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Smart city standards inventory and mapping – Part 2 : Standards inventory

INTERNATIONAL ELECTROTECHNICAL COMMISSION

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SMART CITY STANDARDS INVENTORY AND MAPPING –

Part 2: Standards inventory

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This document contains an attached file that is cited in Clause 4. This file can be downloaded from https://www.iec.ch/sycsmc/supportingdocuments.

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

Draft	Report on voting
SyCSmartCities/264/DTS	SyCSmartCities/274/RVDTS

Full information on the voting for the approval of this systems reference document 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.

A list of all parts in the IEC SRD 63233 series, published under the general title *Smart city standards inventory and mapping*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under webstore.iec.ch in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

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INTRODUCTION

At present, several standards organizations around the world are developing standards for smart cities, but they focus on different aspects of cities. Because a smart city needs a long-term investment, it should provide stakeholders with many standard views with different perspectives as the basis for future investments.

This document is Part 2 of the IEC SRD 63233 series on smart city standards inventory and mapping. Part 1 provides the methodology for inventory and mapping of standards. Part 4 providing guidance on standards for public health emergencies, and Part 3 designed as a standards map are under development.

This document provides a catalogue of the identified standards related to the smart city system according to the criteria specified in IEC SRD 63233-1. This catalogue, as a database or inventory, can provide users with a function to search the smart city-related standard information with the hyperlinks to the searched standards. The inventory of Smart City standards includes not only the existing standards but also those under development officially registered in standards development organizations (SDOs). The inventory is comprehensive, and it provides an overview of each standard catalogued. The users (e.g. designers and implementers of smart cities) can use this inventory to select an appropriate set of standards for their design and implementations.

The standards inventory (the file for the standards inventory linked in 4.3) is available online. It will be maintained and updated regularly.

SMART CITY STANDARDS INVENTORY AND MAPPING –

Part 2: Standards inventory

1 Scope

This part of IEC SRD 63233, which is a Systems Reference Deliverable, provides the catalogue and list of smart city related standards, either existing or under development in IEC and other standards development organizations.

2 Normative references

There are no normative references in this document.