE to control acceptance of content pushed to the user based on the trust level of the Push Initiator.

- o SA3 asks for this point to be further clarified to identify what extent it is different to the requirement given above "It shall be possible for the Delivery Network or the user to deny an unauthorized push message"

The Delivery Network shall provide data integrity and data confidentiality of the pushed information. Push Initiators must have authorization from the Delivery Network (e.g. PLMN Operators) in order to use the Push Service.

\*\*\*\*\* end of section 6 \*\*\*\*\*

**2. Actions:**

**ACTION:** SA3 requests SA1 to review the comments highlighted above for section 6 of the draft Push Services Stage 1 document and modify section 6 accordingly.

**3. Date of Next SA3 Meeting:**

Title	Date	Location	Country
SA3#22	25 Feb – 1 Mar 2002	Bristol	UK