

SLOVENSKI STANDARD

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Nadomešča:
SIST EN 62264-3:2007

Integracija sistemov za upravljanje podjetij - 3. del: Model aktivnosti vodenja proizvodnje (IEC 62264-3:2016)

Enterprise-control system integration - Part 3: Activity models of manufacturing operations management (IEC 62264-3:2016)

Integration von Unternehmens-EDV und Leitsystemen - Teil 3: Aktivitätsmodelle für das operative Produktionsmanagement (IEC 62264-3:2016)

Intégration du système de commande d'entreprise - Partie 3 : modèles d'activités pour la gestion des opérations de fabrication (IEC 62264-3:2016)

Ta slovenski standard je istoveten z: **EN 62264-3:2017**

ICS:

03.100.01	Organizacija in vodenje podjetja na splošno	Company organization and management in general
25.040.01	Sistemi za avtomatizacijo v industriji na splošno	Industrial automation systems in general
35.240.50	Uporabniške rešitve IT v industriji	IT applications in industry

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Enterprise-control system integration - Part 3: Activity models of manufacturing operations management (IEC 62264-3:2016)

Intégration des systèmes entreprise-contrôle - Partie 3:
Modèles d'activités pour la gestion des opérations de
fabrication
(IEC 62264-3:2016)

Integration von Unternehmensführungs- und Leitsystemen -
Teil 3: Aktivitätsmodelle für das Betriebsmanagement
(IEC 62264-3:2016)

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

EN 62264-3:2017**European foreword**

The text of document 65E/456/CDV, future edition 2 of IEC 62264-3, prepared by SC 65E "Devices and integration in enterprise systems" of IEC/TC 65 "Industrial process measurement, control and automation" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62264-3:2017.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2017-10-20
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2020-01-20

This document supersedes EN 62264-3:2007.

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The text of the International Standard IEC 62264-3:2016 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

	<u>SIST EN 62264-3:2017</u>
	https://standards.iteh.ai/catalog/standards/sist/8b7efbef-5653-4fce-a3d6-4c0e86b1-2020-01-20
IEC 61512-1	NOTE Harmonized as EN 61512-1
IEC 61512-2	NOTE Harmonized as EN 61512-2
IEC 62264-4	NOTE Harmonized as EN 62264-4

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

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

NOTE 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 62264-1	-	Enterprise-control system integration -- Part 1: Models and terminology	EN 62264-1	-
IEC 62264-2	-	Enterprise-control system integration - Part 2: Objects and attributes for enterprise- control system integration	EN 62264-2	-
ISO 22400-1	-	Automation systems and integration - Key performance indicators (KPIs) for manufacturing operations management - Part 1: Overview, concepts and terminology	-	-
ISO 22400-2	-	Automation systems and integration - Key performance indicators (KPIs) for manufacturing operations management - Part 2: Definitions and descriptions	-	-

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INTERNATIONAL STANDARD

NORME INTERNATIONALE



**Enterprise-control system integration –
Part 3: Activity models of manufacturing operations management**

**Intégration des systèmes entreprise-contrôle –
Partie 3: Modèles d'activités pour la gestion des opérations de fabrication**

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CONTENTS

FOREWORD.....	7
INTRODUCTION.....	10
1 Scope.....	11
2 Normative references	11
3 Terms, definitions and abbreviations	11
3.1 Terms and definitions.....	11
3.2 Abbreviations	13
4 Structuring concepts.....	14
4.1 Activity models.....	14
4.2 Manufacturing operations management elements.....	14
5 Structuring models	15
5.1 Generic template for categories of manufacturing operations management.....	15
5.1.1 Template for management of operations.....	15
5.1.2 Use of the generic model.....	15
5.1.3 Generic activity model	15
5.2 Interaction among generic activity models.....	16
5.2.1 Information flows between generic activity models.....	16
5.2.2 Handling resources within the generic activity models.....	17
5.2.3 Scheduling interactions.....	17
5.3 Hierarchy of planning and scheduling.....	18
5.4 Resource definition for scheduling activities.....	19
5.4.1 Consumed resources and non-consumed resources.....	19
5.4.2 Resource capacity and availability.....	20
6 Production operations management.....	20
6.1 General activities in production operations management.....	20
6.2 Production operations management activity model.....	21
6.3 Information exchange in production operations management	22
6.3.1 Equipment and process specific production rules.....	22
6.3.2 Operational commands.....	22
6.3.3 Operational responses.....	22
6.3.4 Equipment and process specific data.....	22
6.4 Product definition management.....	22
6.4.1 Activity definition of product definition management.....	22
6.4.2 Activity model of product definition management	23
6.4.3 Tasks in product definition management.....	23
6.4.4 Product definition management information	24
6.5 Production resource management.....	24
6.5.1 Activity definition of production resource management.....	24
6.5.2 Activity model of production resource management	25
6.5.3 Tasks in production resource management.....	25
6.5.4 Production resource management information	27
6.6 Detailed production scheduling	28
6.6.1 Activity definition of detailed production scheduling	28
6.6.2 Activity model of detailed production scheduling	28
6.6.3 Tasks in detailed production scheduling	29
6.6.4 Detailed production scheduling information.....	31

6.7	Production dispatching.....	31
6.7.1	Activity definition of production dispatching	31
6.7.2	Activity model of production dispatching	32
6.7.3	Tasks in production dispatching.....	32
6.7.4	Production dispatching information	34
6.8	Production execution management	35
6.8.1	Activity definition of production execution management	35
6.8.2	Activity model of production execution management.....	35
6.8.3	Tasks in production execution management	36
6.9	Production data collection.....	37
6.9.1	Activity definition in production data collection	37
6.9.2	Activity model of production data collection	37
6.9.3	Tasks in production data collection	37
6.10	Production tracking.....	38
6.10.1	Activity definition of production tracking.....	38
6.10.2	Activity model of production tracking.....	38
6.10.3	Tasks in production tracking	38
6.11	Production performance analysis	40
6.11.1	Activity definition of production performance analysis	40
6.11.2	Activity model of production performance analysis.....	40
6.11.3	Tasks in production performance analysis	40
7	Maintenance operations management	44
7.1	General activities in maintenance operations management	44
7.2	Maintenance operations management activity model.....	44
7.3	Information exchanged in maintenance operations management.....	45
7.3.1	Maintenance information.....	45
7.3.2	Maintenance definitions	45
7.3.3	Maintenance capability	46
7.3.4	Maintenance request	46
7.3.5	Maintenance response.....	46
7.3.6	Equipment-specific maintenance procedures	46
7.3.7	Maintenance commands and procedures	46
7.3.8	Maintenance results	47
7.3.9	Equipment state-of-health data.....	47
7.4	Maintenance definition management.....	47
7.5	Maintenance resource management.....	48
7.6	Detailed maintenance scheduling.....	48
7.7	Maintenance dispatching	49
7.8	Maintenance execution management	49
7.9	Maintenance data collection.....	49
7.10	Maintenance tracking.....	49
7.11	Maintenance performance analysis	50
8	Quality operations management	51
8.1	General activities in quality operations management.....	51
8.1.1	Quality operations management activities	51
8.1.2	Quality operations scope	51
8.1.3	Quality test operations management.....	51
8.1.4	Types of testing	52
8.1.5	Testing locations and times	52

8.1.6	Quality systems	53
8.2	Quality test operations activity model	53
8.3	Information exchanged in quality test operations management	54
8.3.1	Quality test definitions	54
8.3.2	Quality test capability	54
8.3.3	Quality test request	55
8.3.4	Quality test response	55
8.3.5	Quality parameters and procedures	55
8.3.6	Test commands	55
8.3.7	Test responses	55
8.3.8	Quality-specific data	56
8.4	Quality test definition management	56
8.5	Quality test resource management	56
8.6	Detailed quality test scheduling	57
8.7	Quality test dispatching	58
8.8	Quality test execution management	58
8.8.1	General	58
8.8.2	Testing	58
8.9	Quality test data collection	59
8.10	Quality test tracking	59
8.11	Quality test performance analysis	59
8.11.1	General	59
8.11.2	Quality resource traceability analysis	60
8.11.3	Quality indicators	60
8.12	Supported activities	60
9	Inventory operations management	61
9.1	General activities in inventory operations management	61
9.2	Inventory operations management activity model	61
9.3	Information exchanged in inventory operations management	62
9.3.1	Inventory definitions	62
9.3.2	Inventory capability	63
9.3.3	Inventory requests	63
9.3.4	Inventory response	63
9.3.5	Inventory storage definitions	63
9.3.6	Inventory commands	63
9.3.7	Inventory replies	63
9.3.8	Inventory-specific data	64
9.4	Inventory definition management	64
9.5	Inventory resource management	64
9.6	Detailed inventory scheduling	65
9.7	Inventory dispatching	65
9.8	Inventory execution management	66
9.9	Inventory data collection	66
9.10	Inventory tracking	67
9.11	Inventory performance analysis	67
10	Completeness, compliance and conformance	68
10.1	Completeness	68
10.2	Compliance	68
10.3	Conformance	68

Annex A (informative) Technical and responsibility boundaries	69
A.1 General.....	69
A.2 Scope of responsibility	69
A.3 Actual responsibility	71
A.4 Technical integration.....	71
A.5 Defining solutions	73
Annex B (informative) Scheduling hierarchy.....	74
Annex C (informative) Frequently asked questions.....	76
C.1 Does this standard apply to more than just manufacturing applications?	76
C.2 Why are the models more detailed for production operations management than for the other categories ?	76
C.3 What are some of the main expected uses of this standard ?	76
C.4 How does this standard relate to enterprise-control system integration?	76
C.5 How does this facilitate connection to ERP systems?.....	76
C.6 Why is genealogy not discussed?	76
C.7 Why are only some information flows shown?	77
C.8 What industry does the standard apply to?.....	77
C.9 What is the relation between this standard and MES?.....	77
C.10 How does the QA (quality assurance) element in IEC 62264-1 relate to this standard?	77
Annex D (informative) Advanced planning and scheduling concepts for manufacturing operations management.....	78
D.1 General.....	78
D.2 Fundamental technologies of APS	78
D.3 Decision-making functions of APS	79
Bibliography.....	82
Figure 1 – Activity relationships	14
Figure 2 – Generic activity model of manufacturing operations management	16
Figure 3 – Detailed scheduling interactions.....	18
Figure 4 – Schematic relationship of planning and scheduling.....	19
Figure 5 –Inventory for a consumable resource.....	20
Figure 6 – Activity model of production operations management	21
Figure 7 – Product definition management activity model interfaces.....	23
Figure 8 – Production resource management activity model interfaces	25
Figure 9 – Resource management capacity reporting.....	27
Figure 10 – Detailed production scheduling activity model interfaces	29
Figure 11 – Splitting and merging production schedules to work schedules.....	30
Figure 12 – Work schedule	31
Figure 13 – Production dispatching activity model interfaces	32
Figure 14 – Work dispatching for mixed process facility	34
Figure 15 – Sample job list and job orders	35
Figure 16 – Production execution management activity model interfaces	36
Figure 17 – Production data collection activity model interfaces	37
Figure 18 – Production tracking activity model interfaces	38
Figure 19 – Merging and splitting production tracking information	39

Figure 20 – Production performance analysis activity model interfaces	40
Figure 21 – Activity model of maintenance operations management.....	45
Figure 22 – Activity model of quality test operations management	54
Figure 23 – Activity model of inventory operations management	62
Figure 24 – Inventory data collection activity model	67
Figure A.1 – Different boundaries of responsibility	70
Figure A.2 – Lines of technical integration	72
Figure B.1 – Sample hierarchy of schedules and scheduling activities.	75
Figure D.1 – Levels of decision-making for production	80

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

ENTERPRISE-CONTROL SYSTEM INTEGRATION –**Part 3: Activity models of manufacturing operations management**

FOREWORD

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 62264-3 has been prepared by subcommittee 65E: Devices and integration in enterprise systems, of IEC technical committee 65: Industrial-process measurement, control and automation and ISO SC5, JWG 15, of ISO technical committee 184: Enterprise-control system integration.

It is published as a double logo standard.

This second edition cancels and replaces the first edition published in 2007. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) 4.1 Manufacturing Operations Management was moved to Part 1 and therefore was removed from Part 3;
- b) 4.2 Functional hierarchy was moved to Part 1 and therefore was removed from Part 3;

- c) 4.4 Criterion for defining activities below Level 4 was moved to Part 1 and therefore was removed from Part 3;
- d) 4.5 Categories of production information was moved to Part 1 and therefore was removed from Part 3;
- e) 4.6 Manufacturing operations information was moved to Part 1 and therefore was removed from Part 3;
- f) 5.3 Expanded equipment hierarchy model was moved to Part 1 and therefore was removed from Part 3;
- g) 5.4 Expanded decision hierarchy model was removed from Part 3. The corresponding section was removed from Part 1 and replaced with a reference to ISO 15704;
- h) Annex A (informative) Other enterprise activities affecting manufacturing operations was moved to Part 1 and therefore was removed from Part 3;
- i) Annex D (informative) Associated standards was moved to Part 1 and therefore was removed from Part 3;
- j) Annex F (informative) Applying the decision hierarchy model to manufacturing operations management was removed from Part 3. The corresponding section was removed from Part 1 and replaced with a reference to ISO 15704;
- k) Annex G (informative) Mapping PSLX ontology to manufacturing operations management was removed from Part 3. The committee felt that this section is more appropriate as a PSLX white paper or TR;
- l) The names for data were changed to match the Part 4 standard names. These name changes were made in all figures and in the text. The following data names were changed or added:
- 1) Detailed Production Schedule changed to Work Schedule,
 - 2) Production Dispatch List changed to Job list,
 - 3) Production Work Order changed to Job Order,
 - 4) Work Order changed to Job Order,
 - 5) Detailed Maintenance Schedule changed to Work Schedule,
 - 6) Detailed Inventory Schedule changed to Work Schedule,
 - 7) The addition of Work Masters as objects that define how work is to be done,
 - 8) The addition of the management of Work Calendars as a task in resource management,
 - 9) The addition of the creation of Work Records as a task in tracing.

The text of this standard is based on the following documents:

CDV	Report on voting
65E/456/CDV	65E/513/RVC

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table. In ISO, the standard has been approved by 10 P-members out of 10 having cast a vote.

This publication has been drafted in accordance with ISO/IEC Directives, Part 2.

A list of all parts in the IEC 62264 series, published under the general title *Enterprise-Control system integration*, can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

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