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ICS 35.240.50
CCS L07

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6632.1-2025

Federated machine learning system for industrial scenarios - Part 1: Reference architecture

面向工业场景的联邦机器学习系统第1部分：参考架构

(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-6632-1-2025

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1 Foreword

YD/T 6632.1-2025 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 requirements for emergency communication scenarios and needs, network architecture, functions, performance, rear command communication systems, field command communication systems, and field mobile communication systems in mountainous and densely forested areas. This standard applies to the research and development of emergency communication equipment and the construction of emergency communication systems in mountainous and densely forested areas.

YD/T 6632.1-2025 falls under ICS 35.240.50, 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/T 6113.201-2018 - Specification for radio disturbance and immunity measuring apparatus and methods -- Part 2-1: Methods of measurement of disturbances and immunity -- Conducted disturbance measurements

YD/T 983-2013 - Limits and methods of measurement of electromagnetic compatibility of telecommunicatin power supply equipment

YD/T 6947-2026 - Artificial intelligence - Key foundational technology - Capability requirements for large model training and inference cluster systems

YD/T 6771-2026 - Artificial intelligence - Key fundamental technologies - Dataset quality requirements and evaluation methods for embodied artificial intelligence

YD/T 6650-2026 - Industrial internet - Parks network - 5G application scenarios and technical requirements

5 Classification and status

International classification (ICS): 35.240.50

Chinese Standard Classification (CCS): L 07

Prefix YD/T: recommended standard.

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