WITS 3 -
INTEGRATED SERVICES DIGITAL NETWORK (ISDN)
PRIMARY RATE INTERFACE (PRI)

Voice Services

ISDN PRI is a local exchange access service that creates a direct digital connection to a Verizon central office to provide voice, data, image, and video services on a single circuit or line.

**BENEFITS**

- **Digitally delivers:** Direct Inward Dialing (DID), Direct Outward Dialing (DOD), and toll-free service delivered to the government allows a generous number of standard and optional features to work with the service (most compelling feature is caller ID, which allows information about the calling party to be passed to the called number).
- **Flexible Call-By-Call Service:** Increases trunking efficiency.
- **Increased Call Handling Efficiency**
  - Associated with Calling Line Identification
  - Back-Up Configuration: This provides added protection and communications reliability.
- **Clear Digital Transmission:** Voice and data communications are clear and easy to understand.
- **Rapid Call Set Up**
- **Provision Bandwidth On Demand:** Customers have the ability to provision bandwidth on an as needed basis (with compatible Customer Premises Equipment (CPE))
- **Enhanced Security:** Uses call number configuration for dial-up connection.
- **Restricted Number Acceptance**
- **Advanced Call Routing and Call Handling Features**
- **Video Conferencing:** Large bandwidth enables quality video resolution and allows for faster screen refresh.
- **Disaster Recovery:** Circuit-switched capability can provide alternate paths in the event of an emergency.

**FEATURES**

ISDN PRI (23B+D) is supported at an information payload data rate of 1.472 Mbps and ITU-TSS Q.931 signaling type. The D-channel cannot be shared by another ISDN PRI trunk. The following standards apply:

- ANSI/EIA T1.607
- 610/NIUF National ISDN-1 (Telcordia Pub SR-NWT-001937)
- NIUF National ISDN-2 (Telcordia Pub SR-NWT-002120)
- NIUF National ISDN-3 (Telcordia Publication SR-NWT 002457)

ISDN PRI (24B+D) is supported at an information payload data rate of 1.536 Mbps and ITU-TSS Q.931 signaling type and shares a D-channel with another ISDN PRI trunk. The following standards apply:

- ANSI/EIA T1.607
- 610/NIUF National ISDN-1 (Telcordia Pub SR-NWT-001937)
- NIUF National ISDN-2 (Telcordia Pub SR-NWT-002120)
- NIUF National ISDN-3 (Telcordia Publication SR-NWT 002457)