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

GB/T 17917-2025

Replacing GB/T 17917-2008

**Requirements for basic functions of management information
system of retail enterprise**

零售企业管理信息系统基本功能要求

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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 supersedes GB/T 17917-2008 "Basic Functional Requirements for Management Information Systems of Retail Enterprises" and is consistent with GB/T 17917-2008. Compared to previous versions, aside from structural adjustments and editorial changes, the main technical changes are as follows:

---Added "Terms and Definitions" section (see Chapter 3);

---The content of the "General Requirements" has been revised, and relevant content from the.2008 version has been incorporated after modifications (see Chapter 4, Section 2 of the.2008 version). (Chapters

---The content of "Master Data Module Functional Requirements" has been changed (see Chapter 5,

3.1 of the.2008 edition);

---Added content on "Functional Requirements for Operation Modules" and incorporated relevant content from the.2008 version (see Chapter 6);

---Added content on "Functional Requirements for the Operations Support Module" and incorporated relevant content from the.2008 version (see Chapter 7);

---Added content on "Verification Methods" (see Chapter 8). Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents. This document was proposed and is under the jurisdiction of the National Technical Committee on Standardization of Wholesale and Retail Markets (SAC/TC438). This document was drafted by: China General Chamber of

Commerce, Duodian Life (China) Network Technology Co., Ltd., and Shanghai Haiding Information Engineering Co., Ltd. Limited Liability Company, China Southern Power Grid Internet Service Co., Ltd., New Consumption (Beijing) Planning Institute Co., Ltd., Tianhong Digital Technology Commercial Co., Ltd., Chengdu Baby World Co., Ltd. The main drafters of this document are. Li Xiangbo, Zhang Feng, Jiang Zuoliang, He Wen, Zhu Yumei, Hao Chunqiang, Liu Fangyuan, Shen Yang, Zheng Man, and Tang Haibin. Xu Hongxu, Jin Xiaolei, Chen Pinzhu, Tang Lei. The release history of this document and the document it replaces is as follows:

---First published in.1999 as GB/T 17917-1999, and revised for the first time in.2008;

---This is the second revision. Basic Functional Requirements of Retail Enterprise Management Information System

1 Scope

GB/T 17917-2025 is the Chinese national standard covering what a retail management system has to do - the item and price master data, the point of sale and the promotions, the inventory and replenishment, the supplier settlement and the reporting, and the interfaces to payment and to the tax system. It replaces GB/T 17917-2008, under the Ministry of Commerce. In force from 1 February 2026. Issued on 5 October 2025, it has been in force since 1 February 2026, replacing GB/T 17917-2008.

This document specifies the general requirements for retail enterprise management information systems, including the functional requirements for the master data module, the functional requirements for the operations module, and the operations... Support module functional requirements and verification methods, etc. This document applies to the construction, testing, and acceptance of management information systems for retail enterprises.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB/T 18184 Terminology for Commercial Automation

GB/T 22239 Information Security Technology - Basic Requirements for Network Security Level Protection

GB/T 29765 Information Security Technology - Technical Requirements and Test Evaluation Methods for Data Backup and Recovery Products

GB/T 34998 Technical Requirements for Mobile Terminal Browser Software

GB/T 35273 Information Security Technology - Personal Information Security Specification

GB/T 41479 Information Security Technology - Security Requirements for Network Data Processing

3 Terms and Definitions

The terms and definitions defined in GB/T 18184 and the following terms and definitions apply to this document.

3.1 It consists of functional modules covering various business operations of retail enterprises, and each module can be upgraded independently or integrated with third-party software for use in retail. Information system for sales enterprise management.

3.2 Master data masterdata;MD Within retail enterprises, key relationships are repeatedly used across various business units, exist long-term, are applied in multiple systems, and reflect the status of core business operations. Key data.

3.3 threshold value The minimum input value that can generate a corrective action in an automatic control system.

3.4 Retail enterprises use information technology to achieve data sharing and system integration between the finance and business departments, thereby integrating financial management with... A management philosophy and approach that organically integrates business operations.