



ATIS-1000642.2014(R2019)

**Integrated Services Digital Network (ISDN) – Call  
Deflection Supplementary Service**

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## ATIS-1000642.2014(R2015) *Integrated Services Digital Network (ISDN) – Call Deflection Supplementary Service*

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American National Standard for Telecommunications

# Integrated Services Digital Network (ISDN) – Call Deflection Supplementary Service

Alliance for Telecommunications Industry Solutions

Approved June 2014

American National Standards Institute, Inc.

## Abstract

This standard is one of a series that defines and describes supplementary services within the context of an Integrated Services Digital Network (ISDN). The interaction of this service with other ISDN services is also included. The purpose of the standard is to allow maximum compatibility among network – and user-owned telecommunication equipment in order to increase the attractiveness and usefulness of ISDN-based capabilities.

## Foreword

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The information contained in this Foreword is not part of this American National Standard (ANS) and has not been processed in accordance with ANSI's requirements for an ANS. As such, this Foreword may contain material that has not been subjected to public review or a consensus process. In addition, it does not contain requirements necessary for conformance to the Standard.

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At the time of consensus on this document, PTSC, which was responsible for its development, had the following leadership:

- M. Dolly, PTSC Chair (AT&T)
- V. Shaikh, PTSC Vice-Chair (ACS)
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The **SAC** Subcommittee was responsible for the development of this document.

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ATIS Standard on –

# Integrated Services Digital Network – Call Deflection Supplementary Service

## 1 Scope, Purpose, & Application

### 1.1 Scope & Purpose

This standard is one of a series that defines and describes supplementary services within the context of an Integrated Services Digital Network (ISDN). The interaction of this service with other ISDN services is also included. The purpose of the standard is to allow maximum compatibility among network- and user-owned telecommunication equipment in order to increase the attractiveness and usefulness of ISDN-based capabilities.

This standard describes the Call Deflection (CD) service in terms of service definition, protocol, and procedures needed for implementation. CD permits a served user to request, in real time, that the network redirect an incoming call addressed to the served user's ISDN number to another number (the deflected-to number). The served user sends the network a deflection request with the deflected-to number provided in the request. The served user's originating service is unaffected.

Unlike ISDN Call Forwarding, the network will redirect a call only after receipt of a specific user request to deflect that call.

### 1.2 Application

The CD capability is applicable to both the Basic and Primary Rate ISDN Interfaces. It is intended to supplement the basic Circuit Mode Bearer Service contained in American National Standard for Telecommunications – Integrated services digital network (ISDN) – Circuit mode bearer service category description, ATIS-1000620. It should be used in conjunction with other American National Standards for ISDN supplementary service for complete understanding of the interactions between this and other services.

This supplementary service is applicable to the following circuit-mode bearer services:

- speech;
- 3.1-kHz audio;
- 64-kbit/s unrestricted digital information;
- multi-rate ( $n \times 64$  kbit/s).

## 2 Normative References

The following standards contain provisions which, through reference in this text, constitute provisions of this American National Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this American National Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below.