

ComNet (USA) LLC
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SECTION 5: EXCHANGE ACCESS SERVICE

5.7 ISDN Primary Rate Interface (PRI) Service

ComNet ISDN PRI is a competitive digital business telecommunications service offered to all customers. ISDN PRI is a switched service that provides the end user with clear channel signaling (64Kbs) in increments of 24 channels formatted within a T1 (1.544 Mbps) allowing such uses as carrying voice traffic, packetized data, or acting as common trunks. ComNet ISDN PRI end users will connect their CPE equipment to the Company's central office via T1 connections.

All Customer Provided Equipment (CPE) used with ComNet ISDN PRI is required to conform with the Bellcore Technical Reference Specifications as used by ComNet (USA) LLC: ISDN Primary Rate Access Transport System Requirements (a module of TSGR, FR-440), Issue Number 01; Technical Reference: TR-TSY-000754.

5.7.1 Standard Features for Circuit Switched Voice and Circuit Switched Data Services

ComNet ISDN PRI Service is equipped with the following standard features:

A) Call by Call for Trunk Groups

Allows Circuit Switched Voice and Circuit Switched Data Services to enable over the ComNet ISDN PRI trunk to share "B" channels and arrange them as a single trunk group. This allows incoming and outgoing Circuit Switched Voice and Data calls to utilize "B" Channels on a call by call basis. (Without this capability, each service would require "B" channel.) "B" Channel Packet Switched Data Service cannot utilize this capability. ISDN PRI provides the end user with fractional T1 capabilities by using multiple B channels as required to support the request for aggregate bandwidth of each application thus using SS7 interconnection trunks between ComNet (USA) LLC, and Verizon. All of the 23 channels (24 where technology permits) are usable as stand alone trunk groups. Trunk groups can be equipped with Direct Inward Dial (DID) functionality.

B) Caller ID Capability

All calling numbers presented to the services working on the ISDN PRI connection can be delivered to the customer's CPE, including calls made to Direct Inward Dialing Service telephone numbers.

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