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ICS 01.040.35
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YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6565-2025

Industrial Internet - Interconnection technical requirements for identification and resolution nodes based on software defined network

工业互联网基于软件定义网络的标识解析节点互联技术要求

(English Translation)

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

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 6565-2025 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 interconnection of identifier resolution nodes based on software-defined networks (SDNs) in the industrial internet, identifier service management, and deployment. This standard is applicable to the overall design and implementation of software-defined network-based identifier resolution node interconnection systems.

YD/T 6565-2025 falls under ICS 01.040.35, in the field of generalities, terminology and documentation.

This catalogue holds 85 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 6646-2026 - Identification and resolution system for the Industrial Internet - Technical requirements for identification registration information query

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

5 Classification and status

International classification (ICS): 01.040.35

Chinese Standard Classification (CCS): L 70

Prefix YD/T: recommended standard.

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