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ICS 01.040.33
CCS M32

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6587-2025

Guidelines for telecommunication network operation safety standardization

电信网络运行安全标准化基本规范

(English Translation)

Issued on: December 17, 2025 **Implemented on: April 1, 2026**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-6587-2025

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1 Foreword

YD/T 6587-2025 was issued by Ministry of Industry and Information Technology on 17 December 2025 and has been in force since 1 April 2026.

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 principles and general requirements for establishing, maintaining, and evaluating the basic specifications for network operation security standardization in telecommunications enterprises. It also outlines the content and requirements of eight system elements: objectives and responsibilities, institutionalized management, education and training, on-site management, security risk classification and control and hidden danger investigation and management, emergency management, accident management, and continuous improvement. This standard applies to telecommunications enterprises carrying out network operation security standardization construction work, as well as related consulting, services, reviews, research, management, and planning.

YD/T 6587-2025 falls under ICS 01.040.33, in the field of generalities, terminology and documentation.

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This catalogue holds 85 other YD/T standards in that field.

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

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:

YD/T 2375-2019 - Technical requirements for high accuracy time synchronization

JT/T 1076-2016 - GNSS System for Operating Vehicles - Technical Specifications for Vehicle Video Terminal

YD/T 2554.1-2013 - Plastic optical fiber connector - Part 1: Type LC

YD/T 6684-2026 - IPv6 support index requirements and evaluation methods for internet services - Content distribution network (CDN)

YD/T 3505-2026 - Evaluation index system of carrier network supporting IPv6

YD/T 3118-2026 - Parameters and methods of test for website IPv6 support

5 Classification and status

International classification (ICS): 01.040.33

Chinese Standard Classification (CCS): M 32

Prefix YD/T: recommended standard.

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