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ICS 33.060
CCS M11

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4217-2023

Signaling Security Technical Requirements Between Mobile Communication Network Operators

移动通信网运营商间信令安全技术要求

(English Translation)

Issued on: April 21, 2023 **Implemented on: August 1, 2023**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 4217-2023 was issued by Ministry of Industry and Information Technology on 21 April 2023 and has been in force since 1 August 2023.

The YD/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

The document runs to 15 pages in English translation.

2 Scope Preview

This standard specifies the security technical requirements for No. 7 signaling and Diameter signaling protocols between overseas and domestic mobile communication network operators, including security architecture, functions, security management, etc. This standard is applicable to the formulation of security protection requirements for cross-operator signaling in LTE/TD-SCDMA/WCDMA/GSM mobile communication networks.

YD/T 4217-2023 falls under ICS 33.060, in the field of telecommunications.

This catalogue holds 3,420 other YD/T standards in that field.

In this catalogue, YD/T standards carry edition years from 1982 to 2026.

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3 About this standard

Sector: Telecommunication Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology

English translation: about 15 pages (approximate)

4 Related standards

Standards on related subjects:

GB/T 41301-2022 - Management requirements of IPv6 address in intelligent manufacturing environments

YD/T 1730-2008 - Implementation Guide for Security Risk Assessment of Telecom Network and Internet

YD/T 1548.1-2007 - 2GHz WCDMA digital cellular mobile communication network terminal equipment testing method (second stage) - Part 1: Basic functions, operations and performance testing

YD/T 6694-2026 - Computing and network convergence operation and management - Technical requirements of key performance indicators

YD/T 6644-2026 - Industrial Internet - Software defined factory intranet - Interface technical requirements

YD/T 6641-2026 - Industrial Internet edge computing - Edge gateway technical requirements and test methods

5 Classification and status

International classification (ICS): 33.060

Chinese Standard Classification (CCS): M 11

Prefix YD/T: recommended standard.

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