

GUIDELINES ON THE USE OF INTERNET OF THINGS (IoT) DEVICES

The Communications Authority of Kenya (Authority) issues the following Guidelines on the use of Internet of things (IoT) devices in Kenya.

1. These Guidelines apply to:
 - 1.1. Internet of things (IoT) devices
 - 1.2. Machine-to-Machine based devices and
 - 1.3. Devices with embedded Universal Integrated Circuit Card (eUICC).
2. The terms used in these Guidelines have the same meaning as in the Kenya Information and Communications Act, 1998 (Act) and the International Telecommunication Union (ITU) unless where the context otherwise requires.
3. Type Approval of devices with embedded Universal Integrated Circuit Card (eUICC) will be undertaken
 - 3.1. In accordance with the Kenya Information and Communications (Importation, Type Approval and Distribution of Communications Equipment) Regulations, 2010.
 - 3.2. Devices with eUICC shall be required to comply with the GSMA RSP Architecture Version 2.014 of October 2016 and its successors.
4. Where Internet of Things (IoT) and Machine-to-Machine (M2M) devices require the use of Mobile Station International Subscriber Directory Number (MSISDN), they shall be assigned numbering in accordance with the Kenya Information and Communications (Numbering) Regulations, 2010.
 - 4.1. The numbers to be assigned IoT and M2M devices shall be on a 15-digit numbering range (+254 xxx xxx xxx xxx).
 - 4.2. The 15-digit number shall be in accordance with ITU-T Recommendation E.164 and shall have provisions for all subscriber facilities including but not limited to number portability, caller line identification (CLI) and access to emergency services.
5. The activation of IoT and M2M devices and devices with eUICC shall be subject to subscriber registration in accordance with Section 27 of the Act and the attendant Kenya Information and Communications (Registration of SIM-Cards) Regulations, 2015.
6. The Authority may review these Guidelines from time to time.
7. These Guidelines shall become effective from the date of publication in the Kenya Gazette.

Signed

**Director General
Communications Authority of Kenya**