



ISDN Primary

Big voice and data communications power for small businesses



ISDN Primary is an all-digital networking service that can help enhance the productivity of your office. Its high-speed, high-capacity digital connectivity, intelligent call handling and Caller ID functionality is ideal for small business offices using a PBX solution or large call centers.

This powerful local access service provides clear digital voice and data capabilities on a single T-1 facility. The result is optimum voice and data communications service without the additional expense of multiple dedicated circuits.

ISDN Primary has a total bandwidth of 1.544 Mbps (megabits per second), which can be configured in a variety of ways to suit your specific communications requirements.

A digital service with benefits you won't outgrow

Choosing an ISDN Primary connection for your vital communications services enables you to enjoy:

- **Quality:** Digital transmission provides exceptionally clear voice communications and virtually error-free video, image and data transmission.
- **Increased Productivity:** More bandwidth can make it possible to communicate with more customers, make more sales and process orders faster.
- **Smart Trunk Technology:** Assign specific B channels to services such as Toll-Free service or Direct Inward/Outward Dialing for better flow of voice, video or data traffic.

■ **Calling Line Identification:**

Provides directory numbers for incoming calls, allowing your customer service team to access pertinent customer information before the call is answered. In fact, it is the only technology available that allows PBX users to identify incoming callers.

■ **Compatibility and Expandability:**

ISDN Primary B channels are fully compatible with today's PBX systems and can be consolidated to build as big a pipeline as needed for bandwidth-intensive applications. Multiple ISDN Primary lines can also be placed on the same trunk group to increase efficiency and reduce the number of necessary channels.

■ **Dynamic Channel Allocation:**

Assign channels to voice traffic during the day and data traffic at night, or assign channels on a per-call basis to achieve maximum efficiency.

■ **Maximum Information Transfer:**

Optional 24B channel configuration allows a single D channel to support signaling for up to 20 ISDN Primary connections. Once a basic 23B + D configuration is installed, additional 24B circuits can be added as necessary with signaling controlled by the original D channel.

Bandwidth-intensive applications at your fingertips

The additional speed and capacity of ISDN Primary will enable your business to take advantage of a variety of high-bandwidth applications, including:

- *PBX trunking/voice applications*
- *Internet access for multiple users*
- *Videoconferencing*
- *LAN and WAN connectivity*
- *Host computer access*

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