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ICS 35.03
CCS M10

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4656-2024

Technical requirements for national commercial cryptographic algorithms for remote configuration of SIM cards

面向SIM卡远程配置的国家商用密码算法技术要求

(English Translation)

Issued on: March 29, 2024 **Implemented on: July 1, 2024**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 4656-2024 was issued by Ministry of Industry and Information Technology on 29 March 2024 and has been in force since 1 July 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 technical requirements for remote SIM configuration for consumer electronic devices when using national commercial cryptographic algorithms, that is, the technical requirements for various roles in the ecological environment after adding national cryptographic algorithms to the eUICC ecological environment. This standard is applicable to the development of eUICC, CI, devices supporting LAd, SM-DP+ and SM-DS that support national cryptographic algorithms.

YD/T 4656-2024 falls under ICS 35.03, 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 6017.4-2026 - The capability evaluation system of cyber security products - Part 4: Security products testing methods based on deployment methods

YD/T 4666-2024 - Technical requirements for interoperability of video ringback tone services

YD/T 4665-2024 - Overall technical requirements for interoperability of 5G messaging services among different operators

5 Classification and status

International classification (ICS): 35.03

Chinese Standard Classification (CCS): M 10

Prefix YD/T: recommended standard.

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