
**Industrial automation systems and
integration - Product data
representation and exchange -**

**Part 4000:
Core model**

*Systèmes d'automatisation industrielle et intégration - Représentation
et échange de données de produits -
Partie 4000: Modèle de base*

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Abstract

This document specifies the use of the integrated resources necessary for the scope and information requirements for the Core model.

The following Core technical capabilities [CTCs] are within the scope of this document:

- Activity;
- Analysis;
- Breakdown;
- Collection;
- Common resources;
- Document management;
- Individual part;
- Interface;
- Management resources;
- Message;
- Product data management;
- Product specification and configuration;
- Representation and external element reference, including:
 - Definition and external element reference of geometric models;
 - Definition and external element reference of the topological aspects of geometric models.
- Requirement management;
- Resources;
- Task description;
- Work management.

The following are outside the scope of this document:

- Composite structural shape and structure;
- Delta change;
- Electrical harness;
- Engineering analysis processes;
- Kinematics;
- Material;
- Mating;
- Observation;
- Planned and evaluated characteristics;
- Planning and scheduling;
- Probability;
- Process plan;
- Representation of geometry and topology;
- Risk;
- Shape association and structure;
- Slot;
- Additional core technical capabilities that could be defined in relation with future Application Protocol development projects.

Installation

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