

INTERNATIONAL STANDARD

ISO
14258

First edition
1998-09-01

Industrial automation systems — Concepts and rules for enterprise models

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



Reference number
ISO 14258:1998(E)

Contents

	Page
Foreword.....	iv
Introduction	v
1 Scope.....	1
2 Definitions	1
2.1 Definitions of enterprise concepts	1
2.2 Definitions of model concepts.....	2
3 Concepts and rules.....	2
3.1 Purpose of enterprise models (informative)	2
3.2 System theory as a basis for enterprise models	2
3.2.1 Methodologies derived from system theory (informative).....	2
3.2.2 Factors of production	3
3.2.3 Scope of enterprise models	3
3.2.4 Availability and format of model information	3
3.2.5 Semantics and syntax of an enterprise model.....	3
3.2.6 Management of constituent parts	3
3.3 Concepts for life-cycle phases (informative)	3
3.3.1 Issue-solving activities	4
3.3.2 Life cycle of systems	4
3.3.3 Recursion.....	4
3.3.4 Iteration.....	5
3.3.5 Naming	6
3.4 Hierarchy	7
3.4.1 Concepts of hierarchy (informative).....	7
3.4.2 Usages of hierarchy.....	7
3.5 Structure	7
3.5.1 Concepts of structure (informative)	7
3.5.2 Compatibility of structuring approaches	7

© ISO 1998

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

International Organization for Standardization
Case postale 56 • CH-1211 Genève 20 • Switzerland
Internet iso@iso.ch

Printed in Switzerland