



INTERNATIONAL STANDARD ISO 14258:1998 TECHNICAL CORRIGENDUM 1

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Industrial automation systems — Concepts and rules for enterprise models

TECHNICAL CORRIGENDUM 1

Systèmes d'automatisation industrielle — Concepts et règles pour modèles d'entreprise

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to International Standard ISO 14258:1998 was prepared by Technical Committee ISO/TC 184, *Industrial automation systems and integration*, Subcommittee SC 5, *Architecture, communications and integration frameworks*.

Page 1

Definition 2.1.1

Replace text with:

a group of organizations sharing a set of goals and objectives to offer products or services or both

Definition 2.1.2

Replace text with:

the uncontrollable part of a system which is widened to the extent that a decision-making procedure cannot be conceived for the control of such a system

Definition 2.2.3

Replace text with:

for a system, restrictions and limitations which can come from inside or outside the system under consideration; for a model, restrictions and limitations on the model imposed by the modeler for some purpose or in response to some system constraint

Definition 2.2.5

Replace text with:

a representation of what an enterprise intends to accomplish, how it operates, and, possibly, how it is organized

NOTE An enterprise model is an abstraction that identifies and represents the basic elements of an enterprise and their decomposition to any necessary degree. It is used, for example, to improve the effectiveness and efficiency of an enterprise. It also specifies the information requirements of these elements, and provides the information needed to define the requirements for integrated information systems.

Subclauses 3.1, 3.2, 3.2.1, and footnote

Change all occurrences of “systems theory” to “system theory”

Subclause 3.2.3

Change the second and third list items to read:

- manage and operate an enterprise so that it can meet its objectives, and
- support an enterprise to modify, redesign, dismantle and rebuild it.

Subclause 3.2.4

Replace text with:

To make the information captured by an enterprise model available to humans and machines, that information shall be represented either in a neutral format (preferable) or as specified by the using application.

Subclause 3.2.5

Replace text with:

Models, as representations of enterprises, shall exhibit syntax and semantics so that contents of the model are understandable to human users. The syntax of a model refers to the permissible kinds of relations. The semantics of a model encompass the meanings of the elements and relations with respect to enterprise-model concepts. The syntactic form and semantic content of a model can be different depending, for example, on the purpose of the model and on the boundary and environment of the enterprise.

Subclause 3.3

Delete “(informative)” from heading