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ICS 33.030
CCS M30

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 3977-2021

Enhanced V2X business application layer interaction data requirements

增强的 V2X 业务应用层交互数据要求

(English Translation)

Issued on: December 2, 2021 **Implemented on: April 1, 2022**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 3977-2021 was issued by Ministry of Industry and Information Technology on 2 December 2021 and has been in force since 1 April 2022.

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 enhanced V2X business application layer interaction data requirements, including enhanced V2X business application architecture and its components, enhanced scenarios and business flows, enhanced business requirements for communication systems, and enhanced business application layer interaction data requirements. This standard applies to wireless communication systems and V2X application systems that support V2X enhanced business applications.

YD/T 3977-2021 falls under ICS 33.030, 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 3980-2021 - Technical requirements and test methods for cold-plate liquid-cooled server systems in data centers

YD/T 3979-2021 - Technical requirements and test methods for submerged liquid-cooled server systems in data centers

YD/T 3978-2021 - High-level autonomous driving data interaction content based on vehicle-road collaboration

5 Classification and status

International classification (ICS): 33.030

Chinese Standard Classification (CCS): M 30

Prefix YD/T: recommended standard.

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