

ICS 35.240
CCS L 67



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

GB/T 45403-2025

Digital supply chain - Maturity model

数字化供应链 成熟度模型

Issued on: March 28, 2025

Implemented on: July 1, 2025

**Issued by: State Administration for Market Regulation;
Standardization Administration of the PRC**

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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 for standardization documents" Drafting is required.

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This document was 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 Technical Committee for Standardization of Information and Industrialization Integration Management (SAC/TC 573).

This document was drafted by: National Industrial Information Security Development

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Co., Ltd., Beijing Saisheng Technology Co., Ltd., Guangzhou CESI Certification Center Service Co., Ltd., Building Materials Industry Information Center, China Light Industry Enterprise Industry Management Association, China National Textile and Apparel Council, China Quality Certification Center, Shanghai Quality Management Science Research Institute, Shandong Information Technology Industry Association Industry Development Research Institute, Beijing Junyou Integrity Testing and Certification Co., Ltd., Huawei Technologies Co., Ltd., Midea Group Co., Ltd., ZTE Communications Co., Ltd., Kaos Digital Technology (Shanghai) Co., Ltd., UFIDA Network Technology Co., Ltd., Tsinghua University, Inner Mongolia University of Science and Technology, Kunlun Digital Intelligence Technology Co., Ltd., Beijing Dipu Technology Co., Ltd., State Energy Group Materials Co., Ltd., Guangdong Electric Power Guangzhou Power Supply Bureau, Industrial Cloud Manufacturing (Sichuan) Innovation Center Co., Ltd., Kweichow Moutai Co., Ltd., Dong'e Ejiao Co., Ltd., Infinitus (China) Co., Ltd., Xinjiang Huiding Logistics Co., Ltd., China Railway Materials Group Co., Ltd., Pangu Yunlian (Tianjin) Digital Technology Co., Ltd., Wuhan Huagong Saibai Data System Co., Ltd., Huagong Technology Industry Co., Ltd., National China Power Grid Co., Ltd., China Southern Power Grid Co., Ltd., China Electricity Council Technology Service Center Co., Ltd., State Grid Corporation of China Co., Ltd., State Grid Shaanxi Electric Power Co., Ltd., Dongguan Aolei Mobile Lighting Equipment Co., Ltd., Dalian Shengguang Technology Development Co., Ltd.

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Introduction

Future market competition will not only be competition between individual enterprises, but also competition between industrial chains and supply chains.

With the deep integration with the industry, the supply chain is accelerating its transformation to digitalization, and a comprehensive and systematic change has taken place from the underlying logic to the top-level architecture.

Its system structure has evolved from "chain" to "network", and its strategic goal has changed from economic benefit growth to overall supply chain value creation.

The model has changed from business-driven to data-driven, and the technical means have upgraded from a single enterprise's supply chain management system to an integrated digital platform across enterprises.

The digital supply chain is a new form of supply chain. Enterprises design, build and manage digital supply chains generally follow the current situation assessment, gap assessment and The general process of analysis, strategy formulation, action plan establishment, operation implementation and continuous optimization. However, in the specific process, there are also challenges in building the target The lack of clear standards, implementation plans, and level identification criteria, as well as the difficulty in quantitative evaluation of overall effectiveness, have seriously restricted the company's The industry is advancing the pace of digital transformation and upgrading of the supply chain.

The formulation of this document can effectively guide enterprises to use maturity evaluation as a means to identify pain points, grasp development priorities, and create efficient, The flexible and controllable digital supply chain system can also provide reference for relevant research institutions to carry out research related to digital supply chain, which is of great significance to promoting The digital transformation and upgrading of the industry is of great significance.

Digital Supply Chain Maturity Model

1 Scope

This document establishes the construction principles of the digital supply chain maturity model and stipulates the composition, maturity and The maturity levels, assessment domains and assessment subdomains, and digital supply chain maturity requirements are summarized in this article.

This document is applicable to enterprises in their digital supply chain maturity assessment, system design, capacity building and improvement.

It provides reference for scientific research institutes, third-party service providers, etc. that conduct theoretical research, consulting services, and solution development for digital supply chains.

2 Normative references

GB/T 23050

3 Terms and definitions

The terms and definitions defined in GB/T 23050 and the following apply to this document.

3.1 Digital supply chain

In the digital environment, we should focus on customers (consumers), value creation, data-driven and platform-based.

The supply chain partners, such as suppliers, manufacturers, service providers, distributors and customers (consumers), are now connected in multiple lines, with data, materials and resources A new form of supply chain with efficient collaboration and flexible configuration such as gold.

4 Abbreviations

The following abbreviations apply to this document.

CRM. Customer Relationship Management ERP. Enterprise Resource Planning SRM. Supplier Relationship Management WMS. Warehouse Management System

5.1 Scientificity

Accurately describe and objectively evaluate the key capabilities and operational levels of the enterprise's digital supply chain to effectively support the digital supply chain Evaluation, analysis, diagnosis and improvement of levels and capabilities.