



**Lawful Interception (LI);
Handover Interface and
Service-Specific Details (SSD) for IP delivery;
Part 1: Handover specification for IP delivery**

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Foreword

This Technical Specification (TS) has been produced by ETSI Technical Committee Lawful Interception (LI).

The present document is part 1 of a multi-part deliverable covering the Handover Interface and Service-Specific Details (SSD) for IP delivery, as identified below:

- Part 1:** "Handover specification for IP delivery";
- Part 2: "Service-specific details for messaging services";
- Part 3: "Service-specific details for internet access services";
- Part 4: "Service-specific details for Layer 2 services";
- Part 5: "Service-specific details for IP Multimedia services";
- Part 6: "Service-specific details for PSTN/ISDN services";
- Part 7: "Service-specific details for Mobile Services".

The ASN.1 module is available as an electronic attachment to the present document (see clause A.2 for more details).

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Introduction

The objective of the present document is to form the basis for a standardized handover interface for use by both telecommunications service providers and network operators, including Internet Service Providers that will deliver the interception information required by Law Enforcement Authorities under various European treaties and national regulations.

The present document describes how to handover intercepted information via IP-based networks from a CSP to an LEMF. The present document covers the transportation of traffic, but does not specify functionality within CSPs or LEMF (see clause 4.1). The present document handles the transportation of intercepted Content of Communication (CC), Intercept-Related Information (IRI), Transport Related Information (TRI) and HI1 notification information. The tasking and management of Lawful Interception via the HI1 interface is outside the scope of the present document.

The present document is intended to be general enough to be used in a variety of situations: it is not focused on a particular IP-based service. The present document therefore provides information that is not dependent on the type of service being intercepted. In particular the present document describes delivery mechanisms (clause 6), and the structure and header details (clause 5) for both HI2 and HI3 information.

References within the main body of the present document are made if applicable to the 3GPP specification number with in square brackets the reference number as listed in clause 2. In clause 2 "References" the corresponding ETSI specification number is indicated with a reference to the 3GPP specification number. 3GPP specifications are available faster than the equivalent ETSI specifications.

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