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ICS 33.060
CCS M36

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4745-2024

Overall technical requirements for 5G core network enhanced location services based on service-oriented architecture

基于服务化架构的5G核心网增强位置业务总体技术要求

(English Translation)

Issued on: July 5, 2024 **Implemented on: October 1, 2024**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-4745-2024

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1 Foreword

YD/T 4745-2024 was issued by Ministry of Industry and Information Technology on 5 July 2024 and has been in force since 1 October 2024.

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 overall architecture of 5G core network enhanced location services, the functional requirements of the core network network elements involved, and key processes. This standard applies to the relevant components or network elements of the 5G enhanced location service system based on the service-oriented architecture, as well as the relevant open interfaces in the system.

YD/T 4745-2024 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:

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 4738-2024 - Technical requirements for 5G mobile communication networks to support time-sensitive networking (TSN) (Phase I)

YD/T 4736-2024 - Technical requirements for 5G mobile communication network positioning system terminal equipment (Phase I)

YD/T 4735-2024 - Technical requirements for base station equipment of 5G mobile communication network positioning system (Phase I)

5 Classification and status

International classification (ICS): 33.060

Chinese Standard Classification (CCS): M 36

Prefix YD/T: recommended standard.

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