

ETSI TS 103 976 V1.1.1 (2024-02)



**LEA support services;
Interface for Lawful Disclosure of vehicle-related data**

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Foreword

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

Modal verbs terminology

In the present document "**shall**", "**shall not**", "**should**", "**should not**", "**may**", "**need not**", "**will**", "**will not**", "**can**" and "**cannot**" are to be interpreted as described in clause 3.2 of the [ETSI Drafting Rules](#) (Verbal forms for the expression of provisions).

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1 Scope

The present document defines an interface between two parties to make lawful requests for data relating to vehicles, and to respond to those requests where appropriate. The usage of the interface does not jeopardize the safety and security of the vehicles involved and takes into account the boundaries of the responsibilities of the parties involved.

2 References

2.1 Normative references

References are either specific (identified by date of publication and/or edition number or version number) or non-specific. For specific references, only the cited version applies. For non-specific references, the latest version of the referenced document (including any amendments) applies.

Referenced documents which are not found to be publicly available in the expected location might be found at <https://docbox.etsi.org/Reference>.

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The following referenced documents are necessary for the application of the present document.

- [1] [ISO 20077-1:2017](#): "Road Vehicles -- Extended vehicle (ExVe) methodology -- Part 1: General information".
- [2] [ISO 20077-2:2018](#): "Road Vehicles -- Extended vehicle (ExVe) methodology -- Part 2: Methodology for designing the extended vehicle".
- [3] [ISO 20078-1:2021](#): "Road vehicles -- Extended vehicle (ExVe) web services -- Part 1: Content and definitions".
- [4] [ISO 20078-2:2021](#): "Road vehicles -- Extended vehicle (ExVe) web services -- Part 2: Access".
- [5] [ISO 20078-3:2021](#): "Road vehicles -- Extended vehicle (ExVe) web services -- Part 3: Security".
- [6] [ETSI TS 103 120](#): "Lawful Interception (LI); Interface for warrant information".
- [7] [ETSI TS 103 280](#): "Lawful Interception (LI); Dictionary for common parameters".
- [8] [IETF RFC 8446](#): "The Transport Layer Security (TLS) Protocol Version 1.3".
- [9] [IETF RFC 6125](#): "Representation and Verification of Domain-Based Application Service Identity within Internet Public Key Infrastructure Using X.509 (PKIX) Certificates in the Context of Transport Layer Security (TLS)".

2.2 Informative references

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The following referenced documents are not necessary for the application of the present document but they assist the user with regard to a particular subject area.

- [i.1] OWASP Cheat Sheet Series: "Transport Layer Protection Cheat Sheet".

3 Definition of terms, symbols and abbreviations

3.1 Terms

For the purposes of the present document, the following terms apply:

Law Enforcement Agency (LEA): organization authorized by a lawful authorization based on a national law to request data and to receive the results

Request Processing System (RPS): system within an organization which holds vehicle-related data where there is a lawful reason for it to respond to requests for information

3.2 Symbols

Void.

3.3 Abbreviations

For the purposes of the present document, the following abbreviations apply:

EUI	Extended Unique Identifier
GNSS	Global Navigation Satellite System
GPSI	Generic Public Subscription Identifier
HTTPS	Hyper Text Transfer Protocol Secure
ICCID	Integrated Circuit Card IDentification
ID	IDentifier
IMEI	International Mobile Equipment Identity
IMSI	International Mobile Subscriber Identity
ISO	International Organization for Standardization
JSON	JavaScript Object Notation
LEA	Law Enforcement Agency
MAC	Media Access Control
MSISDN	Mobile Subscriber Integrated Services Digital Network
NAI	Network Access Identifier
PEI	Permanent Equipment Identifier
RPS	Request Processing System
SUPI	SUBscription Permanent Identifier
VIN	Vehicle Identification Number

4 Basic information

4.1 Contents

The present document includes:

- Reference model (clause 5).
- Definition of message flow and protocol (clause 6).
- Supported questions (clause 7).
- Security requirements (Annex A).