



INTERNATIONAL TELECOMMUNICATION UNION

CCITT

THE INTERNATIONAL
TELEGRAPH AND TELEPHONE
CONSULTATIVE COMMITTEE

I.252.5

(08/92)

**INTEGRATED SERVICES DIGITAL NETWORK
(ISDN)**

**GENERAL STRUCTURE AND SERVICE
CAPABILITIES**

CALL DEFLECTION

Recommendation I.252.5



Geneva, 1992



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FOREWORD

The CCITT (the International Telegraph and Telephone Consultative Committee) is a permanent organ of the International Telecommunication Union (ITU). CCITT is responsible for studying technical, operating and tariff questions and issuing Recommendations on them with a view to standardizing telecommunications on a worldwide basis.

The Plenary Assembly of CCITT which meets every four years, establishes the topics for study and approves Recommendations prepared by its Study Groups. The approval of Recommendations by the members of CCITT between Plenary Assemblies is covered by the procedure laid down in CCITT Resolution No. 2 (Melbourne, 1988).

Recommendation I.252.5 was revised by Study Group I and was approved under the Resolution No. 2 procedure on the 4th of August 1992.

CCITT NOTES

- 1) In this Recommendation, the expression "Administration" is used for conciseness to indicate both a telecommunication Administration and a recognized private operating agency.
- 2) A list of abbreviations used in this Recommendation can be found in Annex A.

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Recommendation I.252.5**CALL DEFLECTION***(revised 1992)***1 Definition**

Call Deflection permits a served user to, in real time, request that the network redirects an incoming call addressed to the served user's ISDN number to another number. The served user's originating service is unaffected.

Note – In normal situations, the Call Deflection service is provided on a per access basis. (In these situations, there is a one-to-one relationship between ISDN number and access.) However, the network may recognize multiple numbers on a single interface; in addition, it may not understand a complete ISDN number (e.g. Direct-Dialling-In). In these cases, the Call Deflection service is offered on the basis of the part of the ISDN number which the network can recognize.

2 Description**2.1 General description**

For a given ISDN number, Call Deflection (CD) service (including options) may be subscribed to for each basic service to which the user(s) of the number subscribes, or collectively for all the basic services to which the user(s) subscribes. Since subscription is on an ISDN number basis, the same call deflection subscriptions will apply to all terminals using this number.

Note – In this service description it is assumed that a single ISDN number is not shared across multiple interfaces. A single ISDN number may, however, be shared by multiple terminals on the same interface. Procedures permitting an ISDN number to be shared across multiple interfaces are for further study.

2.2 Specific terminology

Served user: User of a particular ISDN number who is requesting that the call to his number be deflected. This user may also be referred to as the deflecting user or the called user.

Deflected-to user: User, to whom the call shall be deflected.

2.3 Qualification on the applicability to telecommunication services

CD can be used with benefit for basic services, which require an alerting state when setting up a call, and can also be used to immediately deflect a call before alerting has commenced.

3. Procedures**3.1 Provision/withdrawal**

CD shall be provided after prearrangement with the service provider.