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| 3GPP TR 23.700-42 V0.0.0 (2025-08) | |
| Technical Report | |
| 3rd Generation Partnership Project;  Technical Specification Group Services and System Aspects;  Study on Application user consent;  (Release 20) | |
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For definitive guidance on drafting 3GPP TSs and TRs, see [3GPP TS 21.801](https://www.3gpp.org/DynaReport/21801.htm).

Ensure all blue guidance text is removed before submitting the TS/TR to the TSG for approval.

# Foreword

This Technical Report has been produced by the 3rd Generation Partnership Project (3GPP).

The contents of the present document are subject to continuing work within the TSG and may change following formal TSG approval. Should the TSG modify the contents of the present document, it will be re-released by the TSG with an identifying change of release date and an increase in version number as follows:

Version x.y.z

where:

x the first digit:

1 presented to TSG for information;

2 presented to TSG for approval;

3 or greater indicates TSG approved document under change control.

y the second digit is incremented for all changes of substance, i.e. technical enhancements, corrections, updates, etc.

z the third digit is incremented when editorial only changes have been incorporated in the document.

In the present document, modal verbs have the following meanings:

**shall** indicates a mandatory requirement to do something

**shall not** indicates an interdiction (prohibition) to do something

The constructions "shall" and "shall not" are confined to the context of normative provisions, and do not appear in Technical Reports.

The constructions "must" and "must not" are not used as substitutes for "shall" and "shall not". Their use is avoided insofar as possible, and they are not used in a normative context except in a direct citation from an external, referenced, non-3GPP document, or so as to maintain continuity of style when extending or modifying the provisions of such a referenced document.

**should** indicates a recommendation to do something

**should not** indicates a recommendation not to do something

**may** indicates permission to do something

**need not** indicates permission not to do something

The construction "may not" is ambiguous and is not used in normative elements. The unambiguous constructions "might not" or "shall not" are used instead, depending upon the meaning intended.

**can** indicates that something is possible

**cannot** indicates that something is impossible

The constructions "can" and "cannot" are not substitutes for "may" and "need not".

**will** indicates that something is certain or expected to happen as a result of action taken by an agency the behaviour of which is outside the scope of the present document

**will not** indicates that something is certain or expected not to happen as a result of action taken by an agency the behaviour of which is outside the scope of the present document

**might** indicates a likelihood that something will happen as a result of action taken by some agency the behaviour of which is outside the scope of the present document

**might not** indicates a likelihood that something will not happen as a result of action taken by some agency the behaviour of which is outside the scope of the present document

In addition:

**is** (or any other verb in the indicative mood) indicates a statement of fact

**is not** (or any other negative verb in the indicative mood) indicates a statement of fact

The constructions "is" and "is not" do not indicate requirements.

# Introduction

This clause is optional. If it exists, it shall be the second unnumbered clause.

# 1 Scope

This clause shall start on a new page.

The present document …

# 2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non‑specific.

- For a specific reference, subsequent revisions do not apply.

- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.

[1] 3GPP TR 21.905: "Vocabulary for 3GPP Specifications".

…

[x] <doctype> <#>[ ([up to and including]{yyyy[-mm]|V<a[.b[.c]]>}[onwards])]: "<Title>".

# 3 Definitions of terms, symbols and abbreviations

## 3.1 Terms

For the purposes of the present document, the terms given in TR 21.905 [1] and the following apply. A term defined in the present document takes precedence over the definition of the same term, if any, in TR 21.905 [1].

Definition format (Normal)

**<defined term>:** <definition>.

**example:** text used to clarify abstract rules by applying them literally.

## 3.2 Symbols

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

Symbol format (EW)

<symbol> <Explanation>

## 3.3 Abbreviations

For the purposes of the present document, the abbreviations given in TR 21.905 [1] and the following apply. An abbreviation defined in the present document takes precedence over the definition of the same abbreviation, if any, in TR 21.905 [1].

Abbreviation format (EW)

<ABBREVIATION> <Expansion>

# 4 Use Cases

## 4.1 Use Cases

### 4.1.1 General

This section describes the general information about use cases and scenarios where application user consent is involved.

### 4.1.x Use Case #x: <title>

This section describes use cases and scenarios where application user consent is involved.

# 5 Business Relationships

## 5.1 General

This section describes the general information about business relationships in the exposure domain.

## 5.2 Business relationship: x

This section describes the different business relationships in the exposure domain that are expected to impact the app-user consent flows and solutions.

# 6 Terminology

## 6.1 Background

This section describes the terms used in relation to user consent in different contexts and layers, that are relevant to the end-to-end application user consent.

## 6.2 Related industry specifications

### 6.2.1 General

This section describes the general information on various approaches taken on the application user consent solutions in most relevant industry groups.

### 6.2.x Industry group #x: <title>

This section summarizes the approach taken in the respective industry groups (e.g., GSMA OPG, CAMARA, etc) on the application user consent solutions.

## 6.3 Analysis

This section provides the analysis of the different terms and relationships between them.

# 6 Key issues

## 6.x Key issue #x: <title>

### 6.x.1 Description

This section provides details about the key issue by clarifying the related use case(s) and identifying possible gaps.

### 6.x.2 Open issues

This section lists open issues to be studied.

# 7 Solutions

## 7.1 Mapping of solutions to key issues

Table 6.1-1 Mapping of solutions to key issues

|  |  |  |  |
| --- | --- | --- | --- |
|  | KI #1 | KI #2 | … |
| Sol #1 |  |  |  |
| Sol #2 |  |  |  |
| Sol #... |  |  |  |

## 7.x Solution #x: <Solution Title>

### 7.x.1 General

This solution relates to KI #N.

This section describes the high-level principle of the solution.

### 7.x.2 Architecture requirements and impacts

This section describes any architectural requirements and architecture impacts based on the proposed solution.

### 7.x.1 Solution description

This section describes the solution in detail.

#### 7.x.1.1 Information flows

This section describes the information flow tables required for this solution.

### 7.x.4 Solution evaluation

This section provides solution evaluation based on the open issues specified in the related key issue(s).

# 8 Overall evaluation

## 8.x Evaluation of key issue #x

This section evaluates all solutions related to key issue #x.

# 9 Conclusions

## 9.1 Architectural conclusions

This section provides conclusion and suggestion for normative work for the architecture options studied in this TR.

## 9.2 Key issues conclusions

## 9.2.x Conclusions of key issue #x

This section provides conclusion and suggestion for normative work for the solutions related to key issue #x.

# Annex A (informative): Deployment scenarios

## A.1 General

This section describes the general information about deployment scenarios, if applicable.

## A.x Deployment model #x: <title>

This section describes the specific deployment scenario made possible by the agreed solutions, if applicable.

Annex <X> (informative):  
Change history

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Change history | | | | | | | |
| Date | Meeting | TDoc | CR | Rev | Cat | Subject/Comment | New version |
|  |  |  |  |  |  |  |  |