



## **CITC Technical Specification**

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### **Specification for Equipment connecting to 34 Mb/s Digital Leased Line 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 terminal equipment which includes interfaces that may be connected to 34Mb/s Digital Leased Line 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.

Product type	Details/comments
Routers	
Frame relay equipment	
ATM equipment	
Other equipment directly connecting to analogue Leased Lines	
Routers	

## 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

It is recognised that a number of largely equivalent specifications exist for terminal equipment that offers connection to E3 34Mbs services.

It is also recognised that a great number of manufacturers continue to reference to older ETSI specifications such as ETSI TBR24 for this technology. Testing should be carried out to ensure compliance with either one of the following specifications:

### EN 300 689

Access and Terminals (AT); 34Mbit/s digital leased line (D34U and D34S)  
Terminal equipment interface

### TBR24

Business TeleCommunications (BTC); 34 Mbit/s digital structured and unstructured leased lines (D34U and D34S); Attachment requirements for terminal equipment interface

## Additional requirements

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

## Obtaining technical standards

ETSI technical standards may be obtained free of charge for individual use from the ETSI website [www.etsi.org](http://www.etsi.org).

## 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

