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ICS 35.020
CCS L70

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4915-2024

Overall technical requirements for IoT object models

物联网物模型总体技术要求

(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-4915-2024

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1 Foreword

YD/T 4915-2024 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, functional technical requirements, and data model of the IoT object model. This standard applies to the interaction and communication between IoT devices and platforms, and between platforms related to the object model.

YD/T 4915-2024 falls under ICS 35.020, 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.

3 About this standard

Sector: Telecommunication Industry Standard (Recommended)

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

YD/T 4925-2024 - Overall technical requirements for medical imaging cloud services based on mobile Internet

YD/T 4921-2024 - Internet-oriented medical artificial intelligence-assisted decision-making algorithm indicators and testing methods for gynecological microecology-based decision-making assistance system

5 Classification and status

International classification (ICS): 35.020

Chinese Standard Classification (CCS): L 70

Prefix YD/T: recommended standard.

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