IEC SRD 63456

Edition 1.0 2023-10

SYTEMS REFERENCE DELIVERABLE

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Navigation tools for smart manufacturing

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

ICS 25.040.01

ISBN 978-2-8322-7618-1

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NAVIGATION TOOLS FOR SMART MANUFACTURING

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The text of this Systems Reference Deliverable is based on the following documents:

Draft	Report on voting
SyCSM/81/DTS	SyCSM/89/RVDTS

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this Systems Reference Deliverable is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/standardsdev/publications.

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INTRODUCTION

This document aims to describe external requirements in terms of navigation tools for smart manufacturing to assist the development of manufacturing systems and international standards through linking reference models, use cases, architecture, and standards. Some of the requirements mentioned in this document (including annexes) refers to additional IEC internal IT support.

With this motivation, this document contains the following clauses; Clause 5 describes an outline of the navigation tool for smart manufacturing. Clause 6 presents a view of relationships between the navigation tool and related IT resources in IEC. And Clause 7 defines external requirements. Besides, annexes show a practical example of an IT tool having similar characteristics to the navigation tool, prior works as IT tools developed in IEC, an example of a practical development scheme of IT tool in IEC, and an outline of a potential development scheme for the navigation tool through a comparative analysis with the Mapping Platform.

NAVIGATION TOOLS FOR SMART MANUFACTURING

1 Scope

This document describes requirements in terms of navigation tools for smart manufacturing.

2 Normative references

There are no normative references in this document.