|  |
| --- |
| Input Contribution |
| Meeting ID\* | REQ#32 |
| Title:\* | Input for TR-0036 |
| Source:\* | Yang Guang, CAICT, yangguang1@caict.ac.cn |
| Date:\* | 2017-11-14 |
| Input related to\* | <A list of the Work Item(s), Technical Report(s), Technical Specification(s) or other documents that are related to this contribution> |
| Intended purpose ofdocument:\* | [x]  Decision[x]  Discussion[ ]  Information[ ]  Other <specify> |
| Impacted other TS/TR(s) | <TS/TR number>, <Version Number>, and <Description on which aspect should be reflected in this TS/TR> |
| Decision requested or recommendation:\* | <A concise statement of the decision required or the recommended action to be taken> |
| Template Version: January 2017 (Do not modify) |

**oneM2M Notice**

The document to which this cover statement is attached is submitted to oneM2M. Participation in, or attendance at, any activity of oneM2M, constitutes acceptance of and agreement to be bound by terms of the Working Procedures and the Partnership Agreement, including the Intellectual Property Rights (IPR) Principles Governing oneM2M Work found in Annex 1 of the Partnership Agreement.

# 1 Scope

The present document explains how current OneM2M can be used in Smart City domain and includes a study of features which OneM2M could support for this domain. The present document consists of case studies from oneM2M adapted smart cities, analysis on those cities in terms of oneM2M specifications, and some implications for future smart cities based on oneM2M.

# 2 References

## 2.1 Normative references

Normative references are not applicable in the present document.

## 2.2 Informative references

References are either specific (identified by date of publication and/or edition number or version number) or non‑specific. For specific references, only the cited version applies. For non-specific references, the latest version of the referenced document (including any amendments) applies.

The following referenced documents are not necessary for the application of the present document but they assist the user with regard to a particular subject area.

[i.1] oneM2M Drafting Rules (http://www.onem2m.org/images/files/oneM2M-Drafting-Rules.pdf)

.

[i.8] OneM2M, White paper, “Smart Cities done smarter”.

[i.9] ITU-T Y 4250 Series, smart sustainable cities, “Overview of smart sustainable cities infrastructure”.

# 3 Definitions, symbols and abbreviations

## 3.1 Definitions

For the purposes of the present document, the terms and definitions given in oneM2M TS-0011 [i.5] apply:

## 3.2 Symbols

For the purposes of the present document, the symbols given in oneM2M TS-0011 [i.5] apply:

## 3.3 Abbreviations

For the purposes of the present document, the abbreviations given in oneM2M TS-0011 [i.5] apply:

API Application Programming Interface

ARIB Association of Radio Industries and Businesses

ATIS Alliance for Telecommunications Industry Solutions

CCSA China Communications Standards Association

CCTV Closed Circuit Television

ETSI European Telecommunications Standards Institute

EV Electric Vehicle

LPWA Low Power Wide Area

LTE Long Term Evolution

NFC Near Field Communications

TIA Telecommunications Industry Association,

TSDSI Telecommunications Standards Development Society

TTA Telecommunications Technology Association

TTC Telecommunication Technology Committee