

(PREVIEW)

Indian Standard

ENTERPRISE-CONTROL SYSTEM INTEGRATION

PART 2 OBJECT MODEL ATTRIBUTES

1 Scope

This part of IEC 62264 in conjunction with IEC 62264-1, specifies generic interface content between manufacturing control functions and other enterprise functions. The Interfaces considered are the interfaces between Levels 3 and 4 of the hierarchical model defined in IEC 62264-1. The goal is to reduce the risk, cost and errors associated with implementing these interfaces.

Since IEC 62264 covers many domains and there are many different standards in those domains, the semantics of this Standard are described at a level intended to enable the other standards to be mapped to these semantics. To this end, this Standard defines a set of generic interface content elements together with a mechanism for extending those elements for implementations.

The scope of this part of IEC 62264 is limited to the definition of attributes of the IEC 62264-1 object models.

This part of IEC 62264 does not define attributes to represent the object relationships defined in IEC 62264-1.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 62264-1. *Enterprise-Control System integration - Part 1. Models and terminology*

ISO 10303-1:1994. *Industrial automation systems and Integration - Product data representation and exchange - Part 1. Overview and fundamental principles*

ISO 15704: 2000. *Industrial automation systems – Requirements for enterprise – reference architectures and methodologies*