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ICS 35.030
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YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6013-2024

Technical requirements for C-V2X vehicle networking certification and authorization system

C-V2X车联网认证授权系统技术要求

(English Translation)

Issued on: October 24, 2024 **Implemented on: February 1, 2025**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 6013-2024 was issued by Ministry of Industry and Information Technology on 24 October 2024 and has been in force since 1 February 2025.

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 the cellular vehicle-to-everything (C-V2X) equipment authentication and authorization system, including system architecture, equipment authentication and authorization system security requirements, equipment authentication and equipment authorization process. This standard is applicable to the design, development, testing, application and deployment of the C-V2X vehicle-to-everything equipment authentication and authorization system.

YD/T 6013-2024 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:

YD/T 3746-2020 - Specification of internet of vehicle information service - User personal information protection

GB/T 28826.2-2020 - Information technology-Common biometric exchange formats framework-Part 2:Procedures for the operation of the biometric registration authority

GB/T 31071-2014 - General science and technology infrastructure-Principles and methods for conformance testing

YD/T 6642-2026 - Industrial Internet - Technical requirements of assets identification

YD/T 4405.7-2026 - Medical cloud computing assessment method - Part 7: Artificial intelligence applications

YD/T 6014-2024 - Technical requirements for the application of cryptographic technology in vehicle-road cooperative communication

5 Classification and status

International classification (ICS): 35.030

Chinese Standard Classification (CCS): L 70

Prefix YD/T: recommended standard.

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