
Source: SA3
Title: Lawful Interception in the 3GPP Rel-7 architecture
Document for: Approval
Agenda Item: 7.3.3

TSG-SA WG1 #38
Geneva, Switzerland, 26th to 29th April 2005

S3-050315
Agenda Item:

Work Item Description

Title

Lawful Interception in the 3GPP Rel-7 architecture

1 3GPP Work Area

	Radio Access
X	Core Network
	Services

2 Linked work items

3GPP Rel-7 architecture and services

3 Justification

The 3GPP Rel-7 architecture continues to develop IP-based Services, which need to be addressed by lawful interception. SA WG3-LI will study advanced IMS services, Multimedia Broadcast and Multicast Services, Subscriber Certificates, and I-WLAN for possible lawful interception systems.

4 Objective

The objective of this work item is to create a lawful interception specification for the latest Rel-7 architecture and services as described in the above justification.

The enhancements to specifications TS 33.106, TS 33.107 and TS 33.108 addresses the additional work to specify the HI2 (Intercepted Related Information) and the HI3 (Content) interfaces for Packet Data and advanced IMS delivery to the Law Enforcement Monitoring Facilities for 3G networks for Release 7.

The 3G Packet Domain and phase 2 Multi Media Domain have been addressed in these

specifications for Rel 6. In specification TS 33.107 I-WLAN first step has been addressed for Rel. 6.

HI1 (Administration) is not covered in this specification and is considered to be a matter of national regulation.

5 Service Aspects

None

6 MMI-Aspects

None

7 Charging Aspects

None

8 Security Aspects

Enhanced Lawful Interception specifications

9 Impacts

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

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

New specifications						
Spec No.	Title	Prime rsp. WG	2ndary rsp. WG(s)	Presented for information at plenary#	Approved at plenary#	Comments
33.106 v 7.x.x	Lawful Interception Requirements	SA3 WG LI	None	NA	SA #30	Update to existing document.
33.107 v 7.x.x	Lawful Interception Architecture and Functions	SA3 WG LI	None	NA	SA #30	Update to existing document
33.108 v 7.x.x	Handover Interface for Lawful Interception	SA3 WG LI	None	NA	SA #30	Update to existing document

Affected existing specifications				
Spec No.	CR	Subject	Approved at plenary#	Comments
33.106 v 6.1.0		Lawful Interception Requirements	TSG SA#26	Requirements to be included in Rel-7 update
33.107 v 6.4.0		Lawful Interception Architecture and Functions	TSG SA#26	Architecture to be included in Rel-7 update
33.108 v.6.9.0		Handover Interface for Lawful Interception	TSG SA #26	Update handover interface

11 Work item raporteurs

Berthold Wilhelm, Ron Ryan

12 Work item leadership

3GPP SA3

13 Supporting Companies

BT
Siemens
Lucent
Nokia
Motorola
Nortel Networks
Ericsson
O₂ U.K.
Rogers Wireless

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