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PEOPLE'S REPUBLIC OF CHINA**

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

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foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for Standardization Work Part 1. Structure and Drafting Rules of Standardization Documents" drafted.

This document is modified to adopt ISO /IEC 18598.2016 "Information Technology Automation Infrastructure Management (AIM) System Requirements, Data Exchange and Application".

Compared with ISO /IEC 18598.2016, this document has made the following structural adjustments.

--- Chapter 4 corresponds to 3.2 in ISO /IEC 18598.2016;

--- Chapter 5 corresponds to Chapter 4 in ISO /IEC 18598.2016;

--- Chapter 6 corresponds to Chapter 5 in ISO /IEC 18598.2016;

--- Chapter 7 corresponds to Chapter 6 in ISO /IEC 18598.2016. In order to avoid two items in the same article, in 7.3.2.3,

Added an untitled bar under 7.3.4;

--- Chapter 8 corresponds to Chapter 7 in ISO /IEC 18598.2016.

The following editorial changes have been made to this document.

--- Incorporated the amendments to ISO /IEC 18598.2016/AMD1.2021, and the outer margins of the clauses involved

Marked with a double vertical line (||).

Please note that some content of this document may be patented. The issuing agency of this document assumes no responsibility for identifying patents.

1 Scope

This document specifies requirements and recommendations related to automated

infrastructure management (AIM) systems.

This document explains how an AIM system can help improve operational efficiency for.

- a) management of the cabling infrastructure and its connecting equipment;
- b) equipment and IT management processes and systems;
- c) Other network-related management processes and systems (such as intelligent building systems);
- d) A business information system that includes asset tracking, asset management, and alerts and alerts for cyber-physical layer security-related events.

For AIM systems that support the optional function of providing remote power supply, this document gives supplementary management requirements and recommendations.

This document specifies the requirements and recommended framework for data exchange with other systems.

2 Normative references

The contents of the following documents constitute essential provisions of this document through normative references in the text. Among them, dated citations

documents, only the version corresponding to that date applies to this document; for undated references, the latest edition (including all amendments) applies to this document.

ISO /IEC /IEEE8802-3 Requirements for Local and Metropolitan Area Networks for Telecommunication and Information Exchange among Information Technology Systems Part 3

ISO /IEC 14763-2 Implementation and operation of cabling for information technology user buildings - Part 2.Planning and installation

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Note. GB/T 34961.2-2017 Implementation and operation of cabling for information technology user buildings - Part 2.Planning and installation (ISO /IEC 14763-2.

2012, IDT)

ISO /IEC TR14763-2-1 Implementation and operation of cabling for information technology user buildings - Part 2-1.Planning and installation

Note. GB/T 36638-2018 Information Technology Terminal Equipment Remote Power Supply Communication Cabling Requirements (ISO /IEC TS29125.2017, IDT)

IEC 81346-1 Principles and references for the construction of industrial systems,

installations and equipment and industrial products - Part 1. Basic rules

Note. GB/T 5094.1-2018 Industrial systems, installations and equipment and industrial product structure principles and reference codes Part 1. Basic rules

(IEC 81346-1:2009, IDT)

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