

ICS 35.240

CCS L 67



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

GB/T 23002-2017

**Integration of informatization and industrialization management
systems - Implementation guidance**

信息化和工业化融合管理体系 实施指南

Issued on: November 1, 2017

Implemented on: November 1, 2017

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine;
Standardization Administration of the PRC**

Table of Contents

- 1 Scope
- 2 Normative references
- 3 Terms and definitions
- 4 Sustainable competitive advantage

Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009. This standard is proposed and managed by the Ministry of Industry and Information Technology of the People's Republic of China. This standard was drafted by the Ministry of Industry and Information Technology Institute of Electronic Science and Technology Information, China Enterprise Confederation, Ministry of Industry and Information Technology Product Reliability and Environmental Testing Institute, China Information and Communication Research Institute, Ministry of Industry and Information Technology Electronics Industry Standardization Institute, Tsinghua University University, Beijing Institute of Machinery Industry Automation, Enterprise Information Technology Promotion Association of Zhejiang Province, UFIDA Network Technology Co., Ltd., Xuzhou Engineering Machinery Machinery Group Co., Ltd., Weichai Power Co., Ltd., Chengde Branch of River Steel Co., Ltd., Wuxi City, the first cotton textile mill, Wu Zhongyi Table limited liability company. The main drafters of this standard. Zhou Jian, Zhang Wenbin, Zhao Guoxiang, Zheng Yongliang, Yu Xiu Ming, Li Qing, Chen Jie, Song Maoen, Liu Yin, Li Jun, Li Xiaodong, Wang Zhilin, Wang Tao, Liu Rongmeng, Zhou Yi, Zhou Ping, Cao Zhiyue, Zhang Qiliang, Xiao Linlin, Guo Li, Yang Baogang, Li Zhongfu, Fu Zheng, Chen Xi, Ding Huizhen, Dou Wei, Ma Dongyan, Tao Zheng, Ling Dabing, Li Junhong, Li Liang, Sun Jie Xiang, Luo Hao, Guo Wei, Qiu Jun down, Dou Keqin.

Information and industrialization (hereinafter referred to as the integration of two) management system standards include a series of standards and terminology, requirements, implementation guidelines, evaluation Assessment of norms, review guidelines, etc., together constitute a group of closely related standard family, can guide all types of organizations to establish, implement, maintain and improve the two Integration management system, but also for the parties concerned to evaluate the conformity and effectiveness of the two organizations integrated management system. In order to guide the application of the system, we can further develop the key content and framework of the two integrated management systems, the standards of the methods and tools, According to different industries or different areas of the characteristics and needs of the development of taxonomy, and gives the relevant reference model. This standard describes the two

integrated management system, a common guideline, guidance methods and implementation proposals, the relevant provisions of the supplementary explanation Description. Information and industrial integration management system Implementation guide

1 Scope

China's national implementation guidance for the management system for the integration of informatization and industrialization. It gives general guidance on how an organisation fulfils the requirements of that management system and supplementary explanation of the provisions of GB/T 23001-2017, without adding to, reducing or modifying those requirements. That last clause is the point of the document and it is stated explicitly for a reason. In a certifiable management system the requirements standard has to be short and abstract, because it must apply to an enterprise of any size in any industry, and an auditor may only audit against what it actually says. But an abstract requirement is also the hardest thing to implement, and organisations meeting one for the first time reliably interpret it either too narrowly, producing documents that satisfy an audit and change nothing, or too broadly, producing a project far larger than the requirement intended. Guidance closes that gap - and it must do so without becoming a requirement itself, because guidance that is audited is a requirement that was never voted on. So this part walks through the clauses of GB/T 23001 in order and explains, for each, what the requirement is aiming at, what an organisation typically has to do to meet it, what evidence usually demonstrates it, and where the common misreadings lie. It is the practical companion to the requirements: the document an implementation team works from, while the auditor works from GB/T 23001 and the vocabulary comes from GB/T 23000. Issued and in force since 1 November 2017.

This standard gives a general guideline for organizing the fulfillment of the requirements of the management information system and industrialization (hereinafter referred to as the integration of two systems) Guidance methods and the implementation of the proposed GB/T 23001-2017 supplementary explanation of the relevant provisions, but do not increase, reduce or modify Claim. This standard applies to any size, type and nature of the organization used to help organize the scientific and effective establishment, implementation, maintenance and improvement of the two Integration of management system to ensure the realization of new capacity goals; for the development of two integrated management system of organizations, to provide relevant advice and training And assess the service personnel and institutions, and to develop relevant standards for reference.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article Pieces. For undated references, the

latest edition (including all amendments) applies to this document.

GB/T 23000-2017 Information and industrial integration management system foundation and terminology

GB/T 23001-2017 Information and industrial integration management system requirements

GB/T 23020-2013 industrial enterprises informatization and industrialization integration assessment norms

3 Terms and definitions

GB/T 23000-2017 defined terms and definitions apply to this document.

4 Sustainable competitive advantage

4.1 General Under the background of the current information revolution, organizations urgently need to comply with the new trends, seize new opportunities and form a system that covers all members, all factors and the entire process, All-round management of new models, which led the organization's strategic transformation and change, to achieve sustainable development. GB/T 23001-2017 provisions of the two integrated management system designed to guide the organization to continuously promote the strategic cycle, the elements of recycling and management Cycle, so as to establish the management mode under the background of the integration of two cultures so as to constantly create new capabilities and acquire sustainable competitive advantages.

4.2 identify the organization's internal and external environment The organization shall identify, analyze and determine the internal and external environment to make institutionalized arrangements and clarify the relevant responsibilities, processes, timing, frequency and parties Law and so on. The analysis of internal and external environmental information should be comprehensive, timely and accurate to dynamically optimize the organization's strategy, a clear differentiation of sustainable competition Advantage.