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

GB/T 26875.2-2026

Replacing GB/T 26875.2-2011

**Remote monitoring system for urban fire protection - Part 2:
Functional requirements for communication service software**

城市消防远程监控系统 第2部分：通信服务软件功能要求

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Table of Contents

- 2 Functional Requirements of Communication Service Software
- 4 Functional Requirements
- 5 Conformity Assessment

Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1. Structure and Drafting Rules of Standardization Documents". Drafting. This document is Part 2 of GB (T) 26875 "Urban Fire Remote Monitoring Systems". GB (T) 26875 has the following published... part.

- 1. General Technical Requirements;
 - 2. Functional Requirements for Communication Service Software;
 - 3. Alarm Transmission Network Communication Protocol;
 - 4. Basic Data Items;
 - 5. Software Functional Requirements;
 - 6. Functional Requirements for Information Management Software;
 - 7. Functional Requirements for Fire Protection Facility Maintenance and Management Software;
 - 8. Monitoring Center External Data Exchange Protocol;
 - 9. User Information Transmission Device;
 - 10. Requirements for fire protection facility information collection devices and interfaces.
- This document replaces GB/T 26875.2-2011 "Urban Fire Remote Monitoring System - Part 2. Functional Requirements of Communication Server Software". Compared with GB/T 26875.2-2011, the main technical changes in the "Requirements" document are as follows, apart from structural adjustments and editorial modifications.
- a) The scope has been changed (see Chapter 1, Chapter 1 of the 2011 edition); (b) Added requirements for automatic data and communication logging (see 4.2a, 4.3, 4.5, 4.10);

2 Functional Requirements of Communication Service Software

1.Scope This document specifies the functional requirements and compliance evaluation of the communication service software of the application support platform in urban fire remote monitoring systems. This document applies to the communication service software (hereinafter referred to as "the software") of the application support platform in the urban fire remote monitoring system (hereinafter referred to as "the System"). The design, development and testing of "software".

4 Functional Requirements

4.1 After the software is run or logged in, it should automatically enter normal working status.

4.2 The software should be able to communicate with the user information transmission device in accordance with the communication protocol specified in GB/T 26875.3 and perform the following functions.

- a) Receive and record information upload data sent by the user information transmission device, and forward it to the service agent or other platforms within the system. The uploaded data should comply with the provisions of GB/T 26875.3;
- b) Address the user information transmission device and send the information query data and control command data to the corresponding user information transmission device. The device, information query data, and control command data shall comply with the provisions of GB/T 26875.3.

4.3 The software shall communicate with the integrated fire protection facility information acquisition device in accordance with the communication protocol specified in GB/T 26875.10, and receive data. The system records the operational status information of fire protection facilities sent by the integrated fire protection facility information collection device and forwards it to the reception desk or other units within the system. platform.

4.4 The software should be able to monitor the application support platform and user information transmission devices, integrated fire protection facility information collection devices, reception seats, and their... The system should be able to record and notify the agent or other personnel within the system when the communication connection status of the terminal device changes. platform.

4.5 The software should be able to receive and record fire alarm signals sent by user information transmission devices or integrated fire protection facility information collection devices via a backup link. Information on the operational status of the protection facilities is transmitted and forwarded to the customer service representative or other platforms within the system.

4.6 The software shall be able to share and exchange data with other systems or platforms outside the system in accordance with the provisions of GB/T 26875.8.

4.7 The software should have confirmation prompts for parameter configuration, exit, and other operations.

4.8 The software should be able to automatically record and query startup and exit times.

4.9 The software interface should meet the following requirements.

- a) Display in Chinese;
- b) Displays the connection status between the application support platform and the customer service agent or other platforms within the system;
- c) Display date and time information.

5 Conformity Assessment

5.1 The user documentation for the software shall comply with the provisions of

5.2 in GB/T 25000.51-2016.

5.2 Conduct a conformity assessment of the software according to the requirements of Chapter 7 of GB/T 25000.51-2016, and verify whether the software's functions comply with Chapter 4. The provisions of the chapter.