



TIA STANDARD

Telecommunications

Telephone Terminal Equipment

Labeling Requirements- Addendum 1

**TIA-168-C-1
(Addendum to TIA-168-C)**

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FOREWORD

(This foreword is not part of this Standard.)

This document is an addendum to TIA 168-C, Telecommunications – Telephone Terminal Equipment – Labeling Requirements. It was developed to expand the definitions for Equipment Classifications (Equipment Codes) IP, IS, and IT to include VoIP products used with Advanced Communications Services.

This addendum was produced by Engineering Committee TR-41, Performance and Accessibility for Communications Products. It was developed in accordance with TIA procedural guidelines, and represents the consensus position of the Committee, which served as the formulating group.

The leadership of the TR-41 Engineering Committee (Chair: James Bress, AST Technology Labs) acknowledges the written contributions provided by the following individuals in the development of this addendum.

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TELEPHONE TERMINAL EQUIPMENT – LABELING REQUIREMENTS – AMENDMENT 1

1. SCOPE

This addendum provides changes to TIA-168-C, *Telecommunications – Telephone Terminal Equipment – Labeling Requirements*.

Clause 2 of this document adds the term “Advanced Communications Services” to TIA-168-C Clause 3, Definitions.

Clause 3 of this document provides changes to the TIA-168-C Annex A.8 descriptions for the IP, IS, and IT codes related to VoIP equipment.

These changes are being made to expand the descriptions of these three codes to cover equipment that provides communications via Advanced Communications Services (as defined in the new addition to clause 2) in addition to the PSTN.

The other clauses and sub-clauses in TIA-168-C are not affected.

Additions to the text are shown underlined and deletions are shown using ~~strikeout~~. Words that appear in *underlined italics* are intended as instructions to the reader.

2. ADDITION TO CLAUSE 3

Add the following definition in proper alphabetical order:

Advanced Communications Services (ACS) – Communications services that include interconnected and non-interconnected VoIP services. Interconnected VoIP services enable people to make and receive calls to and from the public switched telephone network (PSTN). Non-interconnected VoIP includes services that enable real-time voice communications that either originate or terminate on the PSTN (but not both) or that neither originate nor terminate on the PSTN.

3. CHANGES TO ANNEX A.8

Make the following changes to the descriptions for the IP, IS, and IT digital equipment codes:

IP VoIP phone or other VoIP device with handset or headset capable of providing access and telecommunication via gateway(s) with the PSTN or via Advanced Communications Services (ACS).

IS VoIP system (e.g., VoIP PBX) with gateway(s) to the PSTN or to ACS.

IT VoIP terminal adapter (e.g., terminal adapter for the connection of analog or digital telephones to IP networks) capable of providing access and telecommunication via gateway(s) with the PSTN or via ACS.

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