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Digital cellular telecommunications system (Phase 2) (GSM); Subscriber, Mobile
Equipment (ME) and services data administration (GSM 12.02)

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GSM®

**GLOBAL SYSTEM FOR
MOBILE COMMUNICATIONS**
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**Digital cellular telecommunications system (Phase 2);
Subscriber, Mobile Equipment (ME) and services
data administration
(GSM 12.02)**

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Foreword

This European Telecommunication Standard (ETS) was produced by the Special Mobile Group (SMG) Technical Committee of the European Telecommunications Standards Institute (ETSI).

This ETS describes the function associated with the administration of data related to subscribers, mobile equipments and services within the Digital cellular telecommunications system, specifically from the network management point of view. This ETS corresponds to GSM technical specification, GSM 12.02, version 4.6.1.

NOTE: TC-SMG has produced documents which give technical specifications for the implementation of the Digital cellular telecommunications system. Historically, these documents have been identified as GSM Technical Specifications (GSM-TSs). These specifications may subsequently become I-ETs (Phase 1), or European Telecommunication Standards (ETs)(Phase 2), whilst others may become ETSI Technical Reports (ETRs). These ETSI-GSM Technical Specifications are, for editorial reasons, still referred to in this ETS.

Proposed transposition dates	
Date of adoption of this ETS:	06 June 1996
Date of latest announcement of this ETS (doa):	26 September 1996
Date of latest publication of new National Standard or endorsement of this ETS (dop/e):	27 March 1997
Date of withdrawal of any conflicting National Standard (dow):	27 March 1997

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1 Scope

This European Telecommunication Standard (ETS) gives a description of the function associated with the administration of data related to subscribers, mobile equipments and services, specifically from the network management point of view.

This data, known as the Subscriber Profile, is used for the provision of services for a particular user of a PLMN, or for the user's equipment represented by the International Mobile Subscriber Identity (IMSI) and the International Mobile Equipment Identity (IMEI) respectively. The functions include the administrative procedures for both the subscriber (for example 'provision of service'), and the equipment identified by the IMEI. Also included is the management of subscriber data necessary for network management.

The managed functional entities involved are the Home Location Register (HLR), Visitor Location Register (VLR), Mobile Switching service Centre (MSC), Equipment Identity Register (EIR), Authentication Centre (AUC). The administration of subscriber data in all these entities is part of this ETS; which includes the means for a PLMN Operator to create, update, and delete information concerning a particular subscriber in order to allow (or bar) the use of the network.

2 Normative references

This ETS incorporates by dated and undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this ETS only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

The following GSM specifications have been taken into account for this ETS:

- ITU STANDARD PREVIEW
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- SIST ETS 300 613 E1:2003
<https://standards.iteh.ai/catalog/standards/sist/3723b0a-1637-4803-884a-4745f20733/sist-ets-300-613-e1-2003>
- [1] GSM 01.04 (ETR 100): "Digital cellular telecommunication system (Phase 2); Abbreviations and acronyms".
 - [2] GSM 02.02 (ETS 300 501): "Digital cellular telecommunication system (Phase 2); Bearer Services (BS) supported by a GSM Public Land Mobile Network (PLMN)".
 - [3] GSM 02.03 (ETS 300 502): "Digital cellular telecommunication system (Phase 2); Teleservices supported by a GSM Public Land Mobile Network (PLMN)".
 - [4] GSM 02.04 (ETS 300 503): "Digital cellular telecommunication system (Phase 2); General on supplementary services".
 - [5] GSM 02.16 (ETS 300 508): "Digital cellular telecommunication system (Phase 2); International Mobile station Equipment Identities (IMEI)".
 - [6] GSM 02.41 (ETS 300 513): "Digital cellular telecommunication system (Phase 2); Operator determined barring".
 - [7] GSM 02.81 (ETS 300 514): "Digital cellular telecommunication system (Phase 2); Line identification supplementary services - Stage 1".
 - [8] GSM 02.82 (ETS 300 515): "Digital cellular telecommunication system (Phase 2); Call Forwarding (CF) supplementary services - Stage 1".
 - [9] GSM 02.83 (ETS 300 516): "Digital cellular telecommunication system (Phase 2); Call Waiting (CW) and Call Hold (HOLD) supplementary services - Stage 1".
 - [10] GSM 02.84 (ETS 300 517): "Digital cellular telecommunication system (Phase 2); MultiParty (MPTY) supplementary services - Stage 1".