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I.S. EN 50667:2016

Information technology - Automated infrastructure management (AIM) systems - Requirements, data exchange and applications

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This document is based on:	*Published:*
EN 50667:2016	2016-12-23

This document was published under the authority of the NSAI and comes into effect on:	ICS number:
2017-01-16	NOTE: If blank see CEN/CENELEC cover page

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National Foreword

I.S. EN 50667:2016 is the adopted Irish version of the European Document EN 50667:2016, Information technology - Automated infrastructure management (AIM) systems - Requirements, data exchange and applications

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 50667

December 2016

ICS 35.110; 35.240.99

English Version

Information technology - Automated infrastructure management (AIM) systems - Requirements, data exchange and applications

Technologies de l'information - Systèmes de gestion d'infrastructure automatisée (AIM, Automated infrastructure management) - Exigences, interfaces et applications

Informationstechnik - Systeme für automatisiertes Infrastrukturmanagement (AIM) - Anforderungen, Schnittstellen und Anwendungen

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Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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Contents

Page

European foreword 4
Introduction 5
1 Scope 6
2 Normative references 6
3 Terms, definitions and abbreviations 6
3.1 Terms and definitions 6
3.2 Abbreviations 9
4 Conformance 9
5 Automated infrastructure management (AIM) systems 10
5.1 Functional elements 10
5.2 System requirements 10
5.3 Functional requirements 10
5.3.1 Documentation and maintenance of information within AIM software 10
5.3.2 Management and usage of information within AIM software 11
5.3.3 Integrity of information within AIM software 12
5.4 Functional recommendations 12
6 AIM solutions: business benefits 12
6.1 General 12
6.2 Intrinsic benefits of stand-alone AIM systems 12
6.2.1 Accurate documentation 12
6.2.2 Asset management 13
6.2.3 Capacity management 13
6.2.4 Change management 13
6.2.5 Incident management 14
6.3 Extrinsic benefits of AIM when linked with other business information and network management systems 14
6.3.1 General 14
6.3.2 IT-related systems 15
6.3.3 Building management systems 18
6.3.4 Data centre infrastructure management (DCIM) 18
6.3.5 Configuration management database (CMDB) applications 20
7 AIM solutions: Data exchange framework 21
7.1 General 21
7.2 Data exchange format and protocols 21
7.3 Commands 21
7.4 Common data model definition 22
7.4.1 General 22

This is a free page sample. Access the full version online.

7.4.2 Element reference ID 22
7.4.3 Element and attribute definitions 23
7.4.4 Containment rules and hierarchy 29
Annex A (informative) Hierarchy and containment rules 30
Annex B (informative) Field descriptions 32
Annex C (normative) Implementation requirements and recommendations 34
C.1 General 34
C.2 Design 34
C.3 Specification 34
C.4 Installation 35
C.5 Operation 35
Annex D (informative) Optional lower level data exchange framework 36
Bibliography 37

Figures
Figure 1 — Example of a helpdesk work flow integrated with an AIM system 17
Figure 2 — Relationship between AIM systems and CMDB applications 20
Figure A.1 — Spaces 30
Figure A.2 — Telecommunications equipment 31
Figure A.3 — Work orders 31

Tables
Table 1 — Work order management commands 21
Table 2 — Asset management 22
Table 3 — Alarms and events 22
Table 4 — Circuit tracing 22
Table 5 — Attribute key 23
Table 6 — Connectivity 23
Table 7 — Premises/space 24
Table 8 — Furniture 24
Table 9 — Telecommunications equipment 25
Table 10 — Organizational element 27
Table 11 — Work Order 28
Table 12 — Work Order Task 28
Table 13 — Event 28
Table 14 — Alarm 29
Table B.1 — AIM software fields 32
Table D.1 — Port level 36
Table D.2 — Port level work actions 36

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European foreword

This document (EN 50667:2016) has been prepared by CLC/TC 215 “Electrotechnical aspects of telecommunication equipment”, based upon ISO/IEC 18598:2016 “Information technology – Automated infrastructure management (AIM) systems – Requirements, data exchange and applications”.

The following dates are fixed:

latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement	(dop)	[2017-07-24]
latest date by which the national standards conflicting with this document have to be withdrawn	(dow)	[2019-10-24]

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Introduction

This European Standard is intended for:

a) premises owners and facility managers;

b) suppliers of AIM solutions;

c) planners of network infrastructures;

d) network operation managers;

e) data centre operation managers;

f) IT process managers;

g) suppliers of management system software;

h) software integrators.

This European Standard is one of a number of documents prepared in support of European Standards and Technical Reports produced by CLC/TC 215.

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1 Scope

This European Standard specifies the requirements and recommendations for the attributes of automated infrastructure management (AIM) systems.

This European Standard explains how AIM systems can contribute to operational efficiency and deliver benefits to:

a) cabling infrastructure and connected device administration;

b) facilities and IT management processes and systems;

c) other networked management processes and systems (e.g. intelligent building systems);

d) business information systems covering asset tracking and asset management together with event notifications and alerts that assist with physical network security.

This European Standard specifies a framework of requirements and recommendations for data exchange with other systems.

2 Normative references

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.

Not applicable.

3 Terms, definitions and abbreviations

3.1 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1.1
AIM-enabled port
port which is able to automatically detect the insertion and removal of a cord and process that event as part of an automated infrastructure management system

3.1.2
AIM hardware
combination of patch panels and controllers that are designed to automatically detect the insertion or removal of cords, to record connectivity information, and to exchange connectivity information with AIM software

3.1.3
AIM system
integrated hardware and software system that automatically detects the insertion or removal of cords, documents the cabling infrastructure including connected equipment enabling management of the infrastructure and data exchange with other systems

3.1.4
alarm
event of sufficient importance to be highlighted within the AIM system

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