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ICS 33.040
CCS M14

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6551-2025

Identification and resolution system for the Industrial Internet - The interface technical requirements for the recursive node

工业互联网标识解析递归节点接口技术要求

(English Translation)

Issued on: December 17, 2025 **Implemented on: April 1, 2026**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-6551-2025

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1 Foreword

YD/T 6551-2025 was issued by Ministry of Industry and Information Technology on 17 December 2025 and has been in force since 1 April 2026.

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 interoperability interface of Industrial Internet Identifier Resolution Recursive Nodes. This standard applies to the construction, operation, and use of Industrial Internet Identifier Resolution Recursive Nodes.

YD/T 6551-2025 falls under ICS 33.040, 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.

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:

YZ/T 0173-2020 - Specifications for regulatory data access of intelligent mail and parcel locker and intelligent self-express service machine

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

YD/T 1548.1-2007 - 2GHz WCDMA digital cellular mobile communication network terminal equipment testing method (second stage) - Part 1: Basic functions, operations and performance testing

YD/T 6704-2026 - Technical requirements for Mk interface of Quantum Key Distribution (QKD) network

YD/T 6438-2025 - Technical requirements for control and management of Optical Service Unit (OSU) and fine grain Optical Transport Network (fgOTN) Based OTN

5 Classification and status

International classification (ICS): 33.040

Chinese Standard Classification (CCS): M 14

Prefix YD/T: recommended standard.

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