



# Updated Technical Specifications Public Consultation

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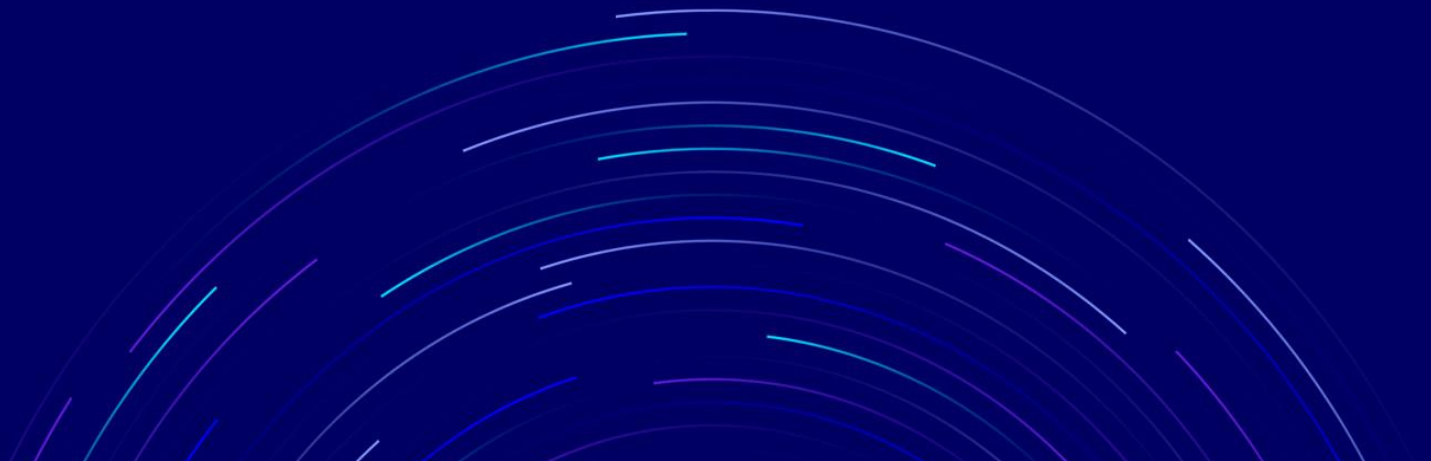
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## 1. INTRODUCTION

The Communication and Information Technology Commission (CITC) is responsible, in accordance within the telecommunications act, telecom act bylaw and CITC Ordinance; for developing and implementing technical specifications to ensure the safety of the public and allow their access to the most reliable and advanced communications and information technology services. Towards that objective, CITC periodically revises the technical specifications in place and introduces new specifications whenever needed to ensure the timely enablement of the most advanced communications and information technology services in the Kingdom .

The CITC is launching this public consultation on the modernization of its technical specifications and invites interested parties to participate in it. The relevant documents and proposed updated technical specifications as part of the consultation are published on the CITC website

<https://www.citc.gov.sa/en/new/publicConsultation/Pages/144202.aspx>

## 2. OBJECTIVES OF THE CONSULTATION

The aim of the public consultation is to collect feedback on the proposed updated technical specifications of communication and information technology devices and equipment that are applicable in the Kingdom of Saudi Arabia. The CITC is particularly interested in feedback on the clarity and of requirements and limits with international best practices.

Comments on best measures for reducing the lead-times for processing type approval applications reaching the commission are also welcome.

### 3. HOW TO PARTICIPATE IN THIS CONSULTATION

Interested parties are requested to answer the questions listed in the “Consultation Questions” section. Submission of answers can be made using any of the following methods:

- By email to:  
[TechSpecs@citc.gov.sa](mailto:TechSpecs@citc.gov.sa)
- Hand-delivered (paper and electronic) at CITC premises or by mail to:

Communications and Information Technology Commission

Al-Nakheel District

Prince Turki Bin Abdul Aziz I Street intersection with Imam Saud Bin Abdul Aziz  
Road

PO Box 75606, Riyadh 11588

Saudi Arabia

## 4. CONSULTATION QUESTIONS

#	Question
1	From the “Specifications under consultation” section below, Please identify the applicable and relevant specification(s) for your organization?
2	<p>Please provide your feedback on the <b>structure of the specifications</b>:</p> <ul style="list-style-type: none"> <li>a. the clarity and format of the specifications</li> <li>b. numbering of the specifications</li> <li>c. any other comments/feedback</li> </ul>
3	<p>Please provide your feedback on the <b>content of the specification(s)</b> listed in your answer to Question 1. CITC is particularly interested in feedback on:</p> <ul style="list-style-type: none"> <li>a. the specified technical parameters (both listed parameters and non-listed/missing parameters (if any))</li> <li>b. the specified requirements (both listed requirements and non-listed/missing requirements (if any))</li> <li>c. the referenced standards</li> <li>d. any other comments/feedback</li> </ul>
4	<p>The CITC intends to <b>phase out</b> the following specifications by Q1 2022:</p> <p>LI001 - Specification for Equipment connecting to Wired Network</p> <p>RI015 - Specification for APCO 25 Equipment</p> <p>RI017 - Specification for iDEN Equipment</p> <p>RI033 - Specification for Wireless Local Loop Subscriber Equipment</p> <p>RI058 - Specification for WiMAX Equipment</p> <ul style="list-style-type: none"> <li>a. If you think the phase out date of any of these specifications should be changed, please specify your suggested phase out date with clear references and justifications</li> <li>b. If you think any additional specifications would become obsolete over the next two years, please specify them and provide clear references justifications.</li> <li>c. any other comments/feedback</li> </ul>

5	Please provide us with any other feedback related to the technical specifications for ICT equipment issued by CITC.
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## 5. SPECIFICATIONS UNDER CONSULTATION

Specification Number	Specification Title
GEN001	General Requirements
GEN002	Requirements for specific ICT Equipment
GEN003	Requirements for Radio Modules
IT002	Specification for Voice over IP Equipment
IT004	Specification for Fiber Optics Equipment
LI001	Specification for Equipment connecting to Wired Network
DI005	Specification for High Speed Serial Interfaces (HSSI) Equipment
RI004	Specification for Paging Equipment
RI009	Specification for Analogue PMR Handsets and Ancillary Equipment
RI011	Specification for TETRA Handsets and Ancillary Equipment
RI012	Specification for TETRA Base Stations and Ancillary Equipment
RI013	Specification for TETRAPOL Handsets and Ancillary Equipment
RI014	Specification for TETRAPOL Base Stations and Ancillary Equipment
RI015	Specification for APCO 25 Equipment
RI017	Specification for iDEN Equipment
RI019	Specification for Citizens' Band Radio Equipment
RI021	Specification for Amateur Radio Equipment

RI022	Specification for Mobile Satellite Service (MSS) <1GHz Terminals and Ancillary Equipment
RI023	Specification for Mobile satellite Service (MSS) > 1GHz Terminals and Ancillary Equipment
RI025	Specification for SPCN Mobile Satellite Service (MSS) Terminals and Ancillary Equipment
RI026	Specification for V-SAT Terminals and Ancillary Equipment
RI027	Specification for Satellite News Gathering (SNG) Transportable Earth Stations and Ancillary Equipment
RI028	Specification for SIT and SUT Terminals and Ancillary Equipment
RI031	Specification for Point to Point and Point to Multipoint Radio Fixed Links
RI033	Specification for Wireless Local Loop Equipment
RI038	Specification for Analogue Cordless Telephones Equipment
RI040	Specification for DECT Cordless Telephones Equipment
RI044	Specification for Wireless Audio, Radio Microphones, In-Ear Monitoring and Ancillary Equipment
RI049	Specification for Road Transport, Traffic Telematics and Intelligent Transport Systems
RI051	Specification for Ground, Sea and Airborne Model Control Equipment
RI052	Specification for Hearing Aids with Radio Interface
RI054	Specification for Short Range Devices (SRD)
RI058	Specification for WiMAX Equipment
RI059	Specification for Desert Attendees Radio Equipment “Barary”
RI081	Specification for Avalanche Beacons
RI082	Specification for Alarms
RI084	Specification for Animal Implantable Devices
RI085	Specification for Ultra Wideband Equipment

RI089	Specification for Power Line Equipment
RI090	Specification for Air Navigation Equipment
RI091	Specification for Ground Navigation Equipment
RI092	Specification for Water Navigation Equipment
RI096	Specification for Emergency Beacons
RI108	Specification for Software Defined Radio (SDR) equipment
RI111	Specification for Automatic Identification System (AIS) Equipment
RI112	Specification for VHF Maritime Equipment
RI113	Specification for Short Range Railway Equipment
RI114	Specification for Low Power Wide Area Networks (LPWAN) Equipment
RI116	Specification for Mobile Repeaters (Signal Boosters)
RI117	Specification for Data Communication Equipment operating in License-Exempt Frequency Bands
RI119	Specification for IMT base stations and related Equipment
RI20	Specification for IMT User Equipment
RI121	Specification for Broadcast Equipment





هيئة الاتصالات وتقنية المعلومات  
Communications & Information  
Technology Commission