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ICS 33.040
CCS M30

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6099-2024

Digital Twin Network - Intermediate system to intermediate system (ISIS) twin simulation capability requirements

数字孪生网络 中间系统到中间系统（ISIS）孪生体模拟能力要求

(English Translation)

Issued on: October 24, 2024 **Implemented on: February 1, 2025**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 6099-2024 was issued by Ministry of Industry and Information Technology on 24 October 2024 and has been in force since 1 February 2025.

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 simulation capability requirements of the intermediate system to intermediate system (ISIS) twins in the digital twin network, performs functional segmentation of the ISIS twin simulation capability, and proposes functional requirements for each simulation capability. This standard applies to the design and description of the simulation capability of the ISIS twins in the digital twin network.

YD/T 6099-2024 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.

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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 3710-2020 - Test methods of message layer of LTE-based vehicular communication

YD/T 2879-2026 - Synchronization OAM technical requirements based on packet network

YD/T 6091.2-2025 - Technical requirements and test methods for game peripheral device of mobile intelligent terminal - Part 2: headset

YD/T 6091.1-2024 - Technical requirements and test methods for mobile intelligent terminal gaming peripherals - Part 1: Portable radiators

5 Classification and status

International classification (ICS): 33.040

Chinese Standard Classification (CCS): M 30

Prefix YD/T: recommended standard.

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