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ICS 33.060.99
CCS M36

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6574-2025

Technical requirements and test methods of 5G device network slicing for industry

面向行业的5G终端网络切片技术要求及测试方法

(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-6574-2025

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1 Foreword

YD/T 6574-2025 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 network reference architecture for providing slicing services, the technical requirements for slicing functionality in the communication protocol section (NSSAI, URSP, routing descriptors, service descriptors, etc.), the technical requirements for interoperability between slicing and 5G/4G systems, and the business requirements and technical functional requirements for slicing applications in industry scenarios such as cloud gaming, live video streaming, industrial manufacturing, security, energy and power, healthcare, and ports. It also describes the corresponding testing methods and procedures. This standard applies to the design, development, testing, and verification of slicing functionality for 5G non-consumer industry terminals.

YD/T 6574-2025 falls under ICS 33.060.99, in the field of telecommunications.

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

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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 3711-2020 - Technical requirement of IMS based vehicle eCall system based on public telecommunication network

GB/T 32401-2015 - Technical requirements and measurement methods for VHF/UHF frequency

GB/T 12572-2008 - Universal requirements and measurement methods of parameters for radio transmitting equipment

YD/T 6579-2025 - Technical requirements and test method of sidelink positioning andsynchronization for LTE-based vehicular communication under out-of-GNSS coverage condition

YD/T 6577-2025 - 5G digital cellular mobile telecommunication network - Technical requirements for OTA test system based on compact antenna test range for sub 6GHz gNB equipment

YD/T 6576-2025 - 5G digital cellular mobile telecommunication network - Technical requirement of gNB equipment for MBS (Phase 1)

5 Classification and status

International classification (ICS): 33.060.99

Chinese Standard Classification (CCS): M 36

Prefix YD/T: recommended standard.

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