



INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

ISDN provides a single digital line for voice, video and data traffic.

The service

ISDN offers simultaneous exchange of voice, video and data on a single telephone line. It enables multiple computers to connect with the Internet or any other network, while the digital technology upon which this service is based enables faster data transfer and superior call quality. It sends clear digital signals at high speeds over regular phone lines.

The service offers exceptional reliability & feasibility and is easily distinguishable from other services by the speed of connectivity and its simultaneous transmission capabilities. Some of the applications it makes possible are:

- File transfer at high speeds

- Internet access
- Leased Line backup
- Remote LAN (Local Area Network) access
- Video-Conferencing
- Point-to-point applications involving remote access
- Telephony - connecting ISDN to PABX as direct lines

Qualitynet offers two forms of ISDN access:

- **Basic Rate Interface (BRI)**, which utilizes two separate 64 Kbps channels and combines them into one 128 Kbps channel, that's over 4 times faster than a regular 28.8 Kbps modem.
- **Primary Rate Interface (PRI)**, which offer 30 channels of 64 Kbps each, to carry simultaneous data, video and voice.



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Key Benefits

Simultaneous usage

With ISDN, one phone number and one phone line can do it all; carrying images from your fax, conversations from your phone and data from your computer - all simultaneously.

Integration

Integrate the various lines used for your phones, faxes and data transfer into a single powerful communications network, by converting a standard telephone line into a reliable high-speed digital connection. This makes your connection a central point of contact for all types of information - voice, data, image and video.

Reliability

The increased capacity that ISDN displays in dealing with greater volumes of traffic allows it to serve as a backup in the case of leased line failure. Its proven track record makes it the first choice for replacing dedicated data connections common among multinational organizations.

Cost Effective

The service leads to reduced costs, made possible by faster connectivity, high speed operations and shorter download & transmission times. It also does not require heavy network investments, as it runs on the existing network.

Key Features

Control and Flexibility

ISDN gives you control over allocating the bandwidth

across desktops to take advantage of the enhanced call handling features of this service. Enhanced call management features and flexible bandwidths respond to your changing needs for volume and need to move between different types of communication.

FTP

You can utilize fast file transfer protocol (FTP) to send any files to a remote computer on a dedicated ISDN line without having to use the Internet.

LAN Connectivity

Easily connect all of the computers you have on a LAN to the Internet. As this can also be a shared connection, it means you need to have fewer individual lines that are solely dedicated for Internet usage.

Create a WAN

Combine two or more LANs to create a Wide Area Network (WAN) that will connect any number of your local sites.

Free value added voice services

- Calling Line Identification
- Call Waiting
- Call Diverting
- Call Forwarding
- Fixed Destination Call Code Control
- Outgoing/Incoming Call Barring
- Conference Calls
- Abbreviated Dialing
- Direct Inward Dial

For further information on this service, please contact us at +965 808888 or visit www.qualitynet.net