



CITC Technical Specification

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Specification for Equipment connecting to X.21 Services

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 equipment which includes interfaces that may be connected to X.21 connections 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
Frame Relay	
X.25	CITC specification DI006 describes X.25 requirements
Other X.21 connections leased lines	

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:

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

No additional requirements exist for equipment offering connection to analogue leased lines at this time.

Obtaining technical standards

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
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