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

Technologie de l'information - Systèmes de gestion d'infrastructure automatisée (AIM, Automated infrastructure management) - Exigences, échange de

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

National Foreword

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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 Infrastrukturmangement (AIM) - Anforderungen, Schnittstellen und Anwendungen

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European foreword

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The following dates are fixed:

latest date by which this document has to (dop) [2017-07-24]
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conflicting with this document have to be withdrawn

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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.

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