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Industrial Internet platform-Application and implementation guide-Part 5: Customization

工业互联网平台 应用实施指南 第5部分：个性化定制

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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 5 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 its application are constantly increasing: Enterprises generally focus on digital management and intelligent management:

Building a development model based on the industrial Internet platform in terms of energy-based manufacturing, networked collaboration, personalized customization, and service-oriented extension is crucial to accelerating the The digital transformation,

upgrading and innovative development of enterprises are of great significance: However, enterprises generally face problems when applying and implementing industrial Internet platforms:

Problems such as non-standardization, unclear paths, and unclear methods require an urgent need to grasp the basic common laws of industrial Internet platform application and implementation, and develop and form The Industrial Internet Platform Application Implementation Guide series of standards provide standardized, operable, and easy-to-promote methods for the implementation of Industrial Internet platform applications:

Guided by laws and regulations, we will accelerate the pace of digital transformation in the manufacturing industry: GB/T 23031 "Industrial Internet Platform Application Implementation Guide" aims to provide a set of application The implementation methodology for using the industrial Internet platform to build 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: