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**Industrial Internet platform-Application and implementation  
guide-Part 4: Networked collaboration**

工业互联网平台 应用实施指南 第4部分：网络化协同

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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 is Part 4 of GB/T 23031 "Industrial Internet Platform Application Implementation Guide": GB/T 23031 has been released The following parts:

- Part 1: General provisions;
- Part 2: Digital Management;
- Part 3: Intelligent Manufacturing;
- Part 4: Networked collaboration;
- Part 5: Personalization;
- Part 6: Service-oriented extension:

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## Introduction

As a product of the deep integration of new generation information technology and manufacturing industry, the industrial Internet platform achieves all elements of industrial economy and all industries:

The comprehensive connection of the entire value chain and the entire value chain supports the digital, networked, and intelligent transformation of the service manufacturing industry, and continuously promotes the creation of new models, new business formats, and new products:

Industry: At present, China's industrial Internet platform has entered a period of accelerated development: The depth and breadth of platform applications are constantly increasing: Enterprises generally start from digital management:

Build a development model based on the industrial Internet platform in terms of management, intelligent manufacturing, networked collaboration, personalized customization, service extension, etc:

It is of great significance in accelerating the digital transformation, upgrading and innovative development of enterprises: However, there are common problems in the process of

enterprise application and implementation of industrial Internet platforms:

Facing problems such as irregular processes, unclear paths, and unclear methods, it is urgent to grasp the basic common laws of industrial Internet platform application and implementation, and research Formulated into a series of standards for industrial Internet platform application implementation guidelines to provide standardized, operable, and easy-to-promote implementation of industrial Internet platform applications:

Guidance from a wide range of methods will accelerate the pace of digital transformation in the manufacturing industry: GB/T 23031 "Industrial Internet Platform Application Implementation Guide" aims to provide An implementation methodology for applying industrial Internet platforms and constructing innovative development models is planned to consist of six parts:

- Part 1: General principles: The purpose is to establish a universal method for enterprise application and implementation of industrial Internet platform, and propose the industrial Internet The main tasks and key steps of platform application implementation:
- Part 2: Digital Management: The purpose is to give the specific capability requirements of digital management for industrial Internet platforms and clarify the The service content and application methods of the industrial Internet platform required for the construction of a new digital management development model:
- Part 3: Intelligent Manufacturing: The purpose is to give the specific capability requirements of intelligent manufacturing for industrial Internet platforms and clarify the The service content and application methods of the industrial Internet platform required for the construction of a new development model of energy and chemical manufacturing:
- Part 4: Networked collaboration: The purpose is to give the specific capability requirements of networked collaboration for the industrial Internet platform and clarify the network The service content and application methods of the industrial Internet platform required for the construction of a new model of networked collaborative development:
- Part 5: Personalization: The purpose is to provide specific capability requirements for industrial Internet platforms for personalized customization, and to clarify individual The service content and application methods of the industrial Internet platform required for the construction of a new model of personalized customization development:
- Part 6: Service-oriented extension: The purpose is to provide the specific capability requirements for the industrial Internet platform for service-oriented extension and clarify the service requirements:

The service content and application methods of the industrial Internet platform required to build a new model of service-oriented extension development:

Industrial Internet Platform Application Implementation Guide Part 4: Networked