



CITC Technical Specification

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Specification for Equipment connecting to X.25 Packet Switched Networks

Issued by The Communications and Information Technology Commission of Saudi Arabia in accordance with article 89 of the Telecommunications Bylaw.

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Scope

This document applies to terminal equipment which includes interfaces that may be connected to X.25 packet switched services offered by public network operators in the Kingdom of Saudi Arabia.

All telecommunications and radio terminal equipment must comply with the relevant technical specifications established by CITC. In addition, such equipment may be subject to regulations for Declaration of Conformity or registration. See <http://www.citc.gov.sa/> for details.

If more than one interface type is offered by a piece of equipment, each interface must meet the applicable technical specifications.

Equipment covered by this specification includes, but is not limited to the interfaces of the following equipment types:

Product type	Details/comments
X.25	
Other services offering X.21 connections	

Entry into force

This specification shall enter into force on 10/01/2010 G

Proof of compliance

It is recommended that test reports are obtained from a laboratory that has been accredited by a body that is a member of the ILAC Mutual Recognition Arrangement.

Technical requirements

Testing should be carried out to ensure compliance with the following specifications:

TBR2

Attachment requirements for Data Terminal Equipment (DTE) to connect to Packet Switched Public Data Networks (PSPDNs) for CCITT Recommendation X.25 interfaces at data signaling rates up to 1920 kbit/s. Utilizing interfaces derived from CCITT recommendations X.21 and X.21bis

or

ITU-T recommendation X.25:

Interface between Data Terminal Equipment (DTE) and Data Circuit-terminating Equipment (DCE) for Terminals operating in the Packet Mode and connected to Public Data Networks by dedicated circuit.

ITU-T Recommendation X.21:

Interface between Data Terminal Equipment and Data Circuit-terminating equipment for synchronous operation on Public Data Network

ITU-T Recommendation X.21bis :

Use on Public Data Networks of Data Terminal Equipment (DTE) which is designed for interfacing to Synchronous V-Series Modems

If no issue or revision number is quoted along with the title of a technical specification, the latest published version should be used.

Additional requirements

For connections to X.25 packet switched networks. The physical interface of the CPE shall conform to either ITU-T Recommendation V.35 or V.24.

Other types of interfaces may be provided to the customer at the discretion of network operator.

Obtaining technical standards

ETSI technical standards may be obtained free of charge for individual use from the ETSI website www.etsi.org.

ITU recommendations can be obtained from the ITU via their website <http://www.itu.int> a charge may be made for these recommendations

Network information (only for network interfaces)

Further information on the characteristics and presentation of network interfaces can be found by visiting operator's website.

Document history

Description	Status	Date
	Issue 1	11/03/2006 G
	Issue 2	10/01/2010 G