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**Intelligent manufacturing-Network collaborative
manufacturing-Bussniess architecture and information model**

智能制造 网络协同制造 业务架构与信息模型

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Foreword

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Intelligent manufacturing network collaborative manufacturing business architecture and information model

1 Scope

This document specifies the business architecture, business activities and information model of network collaborative manufacturing:

This document is suitable for guiding manufacturing companies, intelligent manufacturing system solution providers and network collaboration platform providers to achieve network collaboration:

Manufacturing planning and construction:

2 Normative reference documents

This document has no normative references:

3 Terms and definitions

The following terms and definitions apply to this document: 3:1 Utilize network technology and information technology to realize product design and development within the enterprise and between upstream and downstream enterprises in the supply chain through resource sharing:

A manufacturing model in which production, logistics, sales, service and other activities work together: 3:2 demander demander A business entity that proposes specific manufacturing needs for product design, production, logistics, sales, and services: 3:3 collaborators One or more business entities that work together to complete a specific task: 3:4 platform provider platform provider A business entity that utilizes software and hardware system resources to provide a third-party operating support environment and related guarantees for network collaborative manufacturing business: 3:5 dynamicalliancedynamicalliance As the task is adjusted or ended, specific tasks are created for the completion of network collaboration, and the organization is jointly participated by demanders and collaborators:

Note: Dynamic alliances can be dynamically adjusted or ended based on specific tasks: 3:6 alliance organizer allianceorganizer The business established by consensus among the participants and taking the lead in organizing and carrying out the main work of the dynamic alliance in network collaborative manufacturing tasks entity:

Note: The basis for consensus among event participants is the alliance charter, usually the demander or the collaborator designated by the demander: