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ICS 35.030
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YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4956-2024

5G core network security technical requirements for hybrid private network mode

混合专网模式的5G核心网安全技术要求

(English Translation)

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

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 4956-2024 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 security technical requirements for the 5G core network in the hybrid private network mode, mainly including the deployment technical requirements of the sinking network elements in terms of physical security, network security, data security, etc., and clarifies the security control requirements between the sinking network elements and the 5G core network. This standard applies to the construction, deployment and operation of the 5G core network in the hybrid private network mode.

YD/T 4956-2024 falls under ICS 35.030, in the field of information technology.

This catalogue holds 725 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 47325-2026 - Security technical requirements and test methods for over-the-air updates in the internet of vehicles

GB/T 47324-2026 - Cybersecurity protection requirements for internet of vehicles platforms

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

YD/T 4955-2024 - Security technical requirements for service enabling architecture layer for vertical industries

YD/T 4953-2024 - Technical requirements for shared security of 5G digital cellular mobile communication radio access networks

YD/T 4952-2024 - Guidelines for the Security Management of Telecommunications Network and Internet Data Cooperation

5 Classification and status

International classification (ICS): 35.030

Chinese Standard Classification (CCS): M 10

Prefix YD/T: recommended standard.

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