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**Navigation tools for smart manufacturing**

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## NAVIGATION TOOLS FOR SMART MANUFACTURING

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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.