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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/Z 41297-2022

**General technical requirements for tourism informatization
service based on M2M technology**

基于M2M技术的旅游信息服务总体技术要求

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Table of Contents

- 1 Scope
- 2 Normative references
- 3 Terms and Definitions
- 4 Abbreviations

Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for Standardization Work Part

1. Structure and Drafting Rules of Standardization Documents" drafted. Please note that some content of this document may be patented. The issuing agency of this document assumes no responsibility for identifying patents. This document is proposed by the Ministry of Industry and Information Technology of the People's Republic of China. This document is under the jurisdiction of the National Communication Standardization Technical Committee (SAC/TC485). This document is drafted by: ZTE Corporation, China Academy of Information and Communications Technology, China Telecom Corporation, China United Network Communication Group Corporation, Datang Telecom Technology Industry Group. The main drafters of this document. Yang Kun, Wu Hao, Wu Chuanxi, Wang Yaying, Du Jiadong, Lu Xuhai, Wang Pingping, Zhao Meng, Liu Minghui, Zhang Ni, Xu Hui. The overall tourism information service based on M2M technology skills requirement

1 Scope

GB/Z 41297-2022 is the Chinese national standard on general technical requirements for tourism informatization service based on m2m technology, in the field of telecommunications and audio-video engineering. The /Z suffix marks it as a guiding technical document: it does not prescribe requirements that can be certified against, but sets out the technique, the method or the state of the art that the standards bodies recommend following. It was issued on 9 March 2022 by the State Administration for Market Regulation; Standardization Administration of China. As a guiding technical document it carries no separate date of entry into force: it applies from publication. Classification: ICS 33.060.01, CCS M36. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This document specifies the general technical requirements for tourism information

services based on M2M technology, including M2M services for the tourism industry. Service definition, system architecture, module function, system process, performance and security system, etc. This document is applicable to the travel information service business based on M2M technology.

2 Normative references

The contents of the following documents constitute essential provisions of this document through normative references in the text. Among them, dated citations documents, only the version corresponding to that date applies to this document; for undated references, the latest edition (including all amendments) applies to this document. YD/T 2398-2012 General technical requirements for M2M business

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 TourismM2MterminaltourismM2Mterminal It has the ability to communicate with the M2M business platform, and can interact with the M2M business platform to provide various types of tourism M2M applications. business data, can complete various remote monitoring and control operations performed by the M2M business platform, and have the ability to receive the M2M business platform remote Command, local fault alarm, data communication, remote upgrade, data statistics and other functions, and load and run corresponding applications and travel M2M The application system realizes the terminal equipment of business communication interaction.

3.2 For some tourism M2M applications such as a large number of tourism M2M terminals, a large amount of business data forwarding, and high real-time requirements The built tourism M2M terminal local area network.

3.3 tourismM2MgatewaytourismM2Mgateway It has the ability to communicate with the M2M business platform, including tourism M2M terminal access, tourism M2M application access, tourism M2M industry It has functions such as service data routing, and can complete the message forwarding between the M2M service platform and the tourism M2M terminal, and is compatible with the M2M service platform. It is a terminal device with functions such as link maintenance between M2M and tourism, as well as direct forwarding of business data in the M2M stub network domain.

4 Abbreviations

The following abbreviations apply to this document.