
3GPP TSG SA WG3 Security — S3#26
25 - 28 February 2003
Sophia Antipolis, France

S3-030097

3GPP SA3-LI #8
19 – 21 Feb. 2003
Paris, France

Tdoc S3LI03_025

Work Item Description

Title

Lawful Interception in the 3GPP Rel-6 architecture

1 3GPP Work Area

	Radio Access
X	Core Network
	Services

2 Linked work items

3GPPRel-6 architecture and services

3 Justification

The 3GPP Rel-6 architecture continues to develop IP-based Services, which need to be addressed by lawful interception. SA WG3-LI will study IMS phase 2, Multimedia Broadcast and Multicast Services, Priority Service, [Presence Service](#), Subscriber Certificates, and WLAN for possible lawful interception systems. For circuit switch, AMR-WB will be investigated.

4 Objective

The objective of this work item is to create a lawful interception specification for the latest Rel-6 architecture and services as described in the above justification.

The enhancements to specification TS 33.108 addresses the additional work to specify the HI2 (Intercepted Related Information) and the HI3 (Content) interfaces for Packet Data, Circuit Switched and IMS delivery to the Law Enforcement Monitoring Facilities for 3G networks for Release 6. In the first step the 3G Packet Domain and phase 1 Multi Media Domain have been addressed in this specification for Rel 5. The Circuit-Switched Domain was already addressed by different regional specifications for 2G networks, and for 3G networks the Circuit-Switched Domain will be based on these documents and incorporated into 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 resp. WG	2ndary resp. WG(s)	Presented for information at plenary#	Approved at plenary#	Comments
33.106 v 6.x.x	Lawful Interception Requirements	SA3 WG LI	None	S3 #30	SA #22	Update to existing document.
33.107 v 6.x.x	Lawful Interception Architecture and Functions	SA3 WG LI	None	S3 #30	SA #22	Update to existing document
33.108 v.6.x.x	Handover Interface for Lawful Interception	SA3 WG LI	None	S3 #30	SA #22	Update to existing document

Affected existing specifications				
Spec No.	CR	Subject	Approved at plenary#	Comments
33.106 v 5.1.0		Lawful Interception Requirements	TSG SA#11	Requirements to be included in Rel-6 update
33.107 v 5.4.0		Lawful Interception Architecture and Functions	TSG SA#11	Architecture to be included in Rel-6 update
33.108 v.5.1.0		Handover Interface for Lawful Interception	TSG SA #16	Update handover interface for IMS phase 2

11 **Work item rapporteurs**

Berthold Wilhelm, Ron Ryan

12 **Work item leadership**

3GPP SA3

13 **Supporting Companies**

Siemens
 Nokia
 Motorola
 Nortel Networks
 Ericsson
 Vodafone
 T-Mobile Deutschland

mmO₂

14 Classification of the WI (if known)

	Feature (go to 14a)
	Building Block (go to 14b)
X	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

Provisioning of IP based MM services/Access Security