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ICS 33.030
CCS M10

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4090-2022

General Technical Requirements for Mobile Payment QR Code Trusted Service System

面向移动支付二维码可信服务系统总体技术要求

(English Translation)

Issued on: September 30, 2022

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-4090-2022

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1 Foreword

YD/T 4090-2022 was issued by Ministry of Industry and Information Technology on 30 September 2022.

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 structure of the trusted service system for QR code payment, authentication and information release in the mobile Internet industry, the functions and business processes of the trusted service system, and provides detailed definitions of interfaces and parameters. This standard applies to mobile Internet companies building QR code trusted service systems for mobile payment and operating QR code payment, authentication and information release products. Related business access service systems that provide QR code services must comply with the requirements of this standard.

YD/T 4090-2022 falls under ICS 33.030, 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:

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 4097-2022 - Internet of things information model general framework

YD/T 4091-2022 - Mobile Internet Online Enterprise Information Service (Yellow Pages) Business Technical Requirements

5 Classification and status

International classification (ICS): 33.030

Chinese Standard Classification (CCS): M 10

Prefix YD/T: recommended standard.

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