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ICS 35.040
CCS L71

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6555-2025

Identification and resolution system of Industrial Internet - General interworking requirements for manufacturing execution system

工业互联网标识解析MES系统对接通用要求

(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 6555-2025 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 general requirements for the interface between the MES system and the Industrial Internet Identifier Resolution System, including the reference architecture of the interface module, interface requirements, functional requirements, security requirements, and data interaction process. This standard applies to the design, development, and maintenance of applications with the ability to interface with MES systems and Industrial Internet Identifier Resolution nodes.

YD/T 6555-2025 falls under ICS 35.040, 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:

GB 18030-2022 - Information technology - Chinese coded character set

GB/T 37036.1-2018 - Information technology-Biometrics used with mobile devices-Part1: General requirement

GB/T 17710-2008 - Information technology -- Security technique -- Check character systems

YD/T 7413-2026 - Identification and resolution system for Industrial Internet-data escrow technical requirements

YD/T 6939-2026 - Smart multifunctional pole (tower) and related equipment Identification and coding specification for BeiDou grid location code

YD/T 6738-2026 - The technical requirements of video service multicast capability opening - multicast media gateway

5 Classification and status

International classification (ICS): 35.040

Chinese Standard Classification (CCS): L 71

Prefix YD/T: recommended standard.

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