
DIGITAL DATA COMMUNICATION SERVICE

A. INFOPATH® PACKET SWITCHING SERVICE - SYNCHRONOUS (X.25 AND X.75 PROTOCOL)

This service is furnished on existing installations only. Additions, rearrangements, and moves of service are not permitted.

This service is available through authorized sales channels of Verizon New York Inc. only.

1. General

INFOPATH® Packet Switching Service utilizes a switched data network, similar to the switched voice network. The network facilities are shared by all users. However, no physical circuit is established for an end user's data call, as in the switched voice network.

The data transmission involved in the network is usually relatively short bursts of data. The data is separated by the customer into discrete segments called packets for high speed transmission through the network. All packets are interleaved (statistically multiplexed) on the facilities as they are transmitted. These packets, which may contain up to 256 characters of data each, automatically have routing and control information inserted (packet header) as well as error detection information inserted at the end of the packet (packet trailer). The complete packet is routed through the network to its intended destination.

Error checking is performed on each packet as it is transmitted through the network. If an error is detected, the sending equipment is informed automatically to retransmit the message. A message could consist of multiple packets or a single packet.

The major components of the packet network are the packet switches, which perform the switching and routing functions, the Packet Assembler/Disassemblers (PAD), which perform the interfacing and concentration functions (statistical multiplexing) and the network facilities.

Various options permit customer flexibility in specifying how they operate on the network. Two forms of service are provided, Permanent Virtual Circuit and Switched Virtual Circuit.

Permanent Virtual Circuits are the electronic equivalent of a private line between two points. At the time of subscription to a Permanent Virtual Circuit, a virtual circuit is established between the two customer locations within the network. While no physical circuits are dedicated, the two locations are electronically connected together, as with a private line.

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A. INFOPATH PACKET SWITCHING SERVICE - SYNCHRONOUS (X.25 AND X.75 PROTOCOL)
(Cont'd)

1. General (Cont'd)

Switched Virtual Circuit permits an end user to establish a call to any point on the network, similar to the operation on the switched voice network.

Circuits can be designated to be one way incoming, one way outgoing, or two way. The customer also has the option to establish Closed User Groups which permit a subscriber to arrange a sub-network within the public packet network. This option provides for restriction of communications between pre-designated terminals on the network.

Dedicated access for high throughput service, speeds up to 56 kbps, (Direct Access to a Packet Switch) may be obtained through subscription to any of the following services:

- Digipath® Digital Service (Part B, Section 11)
- Digital Data Service (Tariff FCC No. 1)
- Digipath® Digital Service II (Part B, Section 17)

Dedicated access for medium throughput service (Access to a Packet Assembler/Disassembler (PAD)) may be obtained through subscription to any of the following services:

- Data Over Voice Service (DOV) (Part B, Section 2.H)
- Private Line Circuit (Part B, Sec.5.C)

These types of access provide a dedicated connection to the network. A data call is initiated either through the keyboard on the customer's terminal or automatically by computers. Input speeds for synchronous operation may be up to 9.6 kilobits per second (kbps). Input speeds for synchronous X.25 operation may be up to 9.6 kbps on medium throughput services or either 9.6 kbps or 56 kbps on high throughput services.

With Switched Virtual Circuit, the data terminal equipment is connected to the network through the terminal keyboard. The user inputs the number of the remote Data Terminal Equipment (DTE) being called, along with other information, such as a reverse charge request, closed user group number or carrier designation if required for the call. The network will then process a call set-up packet to the called number. After the call is connected and accepted by the called party, a message is sent to the user informing him that the call is connected. If for any reason the call cannot be completed, a message is sent to the calling DTE identifying the reason. For Permanent Virtual Circuit service, the above call establishment is not required due to the equivalent of a permanent connection between the two ends.

Infopath service utilizes packet technology for the transmission of packets of data over digital data facilities using a switched facility for bursty type traffic of X.25 and X.75 protocol.

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A. INFOPATH PACKET SWITCHING SERVICE - SYNCHRONOUS (X.25 AND X.75 PROTOCOL)
(Cont'd)

1. General (Cont'd)

The High Throughput port supports customer (DTE) using packet mode operation (X.25 protocol conforming to NYNEX Technical Reference (NTR74250) at speeds of 9.6 Kbps or 56 Kbps, and an interconnection of a public packet network (X.75 protocol conforming to Bell Communications Research Technical Reference TR-NPL 000065) at speeds of 9.6 Kbps or 56 Kbps.

The Medium Throughput port supports customer (DTE) using packet mode operation (X.25 protocol conforming to NYNEX Technical Reference NTR74250) at speeds up to 9.6 Kbps.

Rates include a monthly port charge and a recurring usage charge. No charges apply for holding time or distance within the Local Access and Transport Area (LATA) where the service is available.

Synchronous Dial Access supports customer (DTE) through the subscriber's Local Exchange Line at speeds up to 9.6 Kbps. The Asynchronous Dial Access Services Specified in Paragraph B of this section support customer (DTE) through the subscriber's Local Exchange Line at speeds up to 9.6 Kbps. All Dial Access is offered on a where facilities permit basis. Local exchange Product Guide rates apply for access to the Infopath network.

Call Redirection is an option available to subscribers of (X.25) Infopath service. It allows the subscriber to redirect data calls to an alternate location. For each call redirected, the subscriber incurs an additional call set-up packet charge.

2. Terms and Conditions

a. Definitions

ASCII - American Standard Code for Information Interexchange. An eight level code for data transfer adopted by the American Standards Association.

Asynchronous - Transmission in which each information character is individually synchronized usually by the use of start-stop elements. The gap between each character is not of a fixed length.

Bursty Traffic - Communications traffic characterized by short periods of high intensity, separated by fairly long intervals of little or no utilization.

DIGITAL DATA COMMUNICATION SERVICE

A. INFOPATH PACKET SWITCHING SERVICE - SYNCHRONOUS (X.25 AND X.75 PROTOCOL)
(Cont'd)

2. Terms and Conditions (Cont'd)

a. Definitions (Cont'd)

ASCII - American Standard Code for Information Interexchange. An eight level code for data transfer adopted by the American Standards Association.

Asynchronous - Transmission in which each information character is individually synchronized usually by the use of start-stop elements. The gap between each character is not of a fixed length.

Bursty Traffic - Communications traffic characterized by short periods of high intensity, separated by fairly long intervals of little or no utilization.

Call Initiation - The point in time when network facilities are initially allocated to the establishment of a specific switched virtual call.

Call Redirection - An option available to subscribers which permits a subscriber to redirect calls which are made to its primary location to an alternate location.

Call Termination - The point when common control network facilities allocated to a specific switched virtual call are released for reuse by the network.

Character - An alphanumeric or symbolic unit represented by 8 bits of data, as defined by the ASCII Code.

Closed User Group - The customer may select transmission to network addresses belonging to the same Closed User Group, within the Infopath switched network. Each port may be arranged with as many as 10 Closed User Groups for a Medium Throughput Port and 100 Closed User Groups for a High Throughput Port. Each group may be configured as follows:

(1) Fully restricted access provides Outgoing and Incoming Access to or from ports belonging to the same Closed User Group only.

Or

(2) Outgoing access provides the capability to originate calls to ports that do not subscribe to the Closed User Group option. Incoming access is restricted to ports belonging to the same Closed User Group.

Or

(3) Incoming access provides the capability to receive calls from all ports. Outgoing access is restricted to ports belonging to the same Closed User Group.

DIGITAL DATA COMMUNICATION SERVICE

A. INFOPATH PACKET SWITCHING SERVICE - SYNCHRONOUS (X.25 AND X.75 PROTOCOL)
(Cont'd)

2. Terms and Conditions (Cont'd)

a. Definitions (Cont'd)

Data Circuit Terminating Equipment - Network provided equipment interfacing customer provided DTE.

Data Terminal Equipment (DTE) - Customer provided equipment, either terminals or computer, interfacing the Infopath Packet Switched network.

End User - One who uses the Infopath packet switching network to access an Infopath subscriber.

Infopath Port - A communications interface through which a customer obtains access to the Infopath packet switching network.

Kilopacket - One thousand packets.

Logical Channel - A communications channel that allows transmission of sequenced data packets through the network.

Logical Channel - A communications channel that allows transmission of sequenced data packets through the network.

Mnemonic Addressing - This allows the automatic translation of a three or four character code word into a data telephone number identifying the called address.

Multiple Logical Channels - A feature provided with a packet port which allows a customer to simultaneously operate up to 16 separate channels on one Medium Throughput Port and up to 127 separate channels on one 9.6 kbps High Throughput Port or up to 511 separate channels on one 56 kbps High Throughput Port.

Multiline Hunt Group - A group of ports with a single network address. Incoming calls are distributed equally over a maximum of 16 lines.

Multiple Network Address - Secondary network addresses are provided on X.25 and asynchronous ports.

Network Address - Numeric characters used to identify the origination or destination point of each virtual call within the network. (Data telephone number).

DIGITAL DATA COMMUNICATION SERVICE

A. INFOPATH PACKET SWITCHING SERVICE - SYNCHRONOUS (X.25 AND X.75 PROTOCOL)
(Cont'd)

2. Terms and Conditions (Cont'd)

a. Definitions (Cont'd)

Network User Identifier (NUI) - A numeric code that enables an End User to access a particular subscriber. NUI's are provided by the Company on a subscription basis. NUI's will be sold to subscribers of Infopath in blocks of 10 at a minimum.

Octet - A continuous sequence of eight binary digits of information. In most cases an Octet is equivalent to a character.

Packet - A continuous sequence of Octets of information which is switched through the network as an integral unit. A packet can contain up to 256 Octets of customer data, as well as transmission and error control information. For billing purposes, a packet may contain up to 128 Octets. Packets are counted in 64 Octet billing segments: 2 billing segments equal 1 packet (128 Octets); 4 billing segments equal 2 packets (256 Octets).

Packet Switch - A part of the Infopath network which performs the routing and switching function.

Permanent Virtual Circuit - A private line like circuit that is established on a permanent basis. No call establishment, call termination, or network addresses are used with a permanent virtual circuit.

Port - An interface through which the customer connects to the network.

Protocol - Rules for interactions between two interfaces.

Segment - A continuous sequence of up to 64 Octets.

Subscriber - A user (customer) of Infopath service who is responsible for payment of Infopath service charges.

Switched Virtual Circuit - A communications channel (logical channel) established on a switched basis as a result of the call establishment procedure, via one network address calling another network address. The communications channel exists until the call is terminated by either the calling or called party.

Synchronous - A form of communications where characters or bits are sent in a continuous stream, with the beginning of one contiguous with the end of the preceding one. Separation of one from another requires the receiver to maintain synchronism to a master timing signal.

DIGITAL DATA COMMUNICATION SERVICE

A. INFOPATH PACKET SWITCHING SERVICE – SYNCHRONOUS (X.25 AND X.75 PROTOCOL)
(Cont'd)

2. Terms and Conditions (Cont'd)

a. Definitions (Cont'd)

Throughput – The amount of information that can be moved through an interface port to and from a customer's computer or terminal.

Throughput Class Negotiation - This function permits negotiation on a per call basis of the throughput classes/speed for each direction of data transmission. The attainable throughput on a virtual circuit is constrained by the access line characteristic, i.e. physical speed divided by the number of logical channels, the local window sizes and the number of active virtual circuits at both the local and remote DTE/DCE interface. Throughput Class is expressed in bits per second.

Transaction Service Access - A billing arrangement available to Infopath subscribers whose customers have a need to transfer small amounts of data many times each day. Minutes of use, call set-up packet and kilopacket transport charges do not apply to transaction service. However, a per transaction charge will be billed to the subscriber and local exchange usage will be billed to the end user. A "Transaction" is defined as the equivalent of 10 or less packets of data. Data transport which exceeds 10 packets of data will be charged via the current packet usage rate stated in this Product Guide.

Window Size Negotiation - The window size is defined as the maximum number of unacknowledged packets allowed at any time. Default window size is two packets. Negotiated maximum window size is seven packets.

X.25 - The international protocol that defines the interface between the customer equipment and a public packet network Data Circuit Terminating Equipment.

X.75 - The international protocol that defines the interface between public packet networks

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A. INFOPATH PACKET SWITCHING SERVICE - SYNCHRONOUS (X.25 AND X.75 PROTOCOL)
(Cont'd)

2. Terms and Conditions (Cont'd)

b. Applications

- (1) The service is available where facilities permit.
- (2) High Throughput ports utilize Digipath® Digital Service, Digipath® Digital Service II (DDS II Service), or Digital Data Service from the customer premises to the packet switch.
- (3) Medium Throughput ports utilize Data Over Voice or private line channels from the customer premises to the Infopath port.
- (4) Dial Access ports may utilize either synchronous or asynchronous modems. They may either be private ports subscribed to on a monthly basis, or public ports with reverse charge billing only. Dial Access ports are only used to originate calls into the Infopath network.

Customers access this type of service by dialing an Infopath number utilizing the customer's existing exchange line. Local exchange Product Guide rates apply for access to the Infopath packet network.

Dial Access to public ports requires the end user to input a Data Network Address (DNA) after gaining access to the Infopath network in order to connect with a particular subscriber. Usage is measured in minutes of Infopath network connection holding time and is billed to the subscriber accessed. In addition, usage charges, i.e., call set-up and subsequent packets transmitted, are billed to the subscriber accessed.

Private dial access ports are dedicated to one customer, and calls originated at these ports are automatically routed to a network address specified by the customer subscribing to the port. In addition to local usage rates, charges apply for a recurring port charge billed at a fixed monthly rate, call set-up packets and basic X.25 usage.

- (5) Service is provided in conjunction with Local Exchange Service as provided in Part A, Section 1, General Terms and Conditions, of this Product Guide.
- (6) Monthly rates do not include detailed call billing.

DIGITAL DATA COMMUNICATION SERVICE

A INFOPATH PACKET SWITCHING SERVICE - SYNCHRONOUS (X.25 AND X.75 PROTOCOL)
(Cont'd)

2. Terms and Conditions (Cont'd)

b. Applications (Cont'd)

- (7) In cases where there is no Infopath Advanced Network Processor (ANP) in the customer's serving wire center, the Infopath network may be extended to that customer's serving wire center via a dedicated inter-office channel from the nearest wire center with an available Infopath ANP. This access method is available through utilizing the terms and conditions found in Part B, Section 11, Private Line, and Part B, Section 18, Rates and Charges, of this Product Guide.

c. Classification of Service

(1) High Throughput Service

- (a) Is connected to the network via a dedicated port on the packet switch with an X.25 packet mode which conforms to NYNEX Technical Reference NTR 74250 or an X.75 packet mode which conforms to Bell Communications Research Technical Reference TR-NPL000065.
- (b) Requires DDS or DDS II Service as found in applicable Product Guides.
- (c) Available at data speeds of 9.6 kbps with up to 127 logical channels or 56 kbps with up to 511 logical channels, and up to 100 consecutive network addresses.
- (d) Can be arranged for either incoming only, outgoing only or two-way calls.
- (e) Service Order Charges in Part B, Section 18 of this Product Guide apply to rearrange any service options.
- (f) Charges are comprised of service elements, usage elements and optional service elements, where appropriate.

(2) Medium Throughput Service

- (a) Requires customer provided Data Terminal Equipment using X.25 packet mode operation which conforms to NYNEX Technical Reference NTR74250.
- (b) Requires a Data Over Voice channel, or a Private Line Channel from the customer's premise to the Infopath switching service.

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A. INFOPATH PACKET SWITCHING SERVICE - SYNCHRONOUS (X.25 AND X.75 PROTOCOL)
(Cont'd)

2. Terms and Conditions (Cont'd)

c. Classification of Service (Cont'd)

(2) Medium Throughput Service (Cont'd)

- (c) Available at data speeds of 1.2 kbps, 2.4 kbps, 4.8 kbps and 9.6 kbps.
- (d) Synchronous Service Packet mode provides for the capability of up to 32 logical channels and 10 consecutive network addresses for each port.
- (e) Connected to the Infopath network on a full time basis.
- (f) Optional feature change charges apply to rearrange any service option.
- (g) Subject to the availability of facilities.
- (h) Appropriate Service Connection Charges apply as found in Part B, Section 18 of this Product Guide.
- (i) Allows for both originating and terminating capability.
- (j) Charges are comprised of service elements, usage elements, and optional service elements where appropriate.

(3) Dial Access

There are two types of Dial Access Ports:

Private Dial Ports may be leased to subscribers of Infopath service for use by their customers. All calls which originate at these ports are billed to the Infopath subscriber and are connected to predetermined network addresses selected by the subscriber.

Public Dial Ports provide reverse billing only and are provided by the Company for use by end users in order to connect to various network addresses which they can select on a per call basis. End users must present to the network a DNA.

Dial Access is connected to the network via a dedicated port on the PAD which is connected to a modem, which in turn is connected to a dial tone line.

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- A. INFOPATH PACKET SWITCHING SERVICE - SYNCHRONOUS (X.25 AND X.75 PROTOCOL)
(Cont'd)
2. Terms and Conditions (Cont'd)
- c. Classification of Service (Cont'd)
- (3) Dial Access (Cont'd)

Dial Access is available at data speeds up to 9.6 kbps.

Dial Access is arranged to originate calls only through the Infopath network.
End users access these ports through their own Local Exchange Line by dialing the line number of the Infopath port.

The end user's modem must be compatible with the modem attached to the Infopath port.
Dial Access Ports are provided only where facilities permit at the discretion of the Company.

DIGITAL DATA COMMUNICATION SERVICE

A. INFOPATH PACKET SWITCHING SERVICE - SYNCHRONOUS (X.25 AND X.75 PROTOCOL)
(Cont'd)

3. Rates and Charges

a. High Throughput Service

Provides the capability to transmit and receive data at speeds of 9.6 kbps or 56 kbps.

Port charges include central office equipment at the packet switch and a central office data service unit. The customer must subscribe to one of the following services in order to access a high throughput port:

- Digital Data Service (Tariff FCC No. 11)
- Digipath[®] Digital Service (Part B, Section 11)
- Digipath[®] Digital Service II (Part B, Section 17)

Charges are based on usage to all network addresses in the same serving area. A charge applies for a call set-up packet, one for each switched virtual connection. Packets are accumulated and charged on a monthly basis.

For Rates and Charges, see Part B, Section 18 of this Product Guide.

b. Medium Throughput Service

Port charge includes central office equipment which provides the capability to transmit and receive data at speeds up to 9.6 kbps. The customer must subscribe to one of the following services in order to access a medium throughput port:

- Data Over Voice Service (D.O.V.) (Part B, Sec. 2.H.)
- Private Line Circuit (Part B, Section 5.C.)

Charges are based on usage to all network addresses in the same serving area. A charge applies for a call set-up packet, one for each switched virtual connection. Packets are accumulated and charged on a monthly basis.

For Rates and Charges, see Part B, Section 18.

DIGITAL DATA COMMUNICATION SERVICE

A. INFOPATH PACKET SWITCHING SERVICE – SYNCHRONOUS (X.25 AND X.75 PROTOCOL)
(Cont'd)

3. Rates and Charges (Cont'd)

c. Dial Access

Private Dial Access Service Charge consists of the following elements:

- A Service Establishment Charge. This is a one-time, non-recurring charge.
- A private Access Port Charge. This charge covers the use of a subscriber's central office exchange number and modem equipment to provide the capability to transmit and receive data at speeds up to 9.6 kbps, where facilities permit.
- Usage Charges. Normal local exchange usage rates apply from the end user's location to the point of the private port.
- In addition, the following charges apply:
 - Call set-up
 - Subsequent packets transmitted

Synchronous Dial Access

For Rates and Charges, see Part B, Section 18 of this Product Guide.

DIGITAL DATA COMMUNICATION SERVICE

A. INFOPATH PACKET SWITCHING SERVICE - SYNCHRONOUS (X.25 AND X.75 PROTOCOL)
(Cont'd)

3. Rates and Charges (Cont'd)

d. Optional X.25 Features

- (1) Incoming Calls Barred - Prevented from accepting incoming virtual calls.
- (2) Outgoing Calls Barred - Prevented from placing outgoing virtual calls.
- (3) Fast Select Acceptance - Permits up to 124 octets of user data to be received in the call requests packet and transmission of up to 124 octets of user data in the call connected or clear indication packet.
- (4) Non-Standard Default Window Size (for Permanent Virtual Circuit) - Permits the customer to select up to seven window sizes for one or both directions of transmission. If not selected, the window size for both directions of transmission is two.
- (5) Non-Standard Default Packet Size (For Permanent Virtual Circuit) - Permits the customer to select a packet size of 64, 128 or 256 octets for one or both directions of transmission. If not selected, the packet size for both directions of transmission is 128 octets.
- (6) One-Way Incoming Logical Channel - The logical channel is restricted from placing outgoing virtual calls.
- (7) One-Way Outgoing Logical Channel - The logical channel is prevented from accepting incoming virtual calls.
- (8) Multiple Line Hunt Group - Incoming calls are equally distributed over a maximum of 16 lines containing a single network address.
- (9) Reverse Charge Acceptance - Permits the designated port to accept reverse charge call.

e. Optional Feature Change Charge

See Part B, Section 18 of this Product Guide.

NOTE: If a customer requests a change after service is established, an Optional Feature Change Charge will apply for each Service Order as found in Part B, Section 18.

DIGITAL DATA COMMUNICATION SERVICE

B. INFOPATH® PACKET SWITCHING SERVICE - ASYNCHRONOUS

This service is furnished on existing installations only. Additions, rearrangements, and moves of service are not permitted.

This service is available through authorized sales channels of the Company only and is used in conjunction with Infopath Packet Switching Service – X.25 and X.75 Protocol found in this Section, Paragraph A. preceding.

1. General

Today's terminals, generally CRTs and personal computers, operate in an asynchronous mode (start-stop). Asynchronous operation transmits each character as an independent transmission, as the character is typed in the terminal. For asynchronous operation of Infopath service, the Company must provide equipment to assemble the characters into packets for transmission through the packet switched network, and disassembles the packets into characters for transmission to the end terminal. The Packet Assembler/Disassembler or PAD is used to interface terminals in the Infopath packet network. The assembled packets are multiplexed by the PAD for transmission through the network. This multiplexing function improves network efficiency.

2. Terms and Conditions

The terms and conditions for Asynchronous service are the same as for Synchronous Infopath service found in this section Paragraph A.2 preceding. In addition, the following provisions applies:

Subscribers to Private Dial Access Service pay a recurring port charge at a fixed monthly rate, in addition to call set-up packets and basic X.25 usage.

3. Asynchronous mode operation provides single channel capability conforming to NYNEX Technical Reference NTR74252 utilizing ASCII Code.

- a. Dial Access - Originates to both private dial access and public dial access ports and provides reverse charge billing only. The asynchronous low throughput service (dial access supports speeds up to 9.6 kbps) is available where facilities permit. Customers access this type of service by dialing an Infopath number utilizing the customer's existing exchange line. Local exchange Product Guide rates apply for access to the Infopath packet network.

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DIGITAL DATA COMMUNICATION SERVICE

B. INFOPATH PACKET SWITCHING SERVICE ASYNCHRONOUS (Cont'd)

3. (Cont'd)

a. (Cont'd)

Private dial access ports are dedicated to one customer, and calls originated at these ports are automatically routed to a network address specified by the customer subscribing to the port. In addition to local usage rates, charges apply for a recurring port charge billed at a fixed monthly rate, call set-up packets, and basic X.25 usage.

Public dial access ports require the end user to input a DTN, after gaining access to the Infopath network, in order to connect with a particular subscriber. Usage is measured in minutes of Infopath network connection holding time and is billed to the subscriber accessed. In addition, usage charges, as described in paragraph 4.1 below, call set-up, and subsequent packets transmitted are billed to the subscriber accessed.

- b. Dedicated Access - Requires a DOV, or a Private Line Channel. It may originate and terminate calls and may be prepaid or reverse charged.

DIGITAL DATA COMMUNICATION SERVICE

B. INFOPATH PACKET SWITCHING SERVICE ASYNCHRONOUS (Cont'd)

4. Rates and Charges

a. Asynchronous Dial Access*

(1) Private Dial Access Service Charges consist of the following elements:

- A Service Establishment Charge. This is a one-time, non-recurring charge.
- A Private Access Port Charge. This charge covers the use of a subscriber's central office exchange number and modem equipment to provide the capability to transmit and receive data at speeds up to 9.6 kbps, where facilities permit as specified in Part B, Section 18 of this Product Guide.
- Usage Charges. Normal local exchange usage rates apply from the end user's location to the point of the private port as specified in Part B, Section 18 of this Product Guide.
- In addition, the following charges apply:
 - Call set-up
 - Subsequent packets transmitted

b. Asynchronous Medium Throughput Service (Dedicated Access)

(1) Asynchronous medium throughput service period contracts are available only for contracts of fifty (50) user channels or more.

The customer may subscribe to asynchronous service on a month-to-month basis, or under 1, 2, 3, and 5 year contracts. A customer may, however, subscribe only to a maximum of two different contract periods concurrently.

A customer subscribing to service on a month-to-month basis, may, at any time, convert to a contract period by executing a Letter of Agreement for the currently effective contract periods and rates. A record order charge applies to each user channel converted to a contract period. The contract rate shall not apply retroactively.

Contracts for each customer will be effective on the date established in a signed contract and terminate 1, 2, 3 or 5 years from that date, as applicable.

* Same as Synchronous Dial Access monthly rates in Part B, Section 18 of this Product Guide. Usage Charges apply as specified in Part B, Section 18 of this Product Guide.

DIGITAL DATA COMMUNICATION SERVICE

B. INFOPATH PACKET SWITCHING SERVICE ASYNCHRONOUS (Cont'd)

4. Rates and Charges (Cont'd)

b. Asynchronous Medium Throughput Service (Dedicated Access) (Cont'd)

(1) (Cont'd)

Additional user channels subscribed to during the contract period will be billed at the contract rate and continue at that rate until the end of the contract period.

Any user channels subject to the terms of a contract rate that are disconnected prior to the contract termination date (as specified above) will be subject to termination charges calculated as follows:

Termination Charge	=	Number of user channels disconnected prior to Termination date (as Specified above)	X	Difference between month-to-month and contract rate.	X	Number of months disconnected user channels were in service.
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A customer may disconnect a user channel without incurring a termination charge, if the customer subscribes to a new user channel, at the same speed (i.e., considered a replacement) within 60 days. During this 60 day period, billing will continue without interruption for the full contract rate.

Rates

2.4 kbps	) See
4.8 kbps	) Part B, Section 18 of
9.6 kbps	) this Product Guide.

(2) Usage Charge

For Rates and Charges, see Part B, Section 18 of this Product Guide.

(3) Optional Features

For Rates and Charges, see Part B, Section 18 of this Product Guide.

DIGITAL DATA COMMUNICATION SERVICE

C. SWITCHWAY® SERVICE

Effective February 13, 2026, this service is no longer available to new customers. Moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. For wire centers specific service withdrawal information, please refer to Part H, of this Product Guide.

] (C)]

1. General

SWITCHWAY® Service uses the exchange network for data transmission. This is a digital end-to-end switched full duplex service, available either at low or high speeds.

SWITCHWAY Service customers access the service by means of a dedicated access line; a Digital Service Line, as defined in Part B, Section 2, Basic Exchange Service, of this Product Guide; or an ISDN Primary Service B Channel (utilizing the ISDN Primary Service Circuit Switched Data feature) as defined in Part B, Section 18 of this Product Guide.

2. Terms and Conditions

SWITCHWAY Service requires a digital subscriber loop facility. Where only loaded facilities are available, the Company will, at the customer's request, deload the facilities (when technically feasible) at charges based on cost. An access line provisioned by an interconnector must conform to the same facilities criteria.

a. Definitions

Access Line

A dedicated switched digital transmission path, at speeds up to 56 Kb/s, between the customer's premises and the customer's serving Central Office. The transmission path must be unloaded facilities, or fiber, between the customer's location and the Central Office.

ASCII

American Standard Code for Information Interchange. An eight level code for data transfer adopted by the American Standards Association.

Asynchronous

Transmission in which each information character is individually synchronized usually by the use of start-stop elements. The gap between each character is not of a fixed length.

Call Initiation

The point in time when the network and exchange facility are initially allocated for the establishment of a specific SWITCHWAY

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DIGITAL DATA COMMUNICATION SERVICE

C. SWITCHWAY SERVICE (Cont'd)

Effective February 13, 2026, this service is no longer available to new customers. Moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. For wire centers specific service withdrawal information, please refer to Part H, of this Product Guide.

] (C)]

2. Terms and Conditions (Cont'd)

a. Definitions (Cont'd)

Call Termination

The point when the exchange network facility allocated to a specific SWITCHWAY Service call is released for reuse by the network.

Character

An alphanumeric or symbolic unit is represented by 8 bits of data information.

Synchronous

Transmission in which there is a constant time interval between bits, characters or events.

b. Application

- (1) The General Terms and Conditions as specified in Part A, Section 1 of this Product Guide apply to this service.
- (2) Service is provided only within the Local Access Transport Area where facilities are available.
- (3) Provision of this service is subject to the availability of facilities and does not create an obligation on the Company to construct facilities especially for this service.
- (4) A customer premises data unit must be compatible with the Company's central office SWITCHWAY facilities, and is subject to the limitations specified in BELLCORE Technical Reference TR-EOP-000277 or NYNEX Technical Reference NTR74374 or NTR41458.
- (5) SWITCHWAY Service, via a dedicated access line, is available at low speed asynchronous 300 bps to 19.2 kbp/s, low speed synchronous 1.2 kbp/s to 19.2 kbp/s, or high speed synchronous 48 kbp/s or 56 kbp/s. Digital Service Line access is available at up to 64 kb/s, as defined in Part B, Section 2, Basic Exchange Service, of this Product Guide. ISDN Primary Service B Channel access (utilizing the ISDN Primary Service Circuit Switched Data feature) is available at up to 64 kb/s, as defined in Section 18 of this Product Guide.

DIGITAL DATA COMMUNICATION SERVICE

C. SWITCHWAYsm SERVICE (Cont'd)

Effective February 13, 2026, this service is no longer available to new customers. Moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. For wire centers specific service withdrawal information, please refer to Part H, of this Product Guide.

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2. Terms and Conditions (Cont'd)

b. Application (Cont'd)

- (6) Monthly rates do not include detailed call billing.
- (7) Subscribers not served directly by a suitably equipped central office will require an interoffice channel from their serving wire center to a SWITCHWAY equipped central office within the LATA. The interoffice channel will be billed to the customer under mileage rates for a voice grade circuit. The interoffice mileage rates applicable are found in Part B, Section 5 of this Product Guide.
- (8) A customer subscribing to SWITCHWAY Port Service only is not eligible for the service arrangement as described in Paragraph C.2.b(7) preceding.
- (9) The rates applicable are those in effect for Local Exchange Usage Rates as specified in P.S.C. NY Nos. 3 and 16--COMMUNICATIONS. In addition, a surcharge applies for the initial call set-up and additional minutes of use.
- (10) The minimum period for which service or port is furnished and for which charges are applicable is three months. The charges for a fractional part of a month which follows and is consecutive after three months will be a proportionate part of the monthly charge.
- (11) Temporary suspension of service arrangement is not provided.
- (12) Service connection charges apply as found in Part B, Section 18 of this Product Guide.
- (13) The System Establishment Charge - Additional, applies only to lines ordered at one time, from the same switch and to the same premises, for the same customer. The "Part Only" System Establishment Charge - Additional, applies only to parts ordered at one time, from the same switch, for the same customer.

DIGITAL DATA COMMUNICATION SERVICE

C. SWITCHWAYsm Service (Cont'd)

Effective February 13, 2026, this service is no longer available to new customers. Moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. For wire centers specific service withdrawal information, please refer to Part H, of this Product Guide.

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3. Rates and Charges

For Rates and Charges, see Part B, Section 18 of this Product Guide.

DIGITAL DATA COMMUNICATION SERVICE

D. NYNEX ENTERPRISE NETWORK RECONFIGURATION SERVICE

As of June 30, 2022, this service is not provided to new customers. Existing customers may retain the service; however, changes additions, and/or rearrangements are not permitted.

(N)
(N)

1. General

NYNEX Enterprise Network Reconfiguration Service (NENRS) enables customers to reconfigure transport services, i.e., voice grade private line, Superpath 1.5 megabit/sec service, Superpath Optical 45 megabit/sec service, DIGIPATH Digital Service II

(DDS II), or NYNEX Enterprise Service circuits, from one point to any other point within their network. Voice grade and DDS II circuits will utilize 56 kilobits per second (56 kbps) Network Access Ports to access NENRS reconfiguration capabilities. Superpath Service circuits will utilize 1.544 Megabits per second (Mbps) Network Access Ports or 45-Mbps Network Access Ports. NYNEX Enterprise Service customers will utilize NYNEX Enterprise Service DS0, Fractional DS1, DS1, Standby DS1, DS3, or Standby DS3 Network Access Ports. Customers who subscribe to NENRS in conjunction with Superpath Optical 45 megabit/sec service may only reconfigure lower-speed channels derived from those 45-Mbps or DS3 circuits.

Reconfiguration may be accomplished via contacting a NENRS attendant (Attendant Access) or the NYNEX Enterprise Service Single Point of Contact (SPOC Access). Reconfiguration may also be accomplished via a customer-provided terminal at the customer's premises issuing commands via a dial-up or private line access arrangement to the NENRS controller. The controller determines if the customer's instructions are valid and passes the appropriate commands to the Company central office-based digital cross-connect system devices to effect the reconfiguration.

Customers who subscribe to NENRS in conjunction with NYNEX Enterprise Service must also subscribe to NYNEX Enterprise SPOC Access only, as described in D. 2., following.

Subscribers to Superpath 1.5 megabit/sec service or Superpath Optical 45 megabit/sec service who wish to use NENRS to reconfigure individual channels within the capacities of either service must subscribe to the appropriate central office multiplexing arrangements to derive the individual channels to be reconfigured. Multiplexing arrangements are required to derive the individual channels from the higher capacity service and to reconstitute the individual channels back to the higher capacity service after reconfiguration is accomplished.

All circuits provided in conjunction with NENRS will continue to be provided under existing private line or digital data communications provisions of this Product Guide.

DIGITAL DATA COMMUNICATION SERVICE

D. NYNEX ENTERPRISE NETWORK RECONFIGURATION SERVICE (Cont'd)

As of June 30, 2022, this service is not provided to new customers. Existing customers may retain the service; however, changes additions, and/or rearrangements are not permitted.

(N)
(N)

2. Optional Features

- a. Automatic Reconfiguration permits a customer to have a failed service automatically routed over an alternate route without having to access the network controller. This feature allows for Dynamic Alternate Routing (DAR) and Pre-planned Alternate Routing (PAR). Automatic Reconfiguration is available on all NENRS Network Access Ports under the customer's control. The customer must subscribe to a sufficient quantity of services and NENRS Network Access Ports required to implement the alternate configuration. Automatic Reconfiguration is not available in conjunction with NYNEX Enterprise Service.
- b. Single Point of Contact (SPOC) Access provides customers with access to the NYNEX Enterprise Service SPOC for the purpose of reconfiguring a NYNEX Enterprise Service circuit. The monthly rate for SPOC Access applies regardless of whether any reconfiguration activity takes place, and is applied independently of how many channels can be reconfigured. A customer who subscribes to SPOC Access must also subscribe to a minimum of three Network Access Ports. In the case where the customer wishes to rearrange the control leg of a multipoint DS0 circuit, only one Network Access Port will apply for the entire arrangement. Channels reconfigured via SPOC Access must be NYNEX Enterprise Service DDCs and/or IDCs or incidental private line channels as described in Section 18, Paragraph I. 4. t. of this Product Guide. When reconfiguring Enterprise DS0 and fractional DS1 circuits, a working channel can only be reconfigured to an inactive channel. An inactive Enterprise DS0 or fractional DS1 channel can only be associated with a single working channel. Separate monthly rates apply for each of the following SPOC Access options:
 - (1) Scheduled Reconfiguration enables the customer to request the reconfiguration of a NYNEX Enterprise Service circuit by the SPOC on a regularly scheduled basis, based on a circuit map previously reviewed and agreed to by the customer. The customer's alternate circuit configuration must remain in place for a minimum of fifteen (15) minutes. One NENRS Network Access Port is required at each NENRS Hub for each reconfigurable channel (DDC and/or IDC).
 - (2) Requested Reconfiguration: Upon request to the SPOC, the Company will reconfigure a channel or channels of a NYNEX Enterprise Service circuit to alternate customer premises, based on a circuit map previously reviewed and agreed to by the customer. One NENRS Network Access Port is required at each NENRS Hub for each reconfigurable channel (DDC and/or IDC).

DIGITAL DATA COMMUNICATION SERVICE

D. NYNEX ENTERPRISE NETWORK RECONFIGURATION SERVICE (Cont'd)

As of June 30, 2022, this service is not provided to new customers. Existing customers may retain the service; however, changes additions, and/or rearrangements are not permitted.

(N)
(N)

2. Optional Features (Cont'd)

b. Single Point of Contact (SPOC) Access (Cont'd)

- (3) Emergency Reconfiguration in Conjunction with Standby Circuits: Upon request to the SPOC, the Company will reconfigure a channel or channels of a NYNEX Enterprise Service circuit to alternate customer premises connected to a Hub via a Standby Circuit or Circuits, as described in Part B, Section 17, Paragraph I. of this Product Guide, based on a circuit map previously reviewed and agreed to by the customer. One NENRS Network Access Port is required for each reconfigurable channel (DDC and/or IDC).

Requests for reconfiguration of Enterprise Channels from customers who subscribe to Emergency Reconfiguration in Conjunction with Standby Circuits will take priority over requests from customers who subscribe to Requested Reconfiguration.

- (4) Emergency Reconfiguration: Upon request to the SPOC, the Company will reconfigure a channel or channels of a NYNEX Enterprise Service circuit to alternate customer premises, based on a circuit map previously reviewed and agreed to by the customer. One NENRS Network Access Port is required at each NENRS Hub for each reconfigurable channel (DDC and/or IDC).

Requests for reconfiguration of Enterprise Channels from customers who subscribe to Emergency Reconfiguration will take priority over requests from customers who subscribe to Emergency Reconfiguration in Conjunction with Standby Circuits or Requested Reconfiguration.

3. Definitions of Terms

- a. Attendant Access is a method of network controller access, providing customers with the ability to contact a Company attendant who performs the reconfiguration or management function at the customer's request. Reconfiguration of NYNEX Enterprise Service circuits may not be accomplished via Attendant Access.
- b. Digital Cross-Connect System functions as an electronic switching node allowing circuits to be cross-connected.
- c. Dynamic Alternate Routing (DAR) automatically reconfigures a failed service between two Company locations.
- d. Network Access Ports are the circuit entry/exit termination points on the digital cross-connect devices.

DIGITAL DATA COMMUNICATION SERVICE

D. NYNEX ENTERPRISE NETWORK RECONFIGURATION SERVICE (Cont'd)

As of June 30, 2022, this service is not provided to new customers. Existing customers may retain the service; however, changes additions, and/or rearrangements are not permitted.

(N)
(N)

3. Definitions of Terms (Cont'd)

- e. Network Controller is the central computer system used to control the reconfiguration of customer private line networks provisioned through digital cross-connect system devices.
- f. Network Controller Access is the connection from the customer's premises to the centrally located network controller which provides customers with the management and control function for NYNEX Enterprise Network Reconfiguration Service.
- g. Pre-planned Alternate Routing (PAR) automatically reconfigures service provided between a customer designated premises and a Company location. PAR occurs based on alternate routing instructions previously provided by the customer.
- h. Single Point of Contact (SPOC) Access provides customers with access to the NYNEX Enterprise Service SPOC for the purpose of reconfiguring a NYNEX Enterprise Service circuit.

4. Terms and Conditions

- a. This service is available only at specific locations where facilities are available. The Company reserves the right to determine where equipment is to be deployed, including the availability of network controller access terminations.
- b. The customer may choose to pay for this service on a month-to-month basis or under a service period plan. In all cases, the customer of record will receive a monthly bill. A customer may subscribe to more than one service period plan concurrently.
- c. A three-month minimum service period applies to NENRS Network Access Ports.
- d. Service Discount Plans are available for a commitment period of 3, 5 or 7 years. Customers who subscribe to NENRS in conjunction with NYNEX Enterprise Service may subscribe to NENRS Network Access Ports for a commitment period of 13 to 84 months, consistent with the service period selected for their NYNEX Enterprise Service DDCs and IDCs. Customers may add NENRS capabilities to existing NYNEX Enterprise Service circuits for the balance of an existing NYNEX Enterprise Service commitment period, at rates as specified for the existing commitment period. The monthly rates for service periods of 13 to 36 months will be as specified in the Rate Schedule for NENRS for a service period of 3 years; the monthly rates for service periods of 37 to 60 months will be as specified in the Rate Schedule for NENRS for a service period of 5 years; and the monthly rates for service periods of 61 to 84 months will be as specified in the Rate Schedule for NENRS for a service period of 7 years.

DIGITAL DATA COMMUNICATION SERVICE

D. NYNEX ENTERPRISE NETWORK RECONFIGURATION SERVICE (Cont'd)

As of June 30, 2022, this service is not provided to new customers. Existing customers may retain the service; however, changes additions, and/or rearrangements are not permitted.

(N)
(N)

4. Terms and Conditions (Cont'd)

d. (Cont'd)

The length of the period is selected by the customer. Except as set forth in provisions g. and k. following, if a Network Access Port is disconnected prior to the end of the selected commitment period, the customer is liable for a termination liability charge. The termination liability charge applies to each Network Access Port disconnected or, in the case of cancellation of a Service Discount Plan, to each Network Access Port which has been included in the cancelled Service Discount Plan. When calculating termination liability charges, the Company will apply the option which provides the customer with the lowest termination liability charge.

(1) Option 1

- (a) For disconnects on or prior to the end of the minimum service period and prior to the end of the selected commitment period, the termination liability charge is 50% of the applicable monthly rates for each month and fraction thereof remaining between the end of the minimum service period and the end of the selected commitment period. The termination liability charge applies in addition to the applicable minimum service period charges.
- (b) For disconnects after the end of the minimum period but prior to the end of the selected commitment period, the termination liability charge is 50% of the applicable monthly rates for each month and fraction thereof in the balance of the selected commitment period.

(2) Option 2

- (a) For disconnects on or prior to the end of the minimum service period and prior to the end of the selected commitment period, the termination liability charge will be the difference between the full monthly rates and the discounted monthly rates for the period the Network Access Ports have been in effect..

For disconnects after the minimum period but prior to the end of the selected commitment period the following applies:

- i. Where there is no Service Discount Plan period less than the actual time the Network Access Ports have been in effect, the termination liability charge will be the difference between the full monthly rates and the discounted monthly rates for the period the Network Access Ports have been in effect.

DIGITAL DATA COMMUNICATION SERVICE

D. NYNEX ENTERPRISE NETWORK RECONFIGURATION SERVICE (Cont'd)

As of June 30, 2022, this service is not provided to new customers. Existing customers may retain the service; however, changes additions, and/or rearrangements are not permitted.

(N)
(N)

4. Terms and Conditions (Cont'd)

d. (Cont'd)

(2) Option 2

(a) (Cont'd)

- ii. Where there is a Service Discount Plan period less than the actual time the Network Access Ports have been in effect, the termination liability charge will be the difference between the monthly rates for the highest Service Discount Plan period that could have been satisfied prior to disconnection of the Network Access Ports and the monthly rates for the selected commitment period multiplied by the actual number of months the Network Access Ports have been in effect. For example, if a customer has a 5-year plan and disconnects a 1.544 Network Access Port after forty months, the highest Service Discount Plan period that could have been satisfied is three years. To determine the termination liability charge, the monthly rate for the 5-year plan is subtracted from the monthly rate for the 3-year plan and the difference is multiplied by the forty months that the 1.544 Network Access Port had been in effect.

- e. Service period plan discounts apply only to Network Access Port month-to-month rates. The discount does not apply to Network Controller Access rates, SPOC Access rates, or nonrecurring charges.

A service period plan discount provides that the applicable month-to-month rates are reduced by a fixed percentage. This discount has been incorporated in the service period plan rates shown in Part B, Section 18 of this Product Guide. The amount of the discount percentage differs based on the length of the selected service period as follows:

*56 kbps Termination and 1.544 mbps Termination

<u>Service Period</u>	<u>Discount Percentage</u>
3 years	10%
5 years	20%
7 years	30%

DIGITAL DATA COMMUNICATION SERVICE

D. NYNEX ENTERPRISE NETWORK RECONFIGURATION SERVICE (Cont'd)

As of June 30, 2022, this service is not provided to new customers. Existing customers may retain the service; however, changes additions, and/or rearrangements are not permitted.

(N)
(N)

4. Terms and Conditions (Cont'd)

e. (Cont'd)

NYNEX Enterprise DSO, Fractional DS1, Standby DS1, DS1, Standby DS3, or DS3 Terminations

<u>Service Period</u>	<u>Discount Percentage</u>
3 years	10%
5 years	20%
7 years	30%

The discount percentage will not be subject to Company initiated decrease during that period. However, if the Company initiates an increase in the discount percentage during that period, that increased discount will be used to determine the rates applicable to the customer.

- f. If a customer changes from their present service period plan to a longer service period plan, no termination charge will apply; however, a record order charge as specified in Part B, Section 18 of this Product Guide will apply. Customers changing to a shorter service period plan will incur termination charges as specified in provision d. preceding.
- g. A customer subscribing to a Service Discount Plan will not incur a termination liability charge if a request is made to disconnect some or all of its discounted 56 kbps Network Access Ports in order to replace them with 1.544 Mbps Network Access Ports provided that: 1) the orders for the disconnects and the connects are placed with the Company within 60 days of each other, 2) the new 1.544 Mbps Network Access Ports are provided on the same digital cross-connect system as the 56 kbps Network Access Ports were, 3) the new 1.544 Mbps Network Access Ports have a total channel capacity equal to or greater than the total channel capacity of the 56 kbps Network Access Ports being disconnected, and 4) the new 1.544 Mbps Network Access Ports are provided under a Service Discount Plan for a commitment period equal to or longer than that of the 56 kbps Network Access Ports being disconnected. For the purposes of this provision, NYNEX Enterprise DSO Network Access Ports and NYNEX Enterprise DS1 Network Access Ports are considered equivalent to 56-kbps and 1.544-Mbps Network Access Ports, respectively.

* Service Discount Plans do not apply to 45 mbps terminations.

DIGITAL DATA COMMUNICATION SERVICE

D. NYNEX ENTERPRISE NETWORK RECONFIGURATION SERVICE (Cont'd)

As of June 30, 2022, this service is not provided to new customers. Existing customers may retain the service; however, changes additions, and/or rearrangements are not permitted.

(N)
(N)

4. Terms and Conditions (Cont'd)

- h. NYNEX Enterprise Network Reconfiguration Service does not include the provision of transport services, i.e., Local Distribution Channel or Interoffice Mileage. Rates and Charges for transport services are specified in Part B, Section 18 of this Product Guide.
- i. In the event a customer presently subscribes to a transport service provided by the Company, that circuit will have to be disconnected and connected to a central office served by a digital cross-connect system device. Charges specified in the existing transport Product Guide, Part B, Section 18 of this Product Guide, will apply.
- j. When the jurisdiction of a Network Access Port furnished under a Service Discount Plan is changed to interstate, no termination liability charge applies provided the Network Access Port is furnished under an interstate Service Discount Plan.
- k. When a customer with existing Network Access Ports under a Service Discount Plan wishes to replace one or more of the Network Access Port(s) included in that Service Discount Plan with other new or existing Network Access Port(s) of the same type, as appropriate, for the balance of the commitment period for that Service Discount Plan, no termination liability charge will apply provided that the orders for the disconnects and the connects are placed with the Company within 60 days of each other and the number of Network Access Ports included in the Service Discount Plan remains the same. However, a service order charge as specified in Part B, Section 18 of this Product Guide applies.
- l. Degradation of the system response time may occur during periods of heavy usage.
- m. Customers with Superpath Optical 45 megabit/sec service transport will incur central office multiplexing charges as stated in Part B, Section 18, in order to connect to Network Access Ports at 1.544 Mbps. In addition, these customers will incur rates and charges shown in Part B, Section 18 for each 1.544 Mbps termination. If a Superpath Optical 45 megabit/sec service channel is further multiplexed to the voice grade level by use of the multiplexing arrangement shown in Part B, Section 18, the 56 kbps port termination shown in Part B, Section 18 will apply.
- n. Customers with Superpath 1.5 megabit/sec service transport will incur rates and charges shown in Part B, Section 18 for each 1.544 Mbps termination. If a Superpath 1.5 megabit/sec service channel is multiplexed to the voice grade level by use of the multiplexing arrangement shown in Part B, Section 18, the 56 kbps port termination rates and charges shown in Part B, Section 18 apply.

DIGITAL DATA COMMUNICATION SERVICE

D. NYNEX ENTERPRISE NETWORK RECONFIGURATION SERVICE (Cont'd)

As of June 30, 2022, this service is not provided to new customers. Existing customers may retain the service; however, changes additions, and/or rearrangements are not permitted.

(N)
(N)

4. Terms and Conditions (Cont'd)

- o. An interconnector, as defined in Part B, Section 10 of this Product Guide, may request connection of the interconnector's multiplexing node to interoffice mileage in a Company central office. When connection is provided, the specified NENRS rates will apply. A Service Access Charge and a Universal Service Element specified in Part B, Section 18 of this Product Guide will apply for the connection of the interconnector multiplexing node location within the central office to NENRS. Product Guide rates will apply for all other NENRS elements provided.
- p. A nonrecurring liability charge will apply to each 45 Mbps Network Access Port termination disconnected within the first twelve months of service. This charge provides for the recovery of costs associated with the installation of service. When service is disconnected during the nonrecurring charge recovery period of twelve months, the customer shall be responsible for the balance of charges not yet recovered. This will be determined by multiplying the current nonrecurring liability charge shown in Part B, Section 18 by the number of months remaining in the recovery period.
- q. A customer who discontinues a Service Discount Plan for Network Access Ports will not incur termination liability charges for the underlying transport services, provided that the Service Discount Plan for those transport services remains in effect. The service period for the underlying transport services remains the same.

6. Rates and Charges

For Rates and Charges currently in effect, see Part B, Section 18 of this Product Guide.

DIGITAL DATA COMMUNICATION SERVICE

E. DIGIPATH® DIGITAL SERVICE II

Effective February 13, 2026, this service is no longer available to new customers. Moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. For wire centers specific service withdrawal information, please refer to Part H, of this Product Guide.

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1. General

DIGIPATH® Digital Service II (DDS II) is a private line digital service which provides for simultaneous two-way transmission of digital signals at synchronous speeds of 2.4, 4.8, 9.6, 19.2 or 56 kbps between two or more points within a LATA.

DDS II customers may utilize interoffice digital transport channel or Superpath 1.5 megabit/sec service and Central Office Multiplexing for this service.

Secondary Channel Capability is an optional feature which permits a primary channel to be used with customer-provided Data Service Units which can derive a lower bit rate channel for simultaneous two-way synchronous transmission of digital signals at bit rates of 133 1/3, 266 2/3, 533 1/3, 1066 2/3 or 2666 2/3 bits per second, depending on the primary channel speed between two or more customer premises.

2. Definitions

Bit

The term "bit" denotes the smallest unit of information in the binary system of notation.

Channel Service Unit/Data Service Unit

Channel Service and Data Service Units provide the interface to a customer terminal. They provide functions such as signal translation, data regeneration, control signaling, reformatting and timing. This interface is used with a local distribution channel for speeds up to 56 kbps and is subject to specifications in Technical Reference Publication 62310.

Serving Wire Center

Company location from which a customer would be served for local exchange telephone service.

Primary Channel

The term "Primary Channel" means a Digipath Digital Service II Channel to the customer premises.

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DIGITAL DATA COMMUNICATION SERVICE

Effective February 13, 2026, this service is no longer available to new customers. Moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. For wire centers specific service withdrawal information, please refer to Part H, of this Product Guide

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E. DIGIPATH DIGITAL SERVICE II (Cont'd)

2. Definitions

Secondary Channel

The term "Secondary Channel" means an independent lower speed derived companion channel operating with the primary channel of a DIGIPATH Digital Service II channel to the customer premises.

Node

A "Node" is a digital central office serving a customer location.

Channel Termination

A Channel Termination is a transmission path between the customer premises and the customer's serving wire center where DIGIPATH Digital Service II capability exists.

Interoffice Channel

An Interoffice Channel is a transmission path between serving wire centers where DIGIPATH DigitalService II capability is available.

Two-Station Service

Two-Station Service consists of two channel terminations furnished in the same serving wire center or two channel terminations furnished in different serving wire centers connected by an interoffice channel.

Multi-Station Service

Multi-Station Service consists of three or more channel terminations from a customer premises to a Company-designated node located in a Company-designated central office with the capability to connect multiple stations.

Multiplex Option

Multiplex option permits a subscriber to multiplex up to 24 DIGIPATH Digital Service II channel terminations at a Company-designated node.

DIGITAL DATA COMMUNICATION SERVICE

Effective February 13, 2026, this service is no longer available to new customers. Moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. For wire centers specific service withdrawal information, please refer to Part H, of this Product Guide.

] (C)]

E. DIGIPATH DIGITAL SERVICE II (Cont'd)

3. Terms and Conditions

- a. The provisions specified herein are in addition to other applicable provisions specified in this Product Guide. All rates and charges set forth in this Product Guide provide for the furnishing of services where suitable facilities are available.
- b. Channel terminations must have technically compatible customer provided equipment at both ends.
- c. Mileage measurements for DDS II are based on the airline distance using longitude and latitude coordinates between the serving wire centers.
- d. When a subscriber's locations are served by separate serving central offices on a two point service, appropriate interoffice channel rates apply between the two serving offices.
- e. Interoffice mileage charges apply on Multi-station Service to all subscriber non-nodal central office locations from the subscriber's serving central office to the Company-designated node.
- f. On a Multiplex Option, when a subscriber is located in a non-nodal serving central office individual DIGIPATH Digital Service II Channels are provided to a Company-designated node at rates for individual DIGIPATH Digital Service II Channel terminations and interoffice channel mileage as appropriate. In addition, Local Distribution Channel, Interoffice Channel and Central Office Multiplexing provisions rates and charges apply for Superpath1.5 and Optical 45 megabit/sec services as specified in Part B, Section 18 for the channel segment from the node to the customer premises.
- g. Secondary Channel Capability Option
 - (1) This optional feature may be ordered at the same time the Primary Channel is ordered or it may be ordered as an addition to existing DDS II service.
 - (2) Customers must agree to out-of-service periods required to add this feature to an existing DDS II service.
 - (3) Customers must provide customer premises equipment which is compatible with the Secondary Channel interface requirements specified in TR-NPL-000157.
 - (4) Service is not available on a DDS II Primary Channel which requires regenerative repeaters in the loop to the customer premises

DIGITAL DATA COMMUNICATION SERVICE

Effective February 13, 2026, this service is no longer available to new customers. Moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. For wire centers specific service withdrawal information, please refer to Part H, of this Product Guide

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E. DIGIPATH DIGITAL SERVICE II Cont'd)

3. Terms and Conditions (Cont'd)

- h. The minimum period, for which service is furnished and for which charges are applicable, is one month.

4. Service Discount Plans

- a. Service Discount Plans are available for a commitment period 3, 5, 7 or 10 years. The length of the period is selected by the customer and a termination liability applies if service is terminated during the selected commitment period. The discount plans apply only to the monthly rate for channel termination and interoffice channels. Nonrecurring charges and optional feature monthly rates are not included.

A service Discount Plan provides that the applicable monthly rates, as set forth herein, are reduced by a fix percentage. The amount of the discount percentage differs based on the length of the selected commitment period as follows:

<u>Commitment Period</u>	<u>Discount Percentage</u>
3 years	10%
5 years	20%
7 years	22%
10 years	26%

The discount percentage is applied to the currently effective channel termination and interoffice channel monthly rates. Such rates may change during the commitment period, thereby causing an increase or decrease in the rates applicable to the customer.

- b. Termination Liability

Option 1

If service is disconnected in whole or in part prior to the end of the selected commitment period, the customer is liable for a termination liability charge. Further, except as provided in c., d. and e. following, when a customer cancels a Service Discount Plan prior to the end of the selected commitment period, the customer is liable for a termination liability charge with regard to the cancelled services.

The termination liability charge applies to each service disconnected or, in the case of cancellation of a Service Discount Plan, to each service which has been included in the cancelled Service Discount Plan.

DIGITAL DATA COMMUNICATION SERVICE

Effective February 13, 2026, this service is no longer available to new customers. Moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. For wire centers specific service withdrawal information, please refer to Part H, of this Product Guide.

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E. DIGIPATH DIGITAL SERVICE II (Cont'd)

4. Service Discount Plans (Cont'd)

b. Termination Liability (Cont'd)
Option 1 (Cont'd)

The termination liability charge is 50% of the applicable monthly rates for the selected commitment period applied as follows:

$$\begin{array}{rcccl} \text{Termination} & & \text{Service Discount Plan} & & \text{Number of Months} \\ \text{Charge} & = & \text{Monthly Rate} & \times & \text{Remaining in} \\ & & & & \text{Service Discount} \\ & & & & \text{Plan} \end{array} \times 50\%$$

Option 2

For disconnects on or prior to the end of the minimum period and prior to the end of the selected commitment period, the termination liability charge will be the difference between the full monthly rates and the discounted monthly rates for the period the service has been in effect.

For disconnects after the minimum period but prior to the end of the selected commitment period and for cancellations of the Service Discount Plan prior to the end of the selected commitment period one of the following formulae applies:

- (1) When there is no Service Discount Plan period less than the actual time the service has been in effect, the termination liability charge will be the difference between the full monthly rates and the discounted monthly rates for the period the service has been in effect; or
- (2) Where there is a Service Discount Plan period less than the actual time the service has been in effect, the termination liability charge will be the difference between the monthly rates for the highest Service Discount Plan period that could have been satisfied prior to disconnection of the service or cancellation of the plan and the monthly rates for the selected commitment period multiplied by the actual number of months the service has been in effect. For example, if a customer has a 5-year plan and disconnects a DIGIPATH Digital Service II after forty months, the highest Service Discount Plan period that could have been satisfied is three years. To determine the termination liability charge, the monthly rate for the 5-year plan is subtracted from the monthly rate for 3-year plan and the difference is multiplied by the forty months that the service had been in effect.

DIGITAL DATA COMMUNICATION SERVICE

Effective February 13, 2026, this service is no longer available to new customers. Moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. For wire centers specific service withdrawal information, please refer to Part H, of this Product Guide.

] (C)]

E. DIGIPATH DIGITAL SERVICE II (Cont'd)

4. Service Discount Plans (Cont'd)

c. Additions of Service

When a customer with an existing Service Discount Plan wishes to increase the number of services, the following options are available:

- (1) Subscribe to the additional services under non-discounted rates.
- (2) Subscribe to the additional services under a separate Service Discount Plan.
- (3) Cancel an existing Service Discount Plan and include both the existing and the additional services under a new Service Discount Plan for a commitment period equal to or longer than the original period. (No termination charges will apply.)

d. Extension of Commitment Period

A customer may, at any time prior to the expiration of the selected commitment period for an existing Service Discount Plan, change to a Service Discount Plan with a longer commitment period at the new discount percentage. No termination liability charges will apply for the services extended to the longer commitment period. The monthly rates applicable for the longer commitment period will apply effective with the next bill date following the request for the change.

e. Moves, Changes and Substitutions of Service

Moves

A customer subscribing to a Service Discount Plan will not incur a termination liability charge if a service subject to the Service Discount Plan is ordered moved to a new location.

Replacements

A customer subscribing to a Service Discount Plan will not incur a termination liability charge if, upon cancellation of a service provided under a Service Discount Plan, the customer places a new or existing service of the same type not covered under a discount plan under the terms and conditions applicable to the disconnected service. The orders to disconnect the service and substitute the existing non-discounted service under the Service Discount Plan must be placed with the company within sixty (60) days of each other.

DIGITAL DATA COMMUNICATION SERVICE

Effective February 13, 2026, this service is no longer available to new customers. Moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. For wire centers specific service withdrawal information, please refer to Part H, of this Product Guide.

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E. DIGIPATH DIGITAL SERVICE II (Cont'd)

4. Service Discount Plans (Cont'd)

e. Moves, Changes and Substitutions of Service (Cont'd)

Upgrades

A customer subscribing to a Service Discount Plan will not incur a termination liability charge when the replacement service bit rate capacity is equivalent to or greater than the bit rate capacity of the service being discontinued and the Service Discount Plan for the replacement service is renegotiated for the same or a longer commitment period.

f. Rate Provisions

Where the Service Discount Plan is requested to be provided coincident with the connection of new service, it will be effective with the establishment of service.

Where the Service Discount Plan is requested to be provided on existing services, the effective date will be the first bill date following the issuance of the service order requesting the discount.

At the end of its selected commitment period, the customer will have the option of subscribing to any then effective Service Discount Plan or of retaining the service under the standard rates in effect at that time. If the customer does not execute a new Service Discount Plan prior to the expiration of the commitment period, standard monthly rates will be applied upon expiration of the commitment period.

6. Rates and Charges

For Rates and Charges currently in effect, see Part B, Section 18 of this Product Guide.

DIGITAL DATA COMMUNICATION SERVICE

- F. ISDN PRIMARY SERVICE - On or after August 10, 2026, Verizon will withdraw all ISDN Primary Services, including all associated features, from this Product Guide. Customers under contract for these services, will remain subject to the existing terms and conditions until the end of the contract term.

] (N)]

1. General

ISDN Primary Service provides a subscriber with a direct digital connection between the customer's premises and the Verizon Central Office, via switched access, to one or more public and/or private services. This service arranges the 64 kilobits per second (Kbps) channels of Digital Transmission Facility into 23 B (Bearer) channels and 1 D channel or 24 B channels under control of a D channel in another Digital Transport Facility (DTF). The B channels carry voice and data traffic at speeds up to 64 Kbps and are connected to one or a combination of public and/or private services. The D channel carries the out-of-band signaling required to control its associated B channels.

The service is utilized to connect ISDN compatible subscriber provided premises equipment to a suitably equipped Company node. The full 24 channels will be available at the ISDN port termination at the central office switch. The subscriber may choose to activate a subset or all of the channels at the port termination or have multiple ISDN Primary Service ports to connect multiple DTF's.

Both basic service capabilities and optional features are available.

The voice usage charges generated by using ISDN Primary Service will be identified and charged in accordance with the associated class of service with which ISDN Primary Service is used. Local usage charges for Circuit Switch Data calls will be billed on a local usage sensitive basis, as specified in this Product Guide. Toll charges will apply when circuit switched data calls are made outside of the customer's Local Exchange Area.

INTEGRATED SERVICES DIGITAL NETWORK (ISDN) facilitates end-to-end digital connectivity to support a variety of services to which subscribers have access by a set of standard interfaces.

ISDN Primary Service will support the capabilities of Circuit Switched Voice and Circuit Switched Data. Circuit Switched Voice provides digitized speech or voiceband data access in conjunction with existing services. Circuit Switched Data supports data transmission at speeds up to 64 Kbps.

2. Explanation of Terms

An INTEROFFICE TERMINATION PORT provides for ISDN Primary Service capabilities to be connected between suitably equipped Company nodes via dedicated facilities. (Additional provisioning requirements are specified in the Terms and Conditions Section.)

A NODE is a Company digital Company central office switch serving subscriber locations.

DIGITAL DATA COMMUNICATION SERVICE

- F. ISDN PRIMARY SERVICE - On or after August 10, 2026, Verizon will withdraw all ISDN Primary Services, including all associated features, from this Product Guide. Customers under contract for these services, will remain subject to the existing terms and conditions until the end of the contract term. (Cont'd)]
(N)

2. Explanation of Terms (Cont'd)

A PORT is a DS-1 node termination that interfaces directly to a 1.5 Mbps Digital Transport Facility (DTF), and is capable of handling channels configured as 23B + 1D or 24B.

A DIGITAL TRANSPORT FACILITY (DTF) is a 1.5 Mbps facility between a subscriber's premises network interface and a port located at the Verizon Central Office. The DTF supports channels configured as 23B + 1D or 24B.

A B CHANNEL is a 64 Kbps transmission facility that supports voice, and/or data communications. B Channels can be utilized through out-of-band signaling (via the D Channels).

A D CHANNEL is a 64 Kbps transmission facility used for out-of-band signaling and control of the B channels.

CLEAR CHANNEL provides for the full utilization of the bandwidth in a channel which is 64 Kbps.

REMOTE / HOST SWITCHING CLUSTER - A Remote/Host Switching Cluster exists when the remote office is dependent on the host for its software call processing. A remote switch can process only intraoffice calls without the host switch.

3. Feature Description

- a. Standard Features - The following features are provided when a subscriber subscribes to ISDN Primary Service:

- (1) 64 Kbps Clear Channel Transport - Uses standard B8ZS (bipolar 8 zero substitution) protocol for transport at the 64 Kbps rate.
- (2) Circuit Switched Voice - provides digitized speech or voiceband data access in conjunction with, but not limited to, existing services such as Direct Inward Dialing, Outward Dialing and WATS, and Dedicated Toll-Free Services.
- (3) Circuit Switched Data - supports transmission speeds up to 64 Kbps data.
- (4) Flexible Service Selection – provides the subscriber with the ability to utilize D channel signaling to dynamically allocate B channels on a call by call basis. The maximum number of calls per call type will be established by the subscriber; the subscriber will also indicate what types of traffic will be transported across the ISDN Primary Service port for usage billing purposes. Subsequent changes are provisioned via service order.

DIGITAL DATA COMMUNICATION SERVICE

- F. ISDN PRIMARY SERVICE - On or after August 10, 2026, Verizon will withdraw all ISDN Primary Services, including all associated features, from this Product Guide. Customers under contract for these services, will remain subject to the existing terms and conditions until the end of the contract term. (Cont'd)]
(N)

3. Feature Description (Cont'd)]

- b. Optional Features – Depending on the technology available the following optional features are available with ISDN Primary Service:

- (1) Backup D Channel – allows another channel in a different DTF at the same subscriber provided premises equipment to be designated as the alternative D channel. This feature is only available when the subscriber also purchases Multiple Facility Signaling Control. This feature is included in the Term and Volume Packages.
- (2) Calling Line Identification delivers the calling party's telephone number, if available, to the ISDN Primary Service subscriber. The number will be delivered if the call originates either in the same node as the ISDN Primary Service subscriber or is connected to the ISDN Primary node by Signaling System 7. This feature is provided per port. Standard Term and Volume Packages, 1, 2 or 3 year Term and Volume II packages, and PRIs on a 2 or 3-year Corporate Rewards Package receive discounted rate for this feature. (D)
- (3) Channel Configuration – allows a subscriber to dedicate discrete subsets of B Channels to specific call types. Subsequent channel configuration changes are made via service order. This feature is provided per trunk group established. (Not supported by the DMS-100 switch). (D)
- (4) Intercom Capability – allows completion of calls between an ISDN Primary Service subscriber and other digital Centrex or ISDN Primary Service locations within the same subscriber network. Usage charges for intercom use will not apply. This feature is provided per channel or as an ISDN Primary Service Package (10 or more B Channels, per port).

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DIGITAL DATA COMMUNICATION SERVICE

- F. ISDN PRIMARY SERVICE - On or after August 10, 2026, Verizon will withdraw all ISDN Primary Services, including all associated features, from this Product Guide. Customers under contract for these services, will remain subject to the existing terms and conditions until the end of the contract term. (Cont'd)]
(N)
3. Feature Description (Cont'd)
- b. Optional Features (Cont'd)
- (5) Multiple Facility Signaling Control – allows the D channel of one ISDN Primary Service DTF to provide signaling for up to 19 other ISDN Primary Service DTFs at the same subscriber provided premises equipment. This feature is provided per Controlling D Channel. This feature is included in the Term and Volume Packages.
- (6) Network Ring Again - allows a calling station which encounters a busy signal within the subscriber network to be notified by the central office switch when the called station becomes idle. The calling station can then automatically re-dial the call. This feature is provided per Controlling D Channel. (Not supported by the 5ESS switch).
- (7) Calling Line Identification with Name allows the user to have access to the directory number and name of the calling party. Standard Term and Volume Packages, Term & Volume II packages and PRIs on a 2 or 3-year Corporate Rewards Package receive a discounted rate for this feature. (D)
(D)
(D)
- (8) Two "B" Channel Transfer - allows the customer premises equipment to accept a call, which the user can then transfer, releasing both "B" Channels.
- (9) Redirecting Number - allows the original calling party number plus the last calling party number to be passed to the end user when a call is forwarded or redirected. The user must have Calling Line Identification or Calling Line Identification with Name to enable this feature.
- (10) Modified Redirecting Number - allows the number of the original called party, plus the last redirected calling party number, to be passed to the end user when a call is forwarded or redirected. The user must have Calling Line Identification or Calling Line Identification with Name plus Redirecting Number to enable this feature.

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DIGITAL DATA COMMUNICATION SERVICE

- F. ISDN PRIMARY SERVICE - On or after August 10, 2026, Verizon will withdraw all ISDN Primary Services, including all associated features, from this Product Guide. Customers under contract for these services, will remain subject to the existing terms and conditions until the end of the contract term. (Cont'd)]
(N)

3. Feature Description (Cont'd)

b. Optional Features (Cont'd) :

(11)Optional Feature Package – This feature package includes Calling Line Identification with Name and Redirecting Number.

(12)PRI Station Detail Billing – provides individual station call details for all stations utilizing a customer's ISDN Primary Service at an account level on a monthly basis.

(13)ISDN PRI Service Portability – allows a customer to request that one or more of their ISDN Primary Service Port(s) and Telephone Numbers be provisioned from an alternate switch in the same rate area as defined by the Company.

(14)Remote/Host Number

Remote/Host Number is a standard arrangement, which provides a customer served by a Remote/Host Switching Cluster, as described in F.2. preceding, utilizing ISDN service from an alternate serving central office (Host), with numbers from the customer's normal serving central office (Remote), thereby retaining the calling area of the remote office. The customer's physical location must be in the remote switch calling area. If the customer's physical location is not in the remote switch calling area, PRI Foreign Exchange Product Guide rates apply. This feature is limited by availability of facilities and covers remote/host switching clusters only.

Hunting is not allowed between the Remote/Host Numbers and ISDN PRI arrangements with the Host Numbers.

4. Terms and Conditions

- a. ISDN Primary Service is provided subject to the availability of facilities and node software and hardware.

DIGITAL DATA COMMUNICATION SERVICE

- F. ISDN PRIMARY SERVICE - On or after August 10, 2026, Verizon will withdraw all ISDN Primary Services, including all associated features, from this Product Guide. Customers under contract for these services, will remain subject to the existing terms and conditions until the end of the contract term. (Cont'd)

4. Terms and Conditions** (Cont'd)

- b. The minimum service period is one month, except that the minimum service period for Term agreements is twelve months. Additions to the initial service under term agreements are subject to a twelve month minimum service period. Each ISDN Primary Service* port and DTF* under a term agreement in service for less than twelve months is subject to termination charges calculated as follows:

Quantity of Ports	X	Monthly ISDN Primary Port Rate	X	12 months less # months in-service
Quantity of DTFs	X	Monthly ISDN Primary DTF Rate	X	12 months less # months in-service

Subscribers under contract pricing (minimum of 24 months) who choose to disconnect service will incur a termination liability charge per Port, DTF and Optional Features disconnected. The termination liability charge is the difference between the (higher) monthly rates for the next shortest service period and the contractual monthly rate, multiplied by the number of months that the terminated Port(s), DTF(s) and Optional Features have been in service. For example, if a customer signed a 5-year contract (any combination of Ports / DTFs / Optional Features) and disconnects after 40 months, the termination liability charge is determined by subtracting the monthly rate for the 5-year service period from the monthly rate for the next shortest service period (3 years), then multiplying the difference by the 40 months that the service had been in effect. Termination Liability will not apply to the DTF when customers upgrade their ISDN PRI service to be provisioned over other facilities with a bandwidth greater than 1.544 Mbps.

Effective 1/30/2009, the Termination Liability will change for all new standard term, Term and Volume, and Term and Volume II agreements. When a subscriber terminates one of the plans above prior to the expiration of the term, the subscriber will be subject to termination liability equal to 25% of the monthly rate times the remaining months in service.

Termination Liability does not apply to optional features. The termination liability charge will not apply when a customer converts from PRI Port and DTF to a PRI Port when the PRI is connecting to an alternative high capacity facility.

DIGITAL DATA COMMUNICATION SERVICE

- F. ISDN PRIMARY SERVICE - On or after August 10, 2026, Verizon will withdraw all ISDN Primary Services, including all associated features, from this Product Guide. Customers under contract for these services, will remain subject to the existing terms and conditions until the end of the contract term. (Cont'd)]
(N)
4. Terms and Conditions (Cont'd)]
(D)
- c. Termination charges are waived for an existing FLEXPATH subscriber who disconnects FLEXPATH and subscribes to ISDN Primary Service provided that the quantity of DTFs and ports are preserved.
 - d. A subscriber may convert an existing contract to a new contract without incurring a termination liability charge providing the monetary value of the new contract is equal to or greater than the remaining value of the existing contract. The subscriber will be charged a record order charge for the change and will pay the current prices in effect for the contract chosen.
 - e. A subscriber who is not presently under an ISDN Primary Service contract may at any time subscribe to a contract (minimum of 24 months). The subscriber will be charged a record order charge for the change and will pay the current prices in effect for the selected contract.
 - f. The monthly rate for subscribers choosing a contract is guaranteed against Company initiated change and will apply for the length of that contract.
 - g. If the monthly rates on a contract are lowered, the subscriber will be allowed to cancel the existing contract without penalty, providing he signs-up for a new contract. The subscriber will be subject to all terms, conditions and prices of the new contract.
 - h. ISDN Primary Service is provided from the Company's central office switches equipped with ISDN Primary Service functionality only. When a subscriber's normal serving central office switch is not equipped with ISDN Primary Service, is out of spare capacity, or a central office that is part of a Remote Switching Cluster, the Company will attempt to provide the service from an alternate switch in the same rate area at no additional charge. The local calling area and telephone numbers will be those associated with the customer's normal serving central office switch.
- If an alternate switch in the same rate area is not available, the Company will provide ISDN Primary Service from an alternate serving central office, determined by the Company, at no additional charge to the customer.

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DIGITAL DATA COMMUNICATION SERVICE

- F. ISDN PRIMARY SERVICE - On or after August 10, 2026, Verizon will withdraw all ISDN Primary Services, including all associated features, from this Product Guide. Customers under contract for these services, will remain subject to the existing terms and conditions until the end of the contract term. (Cont'd)]
(N)]

4. Terms and Conditions (Cont'd)

h. (Cont'd)

If the customer accepts ISDN Primary Service from an alternate serving central office, the customer will also accept a number change to one associated with the alternate central office. The customer will also be subject to the calling areas associated with the alternate serving central office, as established in this Product Guide.

Subscribers requesting ISDN Primary Service with a local calling area or telephone numbers other than those associated with their normal serving central office switch, may request service from a foreign central office switch subject to availability of facilities and monthly mileage rates for interoffice facilities as defined for a DS-1, 1.544 Mbps High Capacity Facility in Part B, Section 10, Paragraph E. of this Product Guide.

- i. ISDN Primary Service subscribers who are served from a foreign node may request to have their service provided from their local central office when software and hardware ISDN facilities become available at that office. The Service Establishment charge and nonrecurring charges for DTFs and ports will not be applicable. Termination charges will not apply on that transfer provided that the quantity of DTFs and ports are preserved. A subscriber who chooses to continue service from a foreign node will be subject to the monthly rates for interoffice facilities as defined in Part B, Section 10, Paragraph E. of this Product Guide. A number change generally will be required on any transfer from a foreign node to a local central office.
- j. Ports will be provided at the DS-1 level only.
- k. Appropriate non-recurring charges apply for any changes in the Flexible Service Selection or Channel Configuration feature.
- l. Subscriber provided equipment used to connect to ISDN Primary Service must comply with the following specifications (depending on the serving node):
 - AT&T - PUB 21121219, PUB 211459, 5D5-900-312, 5D5-900-322
 - NTI - NIS A211-1 www.bell.cdn-telco.com/nis/NISA211_V8-01_NI-1.pdf

DIGITAL DATA COMMUNICATION SERVICE

- F. ISDN PRIMARY SERVICE - On or after August 10, 2026, Verizon will withdraw all ISDN Primary Services, including all associated features, from this Product Guide. Customers under contract for these services, will remain subject to the existing terms and conditions until the end of the contract term.(Cont'd)]
(N)
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4. Terms and Conditions (Cont'd)

- m. The Company shall not be responsible to the subscriber if changes in any of the facilities, operations, or procedures utilized in the provision of ISDN Primary Service render any equipment provided by a subscriber obsolete or require any modification or alteration of such equipment or system or otherwise affect its use or performance.
- n. The subscriber must subscribe to services and specify each type of traffic that will be transported across the ISDN Primary Service port, (e.g., DID, DOD, Switched 56 Kbps service and Wide Area Telephone Services). DID trunk rates, DOD trunk rates, Switched 56 Kbps service and Wide Area Telephone Services access line rates for the services will not apply. All other rates and terms and conditions for these services will apply. The voice usage charges generated by using ISDN Primary Service will be measured and billed in accordance with rates specified in PSC NY Nos. 3, 13, and 16--COMMUNICATIONS tariffs. No message unit allowance will apply. Local usage charges for Circuit Switch Data calls will be billed on a local usage sensitive basis, as specified in this Product Guide. Toll charges will apply when circuit switched data calls are made outside of the customer's Local Exchange Area
- o. An ISDN Primary Service subscriber will be permitted to connect suitably equipped Company nodes with comparable functionality via dedicated facilities. To obtain Intercom Capability between nodes, the subscriber must subscribe to an Interoffice Termination Port and Intercom Capability at each node and Interoffice Facility Mileage between the nodes. The subscriber must also subscribe to Ports, DTFs, and Intercom Capability served by its local serving nodes for each of its locations.
- p. Enterprise ISDN Primary Access Digital Distribution Channel (DDC) facilities may be utilized between an ISDN Primary Service subscriber's premises and the ISDN Primary Service Port in the local serving wire center. If a subscriber disconnects an ISDN Primary Service Digital Transport Facility (DTF) to utilize Enterprise Access, then ISDN DTF termination charges are waived.
- q. ISDN Primary Service numbers will be provided in blocks of 20 or 100 numbers or fraction thereof. These minimums apply whether or not the subscriber utilizes all the numbers in the group.

DIGITAL DATA COMMUNICATION SERVICE

- F. ISDN PRIMARY SERVICE - On or after August 10, 2026, Verizon will withdraw all ISDN Primary Services, including all associated features, from this Product Guide. Customers under contract for these services, will remain subject to the existing terms and conditions until the end of the contract term. (Cont'd)

] (N)]

4. Terms and Conditions (Cont'd)

- r. Groups of consecutive numbers are defined as a group where the units' digit of the first number is a zero (0) and the units' digit of the last number is nine (9).
- s. When the thousandth digit of a seven digit subscriber number begins with a zero (0) or a nine (9), the number is considered to be unusable for subscribers who have four digit dialing. Where the hundredth digit of a seven digit subscriber number is a zero (0) or a nine (9), that number is considered to be unusable for subscribers who have three digit dialing.
- t. With Multiple Facility Signaling Control (NFAS), each port controlled by the Multiple Facility Signaling Control D Channel must have the same features assigned.
- u. Appropriate non-recurring charges apply for initial and each additional installation of ports, DTFs, and features ordered by a subscriber for installation on the same premises at the same time.
- v. The customer may elect to have a disconnect option included in the customer specific price. The customer may disconnect a maximum ten percent of the total ISDN Primary Service circuits, including circuits provided at multiple locations that were subscribed to on the original order. The disconnect option may be exercised by the customer after the customer has satisfied the minimum service period of 12 months for the PRI terms in effect before January 30, 2009. The minimum service period after that date is one month.
- w. The customer can have a combination of full services (ISDN Primary Service) and port services (ISDN Primary Port Service) from PSC NY No. 15—COMMUNICATIONS, Section 12.
- x. When disconnects are associated with ISDN Primary Port Service from PSC NY No. 15—COMMUNICATIONS, Section 12, Digital Transport Facility termination charges are not applicable.

DIGITAL DATA COMMUNICATION SERVICE

- F. ISDN PRIMARY SERVICE - On or after August 10, 2026, Verizon will withdraw all ISDN Primary Services, including all associated features, from this Product Guide. Customers under contract for these services, will remain subject to the existing terms and conditions until the end of the contract term.(Cont'd)]
(N)
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4. Terms and Conditions (Cont'd)

- y. For conversions from ISDN Primary Service to ISDN Primary Port Service termination charges are calculated as follows for PRI terms in effect before January 30, 2009:

Quantity of full services	X	Monthly Product Guide Rate for Digital	X	12 months minus number of months in service
converted to port group services		Transport Facility		

Effective 1/30/2009, the Termination Liability will change for all new standard term, Term and Volume, Term and Volume II agreements. When a subscriber terminates one of the plans above prior to the expiration of the term, the subscriber will be subject to termination liability equal to 25% of the monthly rate times the remaining months in service.

Termination Liability does not apply to optional features. The termination liability charge will not apply when a customer converts from PRI Port and DTF to a PRI Port when the PRI is connecting to an alternative high capacity facility.

- z. For conversion of ISDN Primary Port Service to ISDN Primary Service no termination charges will be applied.

aa. Waiver of Charges

- (1) The Company reserves the right to waive nonrecurring charges, in order to promote the sale of ISDN Primary Service. This promotional waiver will be available for a maximum period of 90 days following such notice.
- (2) The Company reserves the right to waive recurring charges for a minimum of 30 days to a maximum of 90 days from the date of installation of ISDN Primary Service for new subscribers, or for connection of new features to existing ISDN Primary Service. Such waiver will be made no more than 90 days following subscription to the promotional offer.
- (3) Terms and conditions in effect on these waivers will be listed on Attachment to this Product Guide which will follow all pages of this section.
- (4) Appropriate notification of any waiver will be made to all eligible.

DIGITAL DATA COMMUNICATION SERVICE

- F. ISDN PRIMARY SERVICE - On or after August 10, 2026, Verizon will withdraw all ISDN Primary Services, including all associated features, from this Product Guide. Customers under contract for these services, will remain subject to the existing terms and conditions until the end of the contract term. (Cont'd)]
(N)
4. Terms and Conditions]
(D)
- bb. Two or Three-year Corporate Rewards Plan customers and Term and Volume customers are eligible for the Calling Line ID or Calling Line ID with Name feature.
 - cc. All of a customer's Company provided PRIs within a state will count towards the volume contract threshold. Volume contract customers may change the number of PRIs during the volume term period. In the event customers under a volume contract make subsequent PRI increases or decreases that cause the total number of PRIs to fall within a different threshold level, all remaining PRIs will be billed at the applicable level rate for the remainder of the volume contract period. The customer must provide the account information of the PRIs included in the volume contract at the time of the initial installation of service.
 - dd. The ISDN Primary Service Local Distribution Channel for the 2 and 3-year Standard Volume** and 1, 2 and 3 year Volume II Contracts and 2 and 3-Year Corporate Reward Plan Contract includes mileage from the local central office to the customer's premise.
 - ee. Customers may utilize alternate high capacity digital facilities (that meet the specifications as determined by the Company) in lieu of the ISDN Primary Facility – DTF specified herein. The applicable rules, provisions and rates from the appropriate section of this/Product Guide will apply for the alternate high capacity digital facilities.
 - ff. Two-year contract customers may subscribe to three-year contract optional features and facilities when two-year contract rates are not available.
 - gg. Relocation – If the customer relocates service to a location served by a different but suitably equipped central office within the same state and establishes a PRI contractual payment plan of equal or greater monetary value, the customer may relocate service without incurring any termination liability. If the original service was cancelled with less than 12 months in service, service connection charges and applicable non-recurring charges for service at the original location will apply according to the Product Guide.
 - hh. Term and Volume Packages include: PRI Port, with or without Local Distribution Channel. The following components are included in the PRI port: Flexible Service Selection, Multiple Facility Signaling Control and Backup D Channel.

DIGITAL DATA COMMUNICATION SERVICE

- F. ISDN PRIMARY SERVICE - On or after August 10, 2026, Verizon will withdraw all ISDN Primary Services, including all associated features, from this Product Guide. Customers under contract for these services, will remain subject to the existing terms and conditions until the end of the contract term. (Cont'd)]
(N)
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4. Terms and Conditions (Cont'd)

- ii. Term and Volume Packages have special Calling Line Identification and Calling Line Identification rates that can be used for the Term and Volume Plan and PRIs under Corporate Rewards 2 or 3- year contracts.
- jj. When the PRI Intercom Capability option is augmented with Centrex features to integrate Centrex service with Voice Over Internet Protocol (VOIP) applications, an additional PRI INTERCOM - VOIP non-recurring charge will apply as set forth in Part B, Section 18 of this Product Guide. The charge will not apply to PRI's that only require the Intercom functionality.
- kk. These details are provided with the normal customer bill or on the Verizon Communications Inc. website via the Internet. PRI Station Detail billing is only available with message usage service. The customer's ISDN Primary Service must be equipped with Calling Party Default Directory Number with the Calling Party Screening option. Customers will not have the option to change the Calling Party Number and it may not be deleted. Customers will have the option to define a partial listing in the screening list. Specific call details will not be provided for stations not included in the screening list. The screening list may not include 800 numbers, fictitious numbers, private network numbers or Centrex Dialing Plan numbers defined in the screening tables. Station Call Details will only be provided for valid telephone numbers within the switch providing the customer's ISDN Primary Service.

Individual PRI Station Call Detail is for informational purposes only. Exact billing information is located in the Measured Call Summary portion of the bill.

- II. ISDN PRI Service Portability is only available when there is an alternate switch in the same Rate Area, as defined by the Company, equipped with ISDN PRI equipment. When an alternate Company switch is not located in the same Rate Area as the normal serving switch, the customer may subscribe to ISDN Primary Service from the alternate switch in another rate center and pay foreign exchange rates as defined elsewhere in this Product Guide.
 - (1) Product Guide rates will apply for ISDN Primary Service Ports and Local Distribution Channels, if applicable.
 - (2) DS-1, 1.544 Mbps High Capacity Facility, IOF mileage charges from the alternate switch apply as defined by the applicable High Capacity Facility Section of this Product Guide.
 - (3) Usage charges for originating calls will apply as determined by the applicable usage Section of this Product Guide.

DIGITAL DATA COMMUNICATION SERVICE

- F. ISDN PRIMARY SERVICE - On or after August 10, 2026, Verizon will withdraw all ISDN Primary Services, including all associated features, from this Product Guide. Customers under contract for these services, will remain subject to the existing terms and conditions until the end of the contract term. (Cont'd)]
(N)
]

4. Terms and Conditions (Cont'd)

mm. Term & Volume II Packages include: PRI Port, with or without Local Distribution Channel. The following components are included in the PRI Port rate: Calling Line Identification, Non-Facility Associated Signaling (NFAS) and Backup D Channel. Calling Line Identification with Name is available at a discounted rate for Term & Volume II subscribers.

Term & Volume II subscribers may subscribe to standard or Term and Volume optional features when a Term & Volume II rate is not available.

nn. End of Term - At the end of a customer's term contract the rates will revert to the prevailing Month-to-Month rates unless another qualifying term plan contract is selected.

5. Rates and Charges

For rates and charges, see Part B, Section 18 of this Product Guide.

DIGITAL DATA COMMUNICATION SERVICE

- G. ISDN PRIMARY DISASTER RECOVERY SERVICE - On or after August 10, 2026, Verizon will withdraw all ISDN Primary Disaster Recovery Services, including all associated features, from this Product Guide. Customers under contract for these services, will remain subject to the existing terms and conditions until the end of the contract term.

] (N)]

1. General

Integrated Services Digital Network (ISDN) Primary Disaster Recovery Service provides various degrees of survivability for telecommunications service in the event of a failure in the customer's normal wire center and/or the associated local loop. The customer may purchase ISDN Primary Disaster Recovery Service and thereby maintain a level of incoming and outgoing service to the premises. The degree of survivability is determined by the facilities subscribed to by the customer. This service does not apply to a failure that occurs coterminously in the normal and alternate wire centers.

ISDN Primary Disaster Recovery Service provides the customer with diversely routed access wherever diverse facilities exist to an alternate wire center selected by the Company. Wherever diverse facilities exist, the Company will endeavor not to use passageways (conduits, cable vaults, building entrances, or routes) common to the customer's normal service.

ISDN Primary Disaster Recovery Service provides Loop to an Alternate Wire Center (Option 1); Interoffice Wire Center (Option 2); and/or Alternate Wire Center (Option 3). A customer must subscribe to Option 1 and, in addition, may subscribe to Option 2 only, Option 3 only, or both Options 2 and 3.

Incoming, outgoing or two-way ISDN Primary Service circuits may be purchased from the normal wire center and/or the alternate wire center at the customer's option.

Loop To An Alternative Wire Center (Option 1)

Loop to an Alternate Wire Center provides ISDN Primary Service circuits between the customer premises and an alternate wire center designated by the Company. Mileage for ISDN Primary Service circuits ordered from the alternate wire center will be measured as if these circuits were routed to the normal wire center. The customer shall designate the incoming/outgoing configuration of the ISDN Primary Service circuits during normal operations and during disaster operations.

Normal Operations

ISDN Primary Disaster Recovery Service ordered from the alternate wire center will be configured Independently from ISDN Primary Service or other digital DID/DOD service provided by another carrier from the normal wire center and will have a different NXX.

DIGITAL DATA COMMUNICATION SERVICE

- G. ISDN PRIMARY DISASTER RECOVERY SERVICE - On or after August 10, 2026, Verizon will withdraw all ISDN Primary Disaster Recovery Services, including all associated features, from this Product Guide. Customers under contract for these services, will remain subject to the existing terms and conditions until the end of the contract term. (Cont'd)

] (N)]

1. General (Cont'd)

Disaster Operations

In the event of a failure at the normal wire center or alternate wire center, customers who subscribe to ISDN Primary Disaster Recovery Service will continue to receive service out of the working wire center.

Interoffice Wire Center (Option 2)

Interoffice Wire Center customers must subscribe to Option 1. The Interoffice Wire Center option provides an interoffice facility between the normal wire center and the alternate wire center to protect incoming traffic in the case of a loop failure between the normal wire center and the customer premises. Incoming DID station numbers that will be routed in the event of a disaster will be purchased from the normal wire center only. The interoffice facility must be purchased in increments of 1.544 Mbps trunks comprised of twenty-four channels and will be dedicated to the customer. Customers who subscribe to ISDN Primary Service in the normal wire center must subscribe to ISDN Primary Service interoffice termination ports and appropriate loops for this option.

Normal Operations

All incoming traffic will be routed to the normal wire center. Some of the traffic will overflow via the interoffice facility to the alternate wire center for completion over the alternate wire center circuits. The NXX will reside at the normal wire center. Outgoing traffic will be routed over the loop between the alternate wire center and the customer premises and/or the loop between the normal wire center and the customer premises.

Disaster Operations

In the event of a loop failure between the normal wire center and customer premises, incoming traffic will be routed over the interoffice facility to the alternate wire center for completion over the alternate wire center circuits. Outgoing ISDN Primary Service traffic will complete via the alternate wire center.

Alternate Wire Center (Option 3)

This service is furnished on existing installations only. Additions, rearrangements, and moves of service are not permitted. Alternate wire center (Option 3) is no longer available.

Alternate Wire Center customers must subscribe to Option 1. The Alternate Wire Center option provides routing through the tandem in the event of a failure in the loop or in the normal wire center. Incoming DID station numbers that will be routed in the event of a disaster will be purchased from the normal wire center only.

DIGITAL DATA COMMUNICATION SERVICE

- G. ISDN PRIMARY DISASTER RECOVERY SERVICE - On or after August 10, 2026, Verizon will withdraw all ISDN Primary Disaster Recovery Services, including all associated features, from this Product Guide. Customers under contract for these services, will remain subject to the existing terms and conditions until the end of the contract term. (Cont'd)

] (N)]

1. General (Cont'd)

Normal Operations

All incoming traffic during normal operations will be routed to the normal wire center. The NXX will reside at the normal wire center. Outgoing traffic during normal operations may be routed to the normal wire center and/or alternate wire center for completion as designated by the customer.

Disaster Operations

In the event of a failure at the normal wire center, all incoming ISDN Primary Service traffic or other digital DID/DOD service provided by another carrier will be routed to the alternate wire center via the local serving tandem or direct trunks for completion at the customer's premises. Outgoing traffic will be completed through the alternate wire center and out to the network via the local serving tandem.

2. Explanation Of Terms

Alternate Wire Center

The Company designated wire center which is not the customer's normal wire center to which customer's calls are routed.

Failure

A failure constitutes the total loss of ISDN Primary Service over the normal loop facilities between the normal wire center and the customer premises or the total loss of the normal wire center. The existence of a failure is determined by the Company.

Interoffice Facility

A 1.544 Mbps transmission facility comprised of twenty-four channels that is connected between the normal wire center and the alternate wire center. The interoffice facility may be used to transport overflow traffic and to test translations in the alternate wire center. It consists of a 1.544 Mbps terminal at each wire center and an interoffice channel between the two wire centers. Customers who subscribe to ISDN Primary Service in the normal wire center must subscribe to ISDN Primary Service interoffice termination ports and appropriate loops for this option.

Interoffice Termination Port

A DS-1 switch termination that interfaces directly to the serving ISDN Primary Service switch.

DIGITAL DATA COMMUNICATION SERVICE

- G. ISDN PRIMARY DISASTER RECOVERY SERVICE - On or after August 10, 2026, Verizon will withdraw all ISDN Primary Disaster Recovery Services, including all associated features, from this Product Guide. Customers under contract for these services, will remain subject to the existing terms and conditions until the end of the contract term. (Cont'd)

] (N)]

2. Explanation Of Terms (Cont'd)

Normal Wire Center

The Company designated wire center where customer lines are connected to switching equipment to be connected to other lines and trunks.

Overflow

Additional traffic beyond the capacity of a specific trunking group.

Traffic

The amount of activity during a given period of time over a circuit or line, group of lines, or the amount of messages handled by a data communications switch.

Trunk

A telephone communications channel between two switching systems. The term "switching system" includes central office types, toll switching systems and PBXs.

3. Terms and Conditions

- a. ISDN Primary Disaster Recovery Service is furnished subject to the availability of facilities and is only available within a LATA.
- b. ISDN Primary Service terms and conditions , rates, and charges apply to ISDN Primary Disaster Recovery Service ordered from the alternate wire center.
- c. Enterprise Service rates and charges, as appropriate, apply to Enterprise Service subscriber access to the alternate wire center.
- d. If a subscriber disconnects an ISDN Primary Disaster Recovery Service DTF to utilize Enterprise access, the ISDN Primary Service Disaster Recovery Service DTF termination charges will be waived.
- e. The minimum service period is 12 months. Additions to the initial service are also subject to a 12-month minimum service period. If the subscriber discontinues ISDN Primary Disaster Recovery Service in whole or in part prior to 12 months or prior to completion of the contract period, termination charges apply as described in ISDN Primary Service, Part B, Section 18.
- f. The Company reserves the right to designate the alternate wire center and the digital switch technology.

DIGITAL DATA COMMUNICATION SERVICE

- G. ISDN PRIMARY DISASTER RECOVERY SERVICE - On or after August 10, 2026, Verizon will withdraw all ISDN Primary Disaster Recovery Services, including all associated features, from this Product Guide. Customers under contract for these services, will remain subject to the existing terms and conditions until the end of the contract term. (Cont'd)

] (N)]

3. Terms and Conditions (Cont'd)

- g. To the extent that the Company requires space on the customer's premises in order to deliver this service, the customer shall provide such space at no cost to the company.
- h. ISDN Primary Disaster Recovery Service will be provided according to a negotiated provisioning interval.
- i. In cases where fiber and/or electronics equipment are not present, special construction charges may apply.
- j. Disconnect and reconnect charges may apply for moving and reconfiguring circuits and channels when the customer requests ISDN Primary Disaster Recovery Service.
- k. ISDN Primary Disaster Recovery Service customers who select Interoffice Wire Center (Option 2) must purchase two interoffice termination ports, one at each end.
- l. Customers subscribing to Interoffice Wire Center (Option 2) must purchase these facilities in increments of 1.544 Mbps.
- m. Interoffice Wire Center (Option 2) customers must order circuits from both the normal and alternate wire center. The numbers that will be routed in the event of a disaster must be ordered from the normal wire center.
- n. Alternate Wire Center (Option 3) customers must order circuits from both the normal and alternate wire center. The numbers that will be routed in the event of a disaster must be ordered from the normal wire center.
- o. Termination charges are waived for existing Flexpath Disaster Recovery Service subscribers who discontinue Flexpath Disaster Recovery Service and subscribe to ISDN Primary Disaster Recovery Service provided that the quantity of ports and loops are preserved.
- p. The Service Establishment charge, per wire center, under alternate Wire Center (Option 3) will be waived for customers that are converting their Flexpath Disaster Recovery Service to ISDN Primary Disaster Recovery Service, provided the service is provisioned from the same switch preserving the same lines.
- q. This service is subject to all general terms and conditions applicable to the provision of service by the Company as specified in Part A, Section 1 of this Product Guide.

DIGITAL DATA COMMUNICATION SERVICE

- G. ISDN PRIMARY DISASTER RECOVERY SERVICE - On or after August 10, 2026, Verizon will withdraw all ISDN Primary Disaster Recovery Services, including all associated features, from this Product Guide. Customers under contract for these services, will remain subject to the existing terms and conditions until the end of the contract term. (Cont'd)]
(N)
]

3. Terms and Conditions (Cont'd)

- r. The customer is responsible for providing a contact number through which the customer is readily accessible 24 hours a day, seven days a week.

4. Rates and Charges

For Rates and Charges see Part B, Section 18 of this Product Guide.

DIGITAL DATA COMMUNICATION SERVICE

- H. ISDN PRIMARY PLUS SERVICE - On or after August 10, 2026, Verizon will withdraw all ISDN Primary Plus Services, including all associated features, from this Product Guide. Customers under contract for these services, will remain subject to the existing terms and conditions until the end of the contract term.]
(N)
]

1. General

ISDN Primary Plus provides customers with the option of purchasing ISDN PRI service bundled with a 10,000 or 20,000 minutes per month local usage allotment. It can thus meet the needs of customers that want a fixed and predictable monthly rate for their ISDN PRI service and associated local usage

The customer will select the ISDN Primary Plus service option with 10,000 or 20,000 local minutes of usage, per PRI, per month, plus an additional per-minute-of-use rate for each minute of local usage exceeding that allotment.

2. Explanation of Terms

- a. Termination Charges - A charge that applies when a Customer terminates a service agreement prior to the expiration of the service agreement.
- b. Usage Allotment – the quantity of usage minutes, per PRI, per month associated with the usage option selected by the Customer.
- c. PRI Plus 10K and PRI Plus 20K pricing options are not available with Corporate Rewards, other local usage optional calling plans or customer specific pricing.

3. Feature Description

- a. Standard Features – The following features are provided when a customer subscribes to ISDN Primary Plus Service.

The ISDN Primary Plus Port rates include:

- Local Usage Allowance (10,000 or 20,000 minutes)
- Calling Line Identification

ISDN Primary Plus Access Facility includes local DTF mileage.

- b. Optional Features
All other ISDN Primary Service Features identified in this Product Guide are available to ISDN Primary Plus Subscribers at the rates, terms and conditions listed in this Product Guide.

DIGITAL DATA COMMUNICATION SERVICE

- H. ISDN PRIMARY PLUS SERVICE - On or after August 10, 2026, Verizon will withdraw all ISDN Primary Plus Services, including all associated features, from this Product Guide. Customers under contract for these services, will remain subject to the existing terms and conditions until the end of the contract term. (Cont'd)

] (N)]

3. Feature Description

b. Optional Features

When ISDN Primary Plus facilities are purchased, Customers may subscribe to Calling Line Identification at no additional charge. Caller Line ID with Name will be available at a discounted rate, defined separately for ISDN PRI Plus subscribers.

When Customers purchase DID trunks, there is no additional charge for DID trunk terminations or DID Trunk Package (if applicable). (A separate charge for DID Trunk Numbers (TN's) or DID TN blocks applies consistent with rates identified in Part B, Section 18 of this Product Guide.)

4. Terms and Conditions

- a. ISDN Primary Plus is available under a 2-year or 3-year Term and Volume agreement.
- b. ISDN Primary Plus will bill actual conversation time and aggregate at the Main Billing Telephone Number level.
- c. If the Customer's actual usage exceeds the local minutes of usage allotment included with the selected option (10,000 or 20,000 minutes of use), the Customer will be charged the pre-determined rate. (See Part B, Section 18 for rates)
- d. If the Customer uses less than the allotment of local minutes of usage per PRI, no refunds will be applied.
- e. ISDN Primary Plus rating will apply to PRI pipes specified in the ISDN Primary Plus agreement only.
- f. Customers that terminate an ISDN Primary Plus service term agreement in effect before July 1, 2009 will be required to pay a termination liability equal to 100% of the monthly rate times the number of months remaining in the first twelve months of the term, plus 25% of the monthly rate times the number of months remaining in the term after the first twelve months. For PRI term commitments that commenced after July 1, 2009 the termination liability is 25% of the monthly rate times the number of months remaining in the term.
- g. Where no price for a two-year commitment is specified for a particular feature or facility, a customer entering into a 2-year term and volume agreement for ISDN Primary Plus may obtain that feature for the rate applicable to a 3-year commitment.

DIGITAL DATA COMMUNICATION SERVICE

- H. ISDN PRIMARY PLUS SERVICE - On or after August 10, 2026, Verizon will withdraw all ISDN Primary Plus Services, including all associated features, from this Product Guide. Customers under contract for these services, will remain subject to the existing terms and conditions until the end of the contract term. (Cont'd)

] (N)]

4. Terms and Conditions (Cont'd)

- h. During the life of the agreement, customers may not migrate from an ISDN PRI Plus 10,000 minutes of use option to the 20,000 minutes of use option unless the monetary value, to Verizon, of the new agreement is greater than or equal to the remaining monetary value of the existing agreement. The quantity of ISDN PRI circuits included in the new agreement must be greater than or equal to the total number of circuits included in the original agreement. The term of the new agreement must be greater than or equal to the term of the original agreement.
- i. During the life of the agreement, customers may not migrate from an ISDN PRI Plus 20,000 minutes of use option to the 10,000 minutes of use option unless the monetary value, to Verizon, of the new agreement is greater than or equal to the remaining monetary value of the existing agreement. The quantity of ISDN PRI circuits included in the new agreement must be greater than or equal to the total number of circuits included in the original agreement. The term of the new agreement must be greater than or equal to the term of the original agreement.
- j. When customers migrate from one ISDN PRI Plus option to another, all outstanding shortfall charges applicable to the existing agreement will apply.

5. Rates and Charges

For rates and charges, see Part B, Section 18 of this Product Guide.

DIGITAL DATA COMMUNICATION SERVICE

I. NYNEX® ENTERPRISE SERVICE

As of June 30, 2022, this service is not provided to new customers. Existing customers may retain the service; however, changes additions, and/or rearrangements are not permitted.

(N)
(N)

1. General

NYNEX Enterprise Service provides for the transmission of analog or digital signals over fiber optic facilities. NYNEX Enterprise Service functions include network management, monitoring and surveillance.

NYNEX Enterprise Service provides transmission speeds from 2.4 kilobits per second (kbps) up to and including 100 Megabits per second (Mbps). NYNEX Enterprise Service circuits may consist of elements of various transmission speeds which are groomed to higher or lower transmission speeds.

NYNEX Enterprise Service circuits must be configured through one or more NYNEX Enterprise Service Hubs. Functions provided at the Hub include access for provisioning, maintenance, and network management; grooming, as described in I.3.b.(2), following; bridging, as described in I.3.b.(1), following; and circuit reconfiguration, as described in I.3.b.(3), following.

NYNEX Enterprise Service circuits are provided, through one or more Hubs, between customer designated premises; between a customer designated premises and an Interconnector's Node under the terms and conditions for Optical Transport Interconnection Service II and Microwave Transport Interconnection Service as specified in Part B, Section 10 of this Product Guide. NYNEX Enterprise Service circuits are also provided between a customer designated premises and a Hub where NYNEX Enterprise Service grooming, bridging, or reconfiguration functions are performed; between an Interconnector's Node and a Hub where NYNEX Enterprise Service grooming, bridging, or reconfiguration functions are performed; and between Hubs where NYNEX Enterprise Service grooming, bridging, or reconfiguration functions are performed. When a NYNEX Enterprise Service circuit is ordered with grooming, bridging, or reconfiguration functions, the customer must specify the Hub where these functions are performed.

When the serving wire center of the customer's premises is not a NYNEX Enterprise Service Hub, NYNEX Enterprise Service Interoffice Digital Channel (IDC) mileage will apply to connect the customer's NYNEX Enterprise Service Digital Distribution Channel (DDC) to the Hub.

a. NYNEX Enterprise DSO Service

NYNEX Enterprise DSO Service provides for the simultaneous two-way transmission of analog or digital signals over fiber optic facilities at speeds up to and including 64 kbps. A NYNEX Enterprise DSO Digital Distribution Channel (DDC) or Interoffice Digital Channel (IDC) may be included in a grooming arrangement with a NYNEX Enterprise DS1 Service DDC or IDC.

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DIGITAL DATA COMMUNICATION SERVICE

I. NYNEX ENTERPRISE SERVICE (Cont'd)

As of June 30, 2022, this service is not provided to new customers. Existing customers may retain the service; however, changes additions, and/or rearrangements are not permitted.

(N)
(N)

1. General (Cont'd)

a. NYNEX Enterprise DSO Service (Cont'd)

NYNEX Enterprise DSO Service is available as follows:

64.0 Kbps Digital Data
56.0 Kbps Digital Data
19.2 Kbps Digital Data
9.6 Kbps Digital Data
4.8 Kbps Digital Data
2.4 Kbps Digital Data

Analog 2 - Wire DATA
Analog 4 - Wire Data
Analog 2 - Wire Voice
Analog Automatic Ringdown Voice
Analog Manual Ringdown Voice
Analog 2/4 Wire E&M Voice

NYNEX Enterprise Service DSO channels are available in two service configurations as follows:

(1) NYNEX Enterprise Service DSO Standard Service

A NYNEX Enterprise Service DSO Standard Service consists of Company provided network equipment deployed at a customer's premises in which the customer shares the right of occupancy with others. The Company's network equipment enables the Company to provision DSO circuits and to perform remotely, from a single point of contact, the network functions of monitoring and surveillance.

(2) NYNEX Enterprise Service DSO Prime Service

A NYNEX Enterprise Service DSO Prime Service consists of customer provided equipment deployed at a customer premises in which the customer has the right of occupancy to the exclusion of others to enable the provision of NYNEX Enterprise Service DSO circuits on such premises. The customer must provide the necessary equipment at its premises to enable the Company to deliver NYNEX Enterprise Service DSO circuits and to perform remotely, from a single point of contact, the network functions of monitoring and surveillance.

DIGITAL DATA COMMUNICATION SERVICE

I. NYNEX ENTERPRISE SERVICE (Cont'd)

As of June 30, 2022, this service is not provided to new customers. Existing customers may retain the service; however, changes additions, and/or rearrangements are not permitted.

(N)
(N)

1. General (Cont'd)

b. NYNEX Enterprise Fractional DS1 Service

Throughout New York State, NYNEX Enterprise Fractional DS1 Service is furnished on existing installations only. Additions, rearrangements and moves are not permitted. In the wire centers and as of the effective dates listed in Part H of this Product Guide, NYNEX Enterprise Fractional DS1 Service is only available to existing customers as outlined in Part H.

NYNEX Enterprise Fractional DS1 Service provides for the simultaneous two-way transmission of digital signals over fiber optic facilities at speeds up to and including 768 kbps. Customers may order contiguous bandwidth of 128 kbps, 256 kbps, 384 kbps, 512 kbps, or 768 kbps. A NYNEX Enterprise Fractional DS1 DDC or IDC may be included in a grooming arrangement with a NYNEX Enterprise DS1 Service DDC or IDC. NYNEX Enterprise Fractional DS1 Service channels are available in two service configurations as follows:

(1) NYNEX Enterprise Fractional DS1 Standard Service

NYNEX Enterprise Fractional DS1 Standard Service consists of Company-provided network equipment deployed at a customer's premises in which the customer shares the right of occupancy with others. The Company's network equipment enables the Company to provision Enterprise Fractional DS1 circuits and to perform remotely, from the Enterprise Single Point of Contact, the network functions of monitoring and surveillance.

(2) NYNEX Enterprise Fractional DS1 Prime Service

NYNEX Enterprise Fractional DS1 Prime Service consists of customer-provided equipment deployed at a customer's premises in which the customer has the exclusive right of occupancy to the exclusion of others. The customer-provided equipment enables the Company to provision Enterprise Fractional DS1 circuits to the customer's premises and to perform remotely, from the Enterprise Single Point of Contact, the network functions of monitoring and surveillance.

c. NYNEX Enterprise DS1 Service

NYNEX Enterprise DS1 Service provides for the simultaneous two-way transmission of digital signals at 1.544 Mbps over fiber optic facilities. A NYNEX Enterprise DS1 DDC or IDC may be included in grooming arrangements with one or more NYNEX Enterprise DS0 Service and/or NYNEX Enterprise Fractional DS1 Service DDCs or IDCs and/or with a NYNEX Enterprise DS3 Service DDC or IDC.

DIGITAL DATA COMMUNICATION SERVICE

I. NYNEX ENTERPRISE SERVICE (Cont'd)

As of June 30, 2022, this service is not provided to new customers. Existing customers may retain the service; however, changes additions, and/or rearrangements are not permitted.

(N)
(N)

1. General (Cont'd)

d. NYNEX Enterprise DS3 Service

NYNEX Enterprise DS3 Service provides for the simultaneous two-way transmission of digital signals at 44.736 Mbps over fiber optic facilities. A NYNEX Enterprise DS3 DDC or IDC may be included in a grooming arrangement with one or more NYNEX Enterprise DS1 Service DDCs or IDCs.

e. NYNEX Enterprise FDDI Service

This service is furnished on existing installations only. Additions, rearrangements, and moves of service are not permitted. NYNEX Enterprise FDDI Service will no longer be available.

NYNEX Enterprise FDDI Service is a digital service which provides 100 Megabits per second data transmission speed over fiber optic facilities. NYNEX Enterprise FDDI Service is based on ANSI X3T9.5 standards for single mode fiber distributed data interfaces. The service may be used to connect two subscriber locations on a point-to-point basis; multiple subscriber premises to one or more NYNEX Enterprise FDDI Service hubs, or between NYNEX Enterprise FDDI Service hubs. Only NYNEX Enterprise FDDI Service Channels of a single subscriber may be interconnected at hub locations. NYNEX Enterprise FDDI Service channels cannot be connected to any other service, including all other NYNEX Enterprise Services.

2. Definitions

DSO describes transmission bandwidth capable of supporting digital bit rates of up to 64 kilobits per seconds (Kbps).

A Digital Distribution Channel (DDC) is a loop provided over fiber optic facilities between the subscriber designated premises and the local serving wire center. Two (2) DDCs are required for one (1) end to end circuit.

An Interoffice Digital Channel (IDC) is a channel provided over fiber optic facilities between Company Central Offices that facilitate connection of 2 NYNEX Enterprise DDCs to complete an end to end circuit.

A Hub is a Company designated serving wire center which is equipped to provided NYNEX Enterprise Service.

DIGITAL DATA COMMUNICATION SERVICE

I. NYNEX ENTERPRISE SERVICE (Cont'd)

As of June 30, 2022, this service is not provided to new customers. Existing customers may retain the service; however, changes additions, and/or rearrangements are not permitted.

(N)
(N)

2. Definitions (Cont'd)

Grooming allows the connection of up to 24 NYNEX Enterprise DSO channels, or one or more NYNEX Enterprise Fractional DS1 channels to a single NYNEX Enterprise DS1 channel. Grooming also allows the connection of up to 28 NYNEX Enterprise DS1 channels to a single NYNEX Enterprise DS3 channel.

A NYNEX Enterprise Flexpath Access Digital Distribution Channel (DDC) is provided over fiber optic facilities between a Flexpath subscriber's premises and the local serving wire center. This channel is provided solely as a dedicated NYNEX Enterprise Access to Flexpath DDC.

A NYNEX ENTERPRISE ISDN PRIMARY ACCESS DIGITAL DISTRIBUTION CHANNEL (DDC) is provided over fiber optic facilities between a ISDN primary subscriber's premises and the local serving wire center. This channel is provided solely as a dedicated NYNEX Enterprise ISDN Primary Access DDC.

A SERVICE IMPAIRMENT occurs when either the Company or a subscriber notifies the other of a trouble condition, and the subscriber declines to release the circuit to the Company for repair.

A SERVICE INTERRUPTION occurs when a circuit becomes unusable to the subscriber because of a failure of a Company provided component.

A service interruption period starts when the subscriber releases the circuit for repair after being informed by the Company of a circuit trouble condition or a circuit trouble condition is reported to the Company by the subscriber and such condition is verified by the Company. A service interruption ends when the circuit is repaired.

64 Kilobit per second describes a clear channel digital data transmission utilizing the full bandwidth available on a DSO channel.

Two-Wire Voice describes the analog option which may used PXOS (Types A, B, or C) and/or other voice communication channels.

Automatic Ringdown Voice describes two-point automatic signaling voice communication service.

Manual Ringdown Voice describes two point manually signaled voice communication service.

DIGITAL DATA COMMUNICATION SERVICE

I. NYNEX ENTERPRISE SERVICE (Cont'd)

As of June 30, 2022, this service is not provided to new customers. Existing customers may retain the service; however, changes additions, and/or rearrangements are not permitted.

(N)
(N)

2. Definitions (Cont'd)

Analog 2/4 Wire E&M Voice describes two-point tie line type voice communications service.

Contiguous Bit Rates describes fractional DS1 digital data transmission speeds which support the full and open utilization of the distinct bandwidth provided. A contiguous fractional DS1 circuit is treated as a single channel through the networks, unlike non-contingent fractional DS1 (not offered with this Product Guide) which provides multiple DSO's treated as separate channels through the network.

3. Description

a. NYNEX Enterprise Service Standard Features

NYNEX Enterprise Service Standard Features are service capabilities and/or functions which are included in NYNEX Enterprise Service.

(1) NYNEX Enterprise Single Point of Contact Support

The NYNEX Enterprise Service Single Point of Contact (SPOC) center will provide continuous support for NYNEX Enterprise Service circuits (24 hours a day, 7 days a week). The SPOC will perform maintenance, trouble shooting and network management functions with respect to all NYNEX Enterprise Service circuits ordered by the subscriber. The SPOC will perform service order processing and network installation functions for NYNEX Enterprise Service circuits on Mondays through Fridays, 9:00 A.M. to 5:00 P.M. The subscriber may authorize a designated agent to act on its behalf in negotiations with the NYNEX Enterprise Service SPOC.

Service Management is provided by the NYNEX Enterprise Service SPOC and allows for all the NYNEX Enterprise Service circuits ordered by the subscriber to be managed by the SPOC as a single subscriber network.

Monitoring is provided by the NYNEX Enterprise Service SPOC. The SPOC will review trouble conditions, notify the subscriber of the trouble condition, request circuit release for repair, and initiate corrective measures.

A NYNEX Enterprise Service customer must subscribe to one of the NYNEX Enterprise Service Reconfiguration Optional Features, as described in I.3.b.(3), following, for reconfiguration of NYNEX Enterprise Service circuits.

DIGITAL DATA COMMUNICATION SERVICE

I. NYNEX ENTERPRISE SERVICE (Cont'd)

As of June 30, 2022, this service is not provided to new customers. Existing customers may retain the service; however, changes additions, and/or rearrangements are not permitted.

(N)
(N)

3. Description (Cont'd)

a. NYNEX Enterprise Service Standard Features (Cont'd)

(2) NYNEX Enterprise Service Guarantee

The Company guarantees NYNEX Enterprise Service restoration within four (4) hours of a service interruption. If service is not restored within the specified time frame, subject to the provisions stated in this Product Guide, the Company will issue a credit for the NYNEX Enterprise Service circuit as provided in the following provisions.

(3) Flexible Data Speed (DSO)

Flexible Data Speed (DSO) allows a subscriber to change the data bit rate speed on an existing digital NYNEX Enterprise DSO Service circuit via the SPOC. Flexible Data Speed is only available for NYNEX Enterprise DSO Service and is used to change between the following data rates:

2.4 Kbps
4.8 Kbps
9.6 Kbps
19.2 Kbps
56.0 Kbps
64.0 Kbps

Flexible Data Speed (DSO) is not available on multi-point bridged circuits or on circuits where any portion is provided as a DDS II channel, as described in Paragraph 4.t., following.

b. NYNEX Enterprise Service Optional Features

NYNEX Enterprise Service Optional features are bandwidth management and service rearrangement capabilities available to subscribers of NYEX Enterprise Services. NYNEX Enterprise optional features are provided subject to the availability of facilities. Rates and charges for these features are in addition to the rates and charges for NYNEX Enterprise Service.

DIGITAL DATA COMMUNICATION SERVICE

I. NYNEX ENTERPRISE SERVICE (Cont'd)

As of June 30, 2022, this service is not provided to new customers. Existing customers may retain the service; however, changes additions, and/or rearrangements are not permitted.

(N)
(N)

3. Description (Cont'd)

b. NYNEX Enterprise Service Optional Features (Cont'd)

(1) Multi-Point Bridging (DSO)

This option provides for the bridging of NYNEX Enterprise DSO circuits at the NYNEX Enterprise Hub. A maximum of forty (40) analog tributary DSO DDCs and one analog control DDC, or sixteen (16) digital tributary DSO DDCs and one digital control DDC, can be bridged at a NYNEX Enterprise Service Hub or Hubs.

DSO Multi-Point Bridging is available for NYNEX Enterprise DSO digital, 4-wire analog data, or 2/4-wire analog voice circuits of the same type and speed.

Each NYNEX Enterprise DSO DDC included in a bridging arrangement incurs a recurring monthly charge. This charge is in addition to the monthly recurring charges associated with NYNEX Enterprise DSO Service.

NYNEX Enterprise Multi-Point bridging may only be used with NYNEX Enterprise DSO Service.

Tributary legs of multi-point NYNEX Enterprise DS0 circuits are not eligible for NYNEX Enterprise Service Reconfiguration Optional Features as described in I.3.b.(3), following.

(2) Grooming (DS0, Fractional DS1, DS1, DS3)

NYNEX Enterprise Service circuits may be groomed at a Hub to allow lower-bandwidth channels (DDCs and/or IDCs) to efficiently share higher-bandwidth facilities. Cascade Grooming provides for NYNEX Enterprise DS0 and/or NYNEX Enterprise Fractional DS1 channels to be groomed to a NYNEX Enterprise DS1 channel which is subsequently groomed to a NYNEX Enterprise DS3 channel, either in the same Hub or in different Hubs. If the different stages of Cascade Grooming are performed in different Hubs, IDC mileage charges apply between the Hubs. A ThruPath connection occurs when a lower-bandwidth channel is derived from, and interconnects, two higher-bandwidth channels (e.g., a DS1 ThruPath connection between two DS3 channels). The higher-bandwidth channels interconnected via a ThruPath connection may be NYNEX Enterprise Service channels or other private line channels as described in I.4.t., following. A nonrecurring charge applies for the establishment of each lower-bandwidth ThruPath connection. If the lower-bandwidth channel is derived from higher-bandwidth channels in different Hubs, IDC mileage charges apply between the Hubs.

DIGITAL DATA COMMUNICATION SERVICE

I. NYNEX ENTERPRISE SERVICE (Cont'd)

As of June 30, 2022, this service is not provided to new customers. Existing customers may retain the service; however, changes additions, and/or rearrangements are not permitted. (N)
(N)

3. Description (Cont'd)

b. NYNEX Enterprise Service Optional Features (Cont'd)

(3) Network Emergency Planning Options

(a) Dual Homing (DS0, Fractional DS1, DS1, DS3)

A Dual Homing arrangement allows a NYNEX Enterprise Service Digital Distribution Channel (DDC) to be diversely routed via a wire center other than the normal serving wire center for the customer's premises. The alternate serving wire center will be specified by the Company.

Charges for a Dual Homing DDC apply in addition to the charges for the DDC to the customer's normal serving wire center. Where Interoffice Digital Channel (IDC) charges apply to connect the customer's premises to the Hub, the mileage used to determine the charges to connect the Dual Homing DDC to the Hub is based on the alternate serving wire center.

(b) Standby Circuits (DS1, DS3)

NYNEX Enterprise Service Standby Circuits enable a customer to protect against a service-affecting failure by providing an inactive alternate transmission path (Standby Circuit) to another of the customer's premises. A Standby Circuit may consist of a Digital Distribution Channel (DDC) alone or may include an Interoffice Distribution Channel (IDC) as well. A Standby Circuit to an alternate premises provides protection for one or more working (active) circuits to the customer's normal premises. If a customer purchases a Standby Circuit to provide protection for multiple working circuits, the customer must inform the SPOC as to which of the working circuits is to be replaced in the event of the failure of more than one working circuit. A Standby Circuit requires the Emergency Reconfiguration in Conjunction with Standby Circuits optional feature, as described in I.3.b.(3)(e), following.

The charges for a Standby Circuit are in addition to the charges for the working circuit or circuits. In addition, charges apply for the NYNEX Enterprise Network Reconfiguration Service Network Access Port to which the Standby Circuit is connected.

Standby Circuits may not be included in an alternate circuit configuration in conjunction with the Scheduled Reconfiguration optional feature or the Requested Reconfiguration optional feature as described in I.3.b.(3)(c) and I.3.b.(3)(d), following. Standby Circuits are not available for use in conjunction with access to Flexpath Digital PBX Service or ISDN Primary Service.

DIGITAL DATA COMMUNICATION SERVICE

I. NYNEX ENTERPRISE SERVICE (Cont'd)

As of June 30, 2022, this service is not provided to new customers. Existing customers may retain the service; however, changes additions, and/or rearrangements are not permitted.

(N)
(N)

3. Description(Cont'd)

b. NYNEX Enterprise Service Optional Features (Cont'd)

(3) Network Emergency Planning Options (Cont'd)

(c) Scheduled Reconfiguration (DS0, Fractional DS1, DS1, DS3)

Scheduled Reconfiguration enables the customer to request the reconfiguration of a NYNEX Enterprise Service circuit by the SPOC on a regularly scheduled basis, based on a circuit map previously reviewed and agreed to by the customer. The customer's alternate circuit configuration must remain in place for a minimum of fifteen (15) minutes. A reconfigurable channel may consist of a DDC alone or may include an IDC as well. Scheduled Reconfiguration requires that the customer's NYNEX Enterprise Service circuit be purchased in conjunction with NYNEX Enterprise Network Reconfiguration Service as described in Part B, Section 17, Paragraph D. of this Product Guide. A monthly charge applies for access to the SPOC as set forth in Part B, Section 18.

(d) Requested Reconfiguration (DS0, Fractional DS1, DS1, DS3)

Upon request to the SPOC, the Company will reconfigure a channel or channels of a NYNEX Enterprise Service circuit to alternate customer premises, based on a circuit map previously reviewed and agreed to by the customer. A reconfigurable channel may consist of a DDC alone or may include an IDC as well. Requested Reconfiguration requires that the customer's NYNEX Enterprise Service circuit be purchased in conjunction with NYNEX Enterprise Network Reconfiguration Service* as described in Part B, Section 17, Paragraph D. of this Product Guide. A monthly charge applies for access to the SPOC as set forth in Part B, Section 18.

(N)

(e) Emergency Reconfiguration In Conjunction with Standby Circuits (DS1, DS3)

Upon request to the SPOC, the Company will reconfigure a channel or channels of a NYNEX Enterprise Service circuit to alternate customer premises connected to a Hub via a Standby Circuit or Circuits, based on a circuit map previously reviewed and agreed to by the customer. A reconfigurable channel may consist of a DDC alone or may include an IDC as well.

Emergency Reconfiguration in Conjunction with Standby Circuits requires that the customer's NYNEX Enterprise Service circuit be purchased in conjunction with NYNEX Enterprise Network Reconfiguration Service* as described in Part B, Section 17, Paragraph D. of this Product Guide.

(N)

* As of June 30, 2022, NYNEX Enterprise Network Reconfiguration Service is not provided to new customers. Existing customers may retain the service; however, changes additions, and/or rearrangements are not permitted.

(N)
(N)
(N)

DIGITAL DATA COMMUNICATION SERVICE

I. NYNEX ENTERPRISE SERVICE (Cont'd)

As of June 30, 2022, this service is not provided to new customers. Existing customers may retain the service; however, changes additions, and/or rearrangements are not permitted.

(N)
(N)

3. Description (Cont'd)

b. NYNEX Enterprise Service Optional Features (Cont'd)

(3) Network Emergency Planning Options (Cont'd)

(e) Emergency Reconfiguration In Conjunction with Standby Circuits (DS1, DS3)
(Cont'd)

Requests for reconfiguration of Enterprise channels from customers who subscribe to Emergency Reconfiguration in Conjunction with Standby Circuits will take priority over requests from customers who subscribe to Requested Reconfiguration. A monthly charge applies for access to the SPOC as set forth in Part B, Section 17, Paragraph F.

(f) Emergency Reconfiguration (DSO, Fractional DS1, DS1, DS3)

Upon request to the SPOC, the Company will reconfigure a channel or channels of a NYNEX Enterprise Service circuit to alternate customer premises, based on a circuit map previously reviewed and agreed to by the customer. A reconfigurable channel may consist of a DDC alone or may include an IDC as well.

Emergency Reconfiguration requires that the customer's NYNEX Enterprise Service circuit be purchased in conjunction with NYNEX Enterprise Network Reconfiguration Service* as described in Section 18, Paragraph D. of this Product Guide.

(N)

Requests for reconfiguration of Enterprise channels from customers who subscribe to Emergency Reconfiguration will take priority over requests from customers who subscribe to Emergency Reconfiguration in Conjunction with Standby Circuits or Requested Reconfiguration. A monthly charge applies for access to the SPOC as set forth in Part B, Section 18.

* As of June 30, 2022, NYNEX Enterprise Network Reconfiguration Service is not provided to new customers. Existing customers may retain the service; however, changes additions, and/or rearrangements are not permitted.

(N)
(N)
(N)

DIGITAL DATA COMMUNICATION SERVICE

I. NYNEX ENTERPRISE SERVICE (Cont'd)

As of June 30, 2022, this service is not provided to new customers. Existing customers may retain the service; however, changes additions, and/or rearrangements are not permitted.

(N)
(N)

4. Terms and Conditions

- a. The Company will provide this service only to subscriber designated building locations served with fiber facilities.
- b. Specifications and requirements for NYNEX Enterprise Service channels are described as follows:

NYNEX Enterprise DSO

TR-TSY-000335
PUB 41004, Table 4
TR-NPL-000157
PUB 62310
NTR 74374, Issue No. 2
NTR 74375, Issue No. 2
Newbridge Intelligent
Network Node, Interface
Specification, PRD-0004

NYNEX Enterprise
DSO Prime

NYNEX Enterprise
Fractional DS1
NYNEX Enterprise DS1

ANSI T1.403
TR-NPL-000054
PUB 63411
TR-INS-00342

NYNEX Enterprise DS3

Technical Publications are available at:

http://www.verizonenterprise.com/us/publications/service_guide/
http://www.ansi.org/news_publications/periodicals/overview.aspx?menuid=7

- c. NYNEX Enterprise Service installation are not subject to service connection charges as specified in Part B, Section 18 of this Product Guide.

DIGITAL DATA COMMUNICATION SERVICE

I. NYNEX ENTERPRISE SERVICE (Cont'd)

As of June 30, 2022, this service is not provided to new customers. Existing customers may retain the service; however, changes additions, and/or rearrangements are not permitted.

(N)
(N)

4. Terms and Conditions (Cont'd)

- d. A maximum of twenty-four (24) NYNEX Enterprise DSO Digital Distribution Channels may, at a Hub, connect to a NYNEX Enterprise Service DS1 Digital Distribution Channel to form end to end service. A maximum of twenty eight (28) NYNEX Enterprise DS1 Digital Distribution channels may, at a Hub, connect to a NYNEX Enterprise Service DS3 Digital Distribution Channel to form end to end service.
- e. Switched Network Access Port Service (SNAPS), DDS and/or Network Reconfiguration Service may not be combined with or connected to NYNEX Enterprise Service circuits.
- f. NYNEX Enterprise DSO Service may be provided with Standard NYNEX Enterprise DDC's and NYNEX Enterprise Service DSO Prime Service DDC's on the same point to point service, Interoffice Digital Channel, or groomed on NYNEX Enterprise DS1 channels.
- g. A NYNEX Enterprise DSO service may be provisioned with a combination of one standard service and one prime service. NYNEX Enterprise DSO Standard channels and NYNEX Enterprise DSO Prime Service channels may be groomed on the same NYNEX Enterprise DS1 channel at the NYNEX Enterprise Hub.
- h. NYNEX Enterprise DSO, Fractional DS1, DS1 and DS3 Service may connect to an interconnector's node under the terms and conditions for Optical Transport Interconnection Service II and Microwave Transport Interconnection Service, as specified elsewhere in this Product Guide.
- i. The subscriber shall provide the Company. with access to floor space, wall space, cable routes and power sources sufficient to provide this service. The subscriber shall be responsible for environmental conditions (HVAC) in subscriber designated buildings.
- j. Special Construction charges pursuant to Part A, Section 1, Paragraph A. 5. of this Product Guide shall apply when a subscriber requests NYNEX Enterprise Service to a building which is not served by fiber.
- k. The subscriber is responsible for the provision of all CSU/DSU, modem or other customer premises equipment at either end of the NYNEX Enterprise Service circuit.
- l. The minimum service period for NYNEX Enterprise DDCs and/or IDCs is 3 months, except for NYNEX Enterprise FDDI DDCs and/or IDCs, for which the minimum service period is three (3) years.

DIGITAL DATA COMMUNICATION SERVICE

I. NYNEX ENTERPRISE SERVICE (Cont'd)

As of June 30, 2022, this service is not provided to new customers. Existing customers may retain the service; however, changes additions, and/or rearrangements are not permitted.

(N)
(N)

4. Terms and Conditions (Cont'd)

- m. A subscriber to NYNEX Enterprise Service may also select a service period ranging from 13 to 84 months at the appropriate rates shown on the Rate Schedule. Termination liability charges, as specified in Paragraph q. following, apply for termination prior to the completion of the minimum service period and/or the selected service period.
- n. Interoffice Digital Channels are required when 1) the local central office is not a NYNEX Enterprise Hub; or 2) the subscriber premises are in different central office building areas, or 3) grooming or DSO Multi-point Bridging is provided at a NYNEX Enterprise Hub which is not the subscriber's local central office.

Interoffice Digital Channel (IDC) mileage applies as follows:

- (1) If the local central office is not a NYNEX Enterprise Hub, an IDC is required for each Digital Distribution Channel (DDC) provided to the subscriber. Mileage is calculated based upon the distance between the local central office and the NYNEX Enterprise Hub serving the subscriber's local central office.
- (2) If the subscriber premises are in different Central Office Building areas an IDC is required between the local Central Offices of each premises. In the case the mileage is calculated based upon the distance between the two local Central Offices.
- (3) IDC mileage charges will also apply to connect an NYNEX Enterprise DDC to an NYNEX Enterprise Hub in order to provide grooming or multi-point bridging, if such grooming or bridging is not performed at the local Central Office. The mileage in this instance is calculated based upon the distance between the local serving Central Office and the NYNEX Enterprise Hub.

Interoffice Digital Channels are measured between Central Offices/NYNEX Enterprise Hubs in airline miles based upon the latitude and longitude of each Central Office/Hub. Any fractional mileage is rounded up to the next full mile.

DIGITAL DATA COMMUNICATION SERVICE

I. NYNEX ENTERPRISE SERVICE (Cont'd)

As of June 30, 2022, this service is not provided to new customers. Existing customers may retain the service; however, changes additions, and/or rearrangements are not permitted.

(N)
(N)

4. Terms and Conditions (Cont'd)

o. Credit Allowances

1. When A Credit Allowance Applies

The NYNEX Enterprise Service Guarantee will be applied to service interruptions which exceed four (4) consecutive hours. The NYNEX Enterprise Service Guarantee credit is in lieu of all other credit allowances stated in Part A, Section 1 of this Product Guide. A maximum of one credit, equal to the total monthly recurring charges for the service, may be issued per circuit, per bill period. A Service Interruption will result in a maximum of one credit regardless of duration or timing within bill periods.

2. When A Credit Allowance Does Not Apply

No credit allowance will apply:

1. For Service Interruption during any time period in which Verizon New York Inc. is not afforded access to the premises where the circuit is terminated, in order to effect a repair.
2. For a Service Interruptions not due to any fault of the Verizon New York Inc., including but not limited to, Verizon New York Inc. initiated rearrangements.
3. When the subscriber declines to release a circuit for repair.
4. For a Service Interruption due to the failure of equipment or systems provided by others, and/or for service-affecting commercial power failures.
5. When a subscriber released a circuit to Verizon New York Inc. for non-trouble related reasons, including but not limited to, Verizon New York Inc. initiated rearrangements, or for the implementation of a subscriber's order for a change or rearrangements.
6. When Verizon New York Inc. suspends or terminates service because of non-payment or bills due to unlawful or improper use of facilities or service, or any other reason authorized by the Product Guide.

DIGITAL DATA COMMUNICATION SERVICE

I. NYNEX ENTERPRISE SERVICE (Cont'd)

As of June 30, 2022, this service is not provided to new customers. Existing customers may retain the service; however, changes additions, and/or rearrangements are not permitted.

(N)
(N)

4. Terms and Conditions (Cont'd)

p. Individual Case Billing Arrangements

NYNEX Enterprise FDDI 100 Mbps Service prices are to be determined on a customer specific pricing basis using incremental costs. Prices will be determined on an Individual Case Basis (ICB) for other NYNEX Enterprise Services where the subscriber is interested in non-standard service periods and/or volume commitments. Volume commitments are available on an individual rate or a bulk billed basis. Bulk billing will begin when fifty percent (50%) of the service is installed, unless other specific billing arrangements are included as part of the ICB contract. In determining the price for a volume related ICB arrangement, the Company will recognize the total volume of intrastate and interstate NYNEX Enterprise Services. However, the Company will only apply discounts to the intrastate NYNEX Enterprise Services.

As part of an ICB arrangement, the Company may offer to stabilize NYNEX Enterprise prices over the life of the contract. In such an arrangement the ICB monthly rate is guaranteed against Verizon New York Inc. initiated increases and will apply for the entire duration of the ICB contract. In the event that a Public Service Commission mandated increase is applied to the ICB price, the subscriber may terminate the contract without incurring any termination liability, except that a charge may be applied to recover any unrecovered relevant incremental costs incurred by the Company.

If Product Guide rates for NYNEX Enterprise Service are decreased, the Company will review the ICB contract and, at its discretion, may offer to lower the ICB contract price, provided relevant incremental costs are covered.

q. Termination Liability

Any termination of channels prior to completion of the applicable minimum service period will result in termination liability charges, per channel, equal to 100% of the month to month rates for the remaining months in the minimum service period. This liability also applies to channels under service periods ranging from 13 to 84 months and to channels provided under an ICB arrangement which terminate prior to completion of the minimum service period.

Any termination prior to completion of the selected service period, but after the applicable minimum service period, will also result in a termination liability charge per channel. This charge will be the lower of the charges calculated under the two options below.

OPTION 1

The termination liability charge, per channel, is 50% of the applicable monthly rate for each month and fraction thereof in the balance of the selected service period.

DIGITAL DATA COMMUNICATION SERVICE

I. NYNEX ENTERPRISE SERVICE (Cont'd)

As of June 30, 2022, this service is not provided to new customers. Existing customers may retain the service; however, changes additions, and/or rearrangements are not permitted.

(N)
(N)

4. Terms and Conditions (Cont'd)

q. Termination Liability (Cont'd)

OPTION 2

The termination liability charge, per channel, is the difference between the applicable monthly rate for the shorter service period for which the channel actually in service and the monthly rate for the selected service period multiplied by the actual number of months the terminated channel has been in service.

For channels provided under the terms of a bulk-billed ICB arrangement the monthly rate to be used in calculating termination liability charges will be the average price per channel or LAN connection included in the ICB arrangement. The average price is the ICB monthly rate divided by the number of channels or LAN connection included in the ICB. When determining termination liability charges under Option 2 above, the difference between the Product Guide rates for the service period for which the channels were actually in service and the average price per channel or LAN connection will be used.

Termination liability charges for channels provided under the terms of a bulk-billed ICB arrangement may be waived, provided that relevant incremental costs are recovered.

(1) Termination liability charges do not apply to upgrade or replace Enterprise Service.

An upgrade is a disconnect of some or all of a subscriber's Enterprise Services in order to replace them with other Enterprise Services with a bit rate higher than that of the services being disconnected.

A replacement occurs when a customer with Enterprise Service provided under a service period of 24 months or more replaces one or more of the services with new or existing service(s) of the same speed or type for the balance of the selected service period.

Termination liability charges will not apply provided that an order to accomplish the upgrade or replacement of the existing service is placed at the same time as the disconnect order, or within sixty (60) days of such an order.

r. Extension of Service Period

A subscriber may, prior to the expiration of the selected service period, replace the Individual Case Billing arrangement with a longer service period. No termination liability charges will apply for the circuits extended to a longer service period. The monthly rates applicable for the longer service period will apply effective with the next bill date following the request for the charge.

DIGITAL DATA COMMUNICATION SERVICE

I. NYNEX ENTERPRISE SERVICE (Cont'd)

As of June 30, 2022, this service is not provided to new customers. Existing customers may retain the service; however, changes additions, and/or rearrangements are not permitted.

(N)
(N)

4. Terms and Conditions (Cont'd)

s. NYNEX Enterprise Access to Flexpath Service* is provided by means of the following service arrangements:

- (1) If Flexpath service is available from the subscribers local serving Central Office, and that serving central office is also an NYNEX Enterprise Hub, then the serving arrangement will consist of a dedicated NYNEX Enterprise Access to Flexpath Service Digital Distribution Channel (DDC), between the local central office which is a NYNEX Enterprise Hub and the customer location in that central office district, and a Flexpath service port.
- (2) If Flexpath service is available from the subscribers local serving central office, and that serving central office is not a NYNEX Enterprise Hub office, NYNEX Enterprise Access to Flexpath Service is provided via a dedicated NYNEX Enterprise Access to Flexpath Service Digital Distribution Channel (DDC), between the local serving central office and the customer location in that local serving central office district, a Flexpath service port, and a NYNEX Enterprise Interoffice Digital Channel (IDC) between a NYNEX Enterprise Hub and the subscriber's Flexpath equipped local serving central office.
- (3) If Flexpath service is not available from the subscribers local serving Central Office, yet is available in an office other than the local serving central office of the subscriber's location, service may be provided via a NYNEX Enterprise Access to Flexpath Service Digital Distribution Channel (DDC), between the local serving central office and the customer location in that local serving central office district, a Flexpath service port, and an NYNEX Enterprise Interoffice Digital Channel (IDC) between the central office where the Flexpath service port is located and the subscriber's local serving central office.

t. NYNEX Enterprise Service is only available where suitable facilities exist. In order to satisfy a subscriber's service requirements in those incidental locations where NYNEX Enterprise Service facilities are available at the subscribers local serving central office, but are not available at a subscribers premises, connection to NYNEX Enterprise Service at the local Serving Central office may be accomplished using the local serving facilities of:

<u>Item</u>	<u>Product Guide Reference</u>
Analog Private Line	NY Product Guide, Part B, Section 5
DDS II	NY Product Guide, Part B, Section 17
Superpath 1.5 megabit/sec service	NY Product Guide, Part B, Section 9
NYNEX Enterprise Interoffice Digital Channel mileage (if appropriate) will apply from the subscriber's local serving central office to a Hub.	

* Flexpath Digital PBX Service is no longer available to new business customers. See Part B, Section 3, Paragraph B.

DIGITAL DATA COMMUNICATION SERVICE

I. NYNEX ENTERPRISE SERVICE (Cont'd)

As of June 30, 2022, this service is not provided to new customers. Existing customers may retain the service; however, changes additions, and/or rearrangements are not permitted.

(N)
(N)

4. Terms and Conditions (Cont'd)

When a NYNEX Enterprise Service customer subscribes to NYNEX Enterprise Network Reconfiguration Service*, as described in Part B, Section 17, Paragraph D. of this Product Guide, no more than fifty percent (50%) of the Network Access Ports may terminate channels of the above listed services.

(N)

When the above listed services are connected to NYNEX Enterprise Service, they are provided under the terms and conditions of their respective Product Guide provisions , rates and charges. NYNEX Enterprise Service terms and conditions are not extended to these services, except that when prices for NYNEX Enterprise Service are determined on an individual case basis, rates for such services may be included in the Individual Case Billing Arrangement.

u. NYNEX Enterprise Access to ISDN Primary Service is provided by means of the following service arrangements:

- (1) If ISDN Primary service is available from the subscriber's local serving central office, and that serving central office is also an Enterprise Hub, then the serving arrangement will consist of dedicated NYNEX Enterprise Access to ISDN Primary Service Digital Distribution Channel (DDC), between the local central office which is a NYNEX Enterprise Hub and the customer location in that central office district, and an ISDN Primary service port.
- (2) If ISDN Primary Service is available from the subscriber's local serving central office, and that serving central office is not a NYNEX Enterprise Hub office, NYNEX Enterprise Access to ISDN Primary Service is provided via a dedicated NYNEX Enterprise Access to ISDN Primary Service Digital Distribution Channel (DDC), between the local serving central office and the customer location in that local serving central office district, an ISDN Primary service port, and a NYNEX Enterprise Interoffice Digital Channel (IDC) between a NYNEX Enterprise Hub and the subscriber's ISDN Primary equipped local serving central office.
- (3) If ISDN Primary Service is not available from the subscribers local serving central office, yet is available in an office other than the local serving central office of the subscriber's location, service may be provided via a NYNEX Enterprise Access to ISDN Primary Service Digital Distribution Channel (DDC), between the local serving central office and the customer location in that local serving central office district, an ISDN Primary service port, and a NYNEX Enterprise Interoffice Digital Channel (IDC) between the central office where the ISDN Primary Service port is located and the subscriber's local serving central office.

* As of June 30, 2022, NYNEX Enterprise Network Reconfiguration Service is not provided to new customers. Existing customers may retain the service; however, changes additions, and/or rearrangements are not permitted.

(N)
(N)
(N)

DIGITAL DATA COMMUNICATION SERVICE

I. NYNEX ENTERPRISE SERVICE (Cont'd)

As of June 30, 2022, this service is not provided to new customers. Existing customers may retain the service; however, changes additions, and/or rearrangements are not permitted.

(N)
(N)

5. Waiver of Charges

- a. The Company reserves the right to waive recurring charges in order to promote the sale of NYNEX Enterprise Fractional DS1 Service.
- b. Terms and conditions in effect on this waiver are listed in the Attachment to this Section.
- c. Each waiver will be in effect for a maximum period of 90 days.
- d. Appropriate notification of the waiver will be made to customers.

6. Rates and Charges

For Rates and Charges, see Part B, Section 18 of this Product Guide.

DIGITAL DATA COMMUNICATION SERVICE

J. ENTERPRISE SWITCHED WIDEBAND SERVICE

(Note: This service provided to existing subscribers only. Moves, changes, additions, and/or rearrangements are not permitted).

1. General

NYNEX Enterprise Switched Wideband Service is a transmission service available to business customers. This service provides the customer with connection to a NYNEX Enterprise Switched Wideband Service port in a designated central office via a Switched Wideband Digital Transport Facility (DTF) for switching over the Company's network. The service provides bandwidth rates varying from 128 kbps to 1.536 megabits per second (mbps) in 64 kbps increments per channel. The customer will also be able to establish single 64 kbps circuit switched data calls.

NYNEX Enterprise Switched Wideband Service connects compatible customer premises equipment by the customer as provided by the customer to a port in a suitably equipped Company node. This service provides isochronous (constant delay) transmission for data applications including video conferencing, image transfer, and bulk data transfer. The customer may make a single call for the bandwidth needed, rather than multiple calls for the desired number of channels.

Both standard service features and optional features are available.

2. Explanation of Terms

B Channel

A 64 kbps transmission facility that supports circuit switched data communications and in b and or out-of-band signaling (via the D channels).

Customer Site

A single physical location where the customer's circuits terminate.

D Channel

A 64 kbps transmission facility used for out-of-band signaling and control of the B channels.

Switched Wideband Digital Transport Facility (DTF)

A 1.5 mbps facility between the customer premises network interface and a port in the Company's designated central office. The DTF supports channels configured as 23B + D or 24B. The Company shall determine, based on engineering requirements, whether the DTF will be copper or fiber.

DIGITAL DATA COMMUNICATION SERVICE

J. NYNEX ENTERPRISE SWITCHED WIDEBAND SERVICE (Cont'd)

(Note: This service provided to existing subscribers only. Moves, changes, additions, and/or rearrangements are not permitted).

(T)
(T)

2. Explanation of Terms (Cont'd)

Node

A digital central office switch equipped to support NYNEX Enterprise Switched Wideband Service.

Port

A DS-1 digital switch termination that interfaces directly to a 1.5 mbps DTF and is capable of handling channels configured as 23B + D or 24B.

3. Feature Descriptions

Standard

64 kbps Clear Channel Capability - uses standard protocol B8ZS (bi-polar 8 zero substitution) for transport at 64 kbps channel increments.

Optional

Multiple Facility Signaling Control - allows the customer to use the D channel of one Switched Wideband Service DTF to provide signaling control for up to 19 associated Switched Wideband Service DTFs connected to the same customer premises equipment.

Back-Up D Channel - allows the customer to designate a D channel in a different DTF at the same customer site to be designated as the alternative D channel. A customer who selects this optional feature must also subscribe to Multiple Facility Signaling Control.

Private Network Dialing - allows completion of calls among NYNEX Enterprise Switched Wideband Service customer locations served by the same Switched Wideband Node. This option is available only under an individual case billing (ICB) arrangement and the customer will be charged a monthly rate for unlimited usage.

DIGITAL DATA COMMUNICATION SERVICE

J. NYNEX ENTERPRISE SWITCHED WIDEBAND SERVICE (Cont'd)

(Note: This service provided to existing subscribers only. Moves, changes, additions, and/or rearrangements are not permitted).

(T)
(T)

4. Terms and Conditions

- a. NYNEX Enterprise Switched Wideband Service is provided subject to the availability of facilities.
- b. The minimum service period for DTFs, ports, and optional features is three months. Additions to the initial service are also subject to a three month minimum service period.
- c. Switched Wideband DTF's may be utilized only for connection of NYNEX Enterprise Switched Wideband customers' premises equipment to NYNEX Enterprise Switched Wideband ports.
- d. Any termination of port(s)/DTF(s)/optional feature(s) prior to completion of the applicable minimum service period will result in termination liability charges, per port/DTF/optional feature, equal to 100% of the month to month rates for the remaining months in the minimum service period. This liability also applies to port(s)/DTF(s)/optional feature(s) under service periods of three (3), four (4), or five (5) years which terminate prior to completion of the minimum service period and to port(s)/DTF(s)/optional feature(s) provided under an ICB arrangement. Termination charges with respect to facilities provided under other Company tariffs/Product Guide shall be those charges stated in the applicable tariff/Product Guide.

Any termination prior to completion of the selected service period, but after the applicable minimum service period, will also result in a termination liability charge per port/DTF/optional feature. This charge will be the lower of the charges calculated under the two options below.

OPTION 1

The termination liability charge, per port/DTF/optional feature, is 50% of the applicable monthly rate for each month and fraction thereof in the balance of the selected service period.

OPTION 2

The termination liability charge, per port/DTF/optional feature, is the difference between (i) the applicable monthly rate for the shorter service period for which the port/DTF/optional feature was actually in service, if the terminated facility was in service at least 36 months or the month-to-month rate, and (ii) the monthly rate for the selected service period multiplied by the actual number of months the terminated port/DTF/optional feature has been in service.

DIGITAL DATA COMMUNICATION SERVICE

J. NYNEX ENTERPRISE SWITCHED WIDEBAND SERVICE (Cont'd)

(Note: This service provided to existing subscribers only. Moves, changes, additions, and/or rearrangements are not permitted).

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4. Terms and Conditions (Cont'd)

d. (Cont'd)

For port(s)/DTF(s)/optional feature(s) provided under the terms of an ICB arrangement, the monthly rate to be used in calculating termination liability charges will be the average price per port/DTF/optional feature included in the ICB arrangement. The average price is the ICB monthly rate divided by the number of port(s)/DTF(s)/optional feature(s) included in the ICB. When determining termination liability charges under Option 2 above, the difference between the Product Guide rates for the service period for which the port(s)/DTF(s)/optional feature(s) were actually in service and the average price per port/DTF/optional feature will be used.

Termination liability charges for port(s)/DTF(s)/optional feature provided under the terms of an ICB arrangement may be waived, provided that relevant incremental costs are recovered.

- e. A customer may convert an existing service period plan to one of longer duration prior to the completion of the existing service period plan without penalty. The customer will be charged a record order charge for the change and will pay the prevailing rates in effect for the service period plan chosen.
- f. A customer who is not presently under a NYNEX Enterprise Switched Wideband Service Period Plan may at any time subscribe to one for the service as provisioned or for a greater number of DTFs, ports and/or optional features. The customer will be charged a record order charge for the change and will pay the prevailing rates in effect for the selected service period plus any applicable non-recurring charges for new service elements.
- g. Customer provided equipment used to connect NYNEX Enterprise Switched Wideband Service must comply with the following specifications.
 - Bellcore Technical Reference TR-NWT-0001203
 - AT&T Interface Specification 235-900-342
 - NTI User Network Interface Specification NIS211-1 Ver. 5
- h. The customer shall subscribe to NYNEX Enterprise Switched Wideband Service numbers. NYNEX Enterprise Switched Wideband Service numbers will be provided only in blocks of 20 consecutive numbers. The NYNEX Enterprise Switched Wideband Service numbers can be provided per DTF or across multiple DTF's at the same site. These minimums apply whether or not a customer utilizes all the numbers in the group. Groups of consecutive numbers are defined as a group where the last digit of the first number is a zero (0) and the last digit of the last number is (9).

DIGITAL DATA COMMUNICATION SERVICE

J. NYNEX ENTERPRISE SWITCHED WIDEBAND SERVICE (Cont'd)

(Note: This service provided to existing subscribers only. Moves, changes, additions, and/or rearrangements are not permitted).

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4. Terms and Conditions (Cont'd)

- i. The Company shall not be responsible to the customer if changes in any of the facilities, operations, or procedures utilized in the provision of NYNEX Enterprise Switched Wideband Service cause any equipment provided by the customer to become obsolete or require any modification or alteration of such equipment or system or otherwise affect its use or performance.
- j. Ports will be provided at the DS-1 level only.
- k. For customers subscribing to a service period plan, non-recurring charges may be paid in a lump sum single payment as part of the first monthly bill or, at the customer's option, in twelve monthly payments. If the customer elects the twelve monthly payments, the customer is liable to pay all remaining monthly payments at the time of termination if service is terminated prior to the expiration of the twelve months.
- l. One listing without charge applies for each NYNEX Enterprise Switched Wideband Service Port.
- m. ISDN Primary Service customers under a service period plan who wish to convert to NYNEX Enterprise Switched Wideband Service must subscribe to NYNEX Enterprise Switched Wideband Service for a minimum period which equals the remainder of their service period plan under ISDN Primary Service or a minimum of three months, whichever is greater.
- n. The monthly rate for customers choosing a service period plan is guaranteed against Company-initiated change and will apply for the length of the selected service period.
- o. If the monthly rates applicable to the customer's selected service period plan are lowered during the term of that plan, the customer will be allowed to cancel their existing service plan, without penalty, provided that the customer subscribes to a new service period plan equal to or greater than the number of months remaining under the initial service period plan. The customer will be subject to all terms, conditions, and prices of the new service period plan.
- p. The Company reserves the right to waive any or all of the recurring charges, nonrecurring charges, or both, associated with NYNEX Enterprise Switched Wideband Service in order to promote the sale of the service. Each waiver period offered by the Company will not extend beyond 90 days. If, at the expiration of the waiver period the customer elects to retain any or all of the service, then applicable recurring rates will

DIGITAL DATA COMMUNICATION SERVICE

J. NYNEX ENTERPRISE SWITCHED WIDEBAND SERVICE (Cont'd)

(Note: This service provided to existing subscribers only. Moves, changes, additions, and/or rearrangements are not permitted).

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4. Terms and Conditions (Cont'd)

q. NYNEX Enterprise Switched Wideband Service subscribers who are served from a foreign node will be notified by the Company when software and hardware facilities become available at their local central office. If the customer switches service to the local central office, the Service Establishment charge and nonrecurring charges for DTFs and ports will not be applicable. Termination charges will not apply on that transfer provided that all other terms of the customer's commitment remain the same. A number change generally will be required on any transfer from a foreign node to a local central office. A customer who chooses to continue service from a foreign node will continue to pay monthly rates for interoffice facilities as defined in Part B, Section 18 of this Product Guide.

r. Usage Charges

- (1) Customers will pay usage rates, as specified in Part B, Section 18, for intraLATA intrastate calls within their Regional Call Plan Home Region and Region-to-Region, Message Business Rate Band A, and Message Rate Band B-D.
- (2) Narrowband calls (64 kbps) will be charged at Switchway Service usage rates as specified in Part B, Section 18 of this Product Guide.
- (3) Monthly volume rates, as specified in Part B Section 18, apply automatically to intraLATA intrastate Regional Call Plan Region-to-Region, and Message Rate Band B-D calls only. Monthly volume rates will not apply to Narrowband calls.
- (4) Every call will be rounded up to the nearest minute. Normal rounding rules for cents apply.

DIGITAL DATA COMMUNICATION SERVICE

J. NYNEX ENTERPRISE SWITCHED WIDEBAND SERVICE (Cont'd)

(Note: This service provided to existing subscribers only. Moves, changes, additions, and/or rearrangements are not permitted).

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4. Terms and Conditions (Cont'd)

r. Usage Charges (Cont'd)

(5) Revenue Commitment Plan discounts will be provided to customers as specified in Part B, Section 18, and are applicable per customer site. The customer shall sign a Letter of Commitment agreeing to one of the annual revenue commitment levels specified in Part B, Section 18.

- i. At each anniversary date of the customer's Revenue Commitment Plan, a billing review will be performed to determine if the customer's Annual Usage Revenue Commitment has been met. If that minimum has not been achieved, the customer will pay the difference between the Annual Usage Revenue Commitment level as stated to in the Letter of Commitment and the actual billed charges in order to retain the discount or the month-to-month usage rate as specified in Part B, Section 18, whichever is less.
- ii. The customer may terminate the Letter of Commitment upon notice to the Company, which notice shall be effective at the end of the bill period following 60 days' notice of termination. Upon termination, the Company shall recalculate the customer's discount to reflect the actual service period for which the customer received the service. The customer shall pay termination charges based upon the Company's recalculation of usage charges. (a) If the customer has received the service for at least 36 months prior to the effective date of termination, the recalculated discount shall be the difference between the discount stated in the Letter of Commitment and the applicable % discount monthly usage rate for the shorter service period for which the customer actually received service. This recalculated discount shall apply to the customer's usage charges retroactively throughout the entire service period the customer actually received service. (b) If the customer received the service for less than 36 months at the effective date of termination, the Company shall recalculate the customer's usage charges as if no discount applied during the time the customer received the service.
- iii. If for any reason the Company withdraws the Revenue Commitment Plans, all customers will drop out of the plan. Insofar as a customer may not have a full year's usage, the service period commitment and Annual Usage Revenue commitments will be adjusted proportionately based on the number of months usage until the withdrawal date, and the billing adjustment procedures described in ii. will be applied to the adjusted usage commitments.

5. Rates and Charges

For Rates and Charges, see Part B, Section 18 of this Product Guide.

DIGITAL DATA COMMUNICATION SERVICE

K. INTERNET PROTOCOL ROUTING SERVICE

1. General

Internet Protocol Routing Service (IPRS) is a service available to Information Providers (IPs). The service provides for the collection, concentration and management of end user's intrastate data traffic within a LATA. IPRS consists of network equipment located at Verizon New York Inc. hub sites that will collect the customer's end user data traffic and concentrate it for connection and transport over a fast packet data network to a location designated by the customer.

IPRS provides two types of ports for the collection of end user traffic. The port type(s) is/are determined by the method(s) chosen by the customer for access to its end user(s).

The two port types are:

- 1) IPRS Combined Analog/ISDN Dial-up Port
- 2) IPRS Superpath 1.544 Mbps Port

The dial-up port type is intended for use with a single computer connection and not for connection to a Local Area Network (LAN). IPRS does not include the end user access service. End user services and facilities are available from this Product Guide and Verizon New York Inc. tariffs. IPRS requires the use of RADIUS (Remote Authentication Dial In User Service), a network security protocol, for the customer's authentication and authorization of its dial-up end user(s).

2. Definitions of Service Components (Port Types)

- a. IPRS Combined Analog/ISDN Dial-up Port: Provides one data path connection in a local calling area of the Company designated by the customer for analog/ISDN dial-up access to the customer by the customer's end users, and the internet protocol routing of the end user data to the customer.
- b. IPRS Superpath 1.544 Mbps Port: Provides connection and internet protocol routing of end user data terminated over dedicated private line facilities at a speed of 1.544 Mbps.

3. Terms and Conditions

- a. IPRS is offered under month-to-month, three (3) year, and five (5) year service period plans. A minimum 12-month service period is required under the month-to-month option. A Combined Analog/ISDN Dial-up port is only offered under month-to-month service period plans.

DIGITAL DATA COMMUNICATION SERVICE

K. INTERNET PROTOCOL ROUTING SERVICE (Cont'd)

3. Terms and Conditions (Cont'd)

- b. IPRS is provided on a negotiated service date interval.
- c. IPRS is monitored and maintained 24 hours a day, 7 days a week, for trouble isolation and resolution.
- d. All rate categories are billed monthly.
- e. Nonrecurring charges apply for the installation of each port. Changes in port from one rate category to another incur the nonrecurring charge.

A conversion of service to a new commitment period of equal or greater length than the remainder of the existing term does not incur nonrecurring charges for the existing port.

- f. When the customer's commitment period ends, month-to-month rates apply, unless the customer agrees to a new commitment period.
- g. IPRS is provided in compliance with standards available from the Internet Engineering Task Force (IETF) at www.ietf.org.
- h. Customers with a 3-year or 5-year service period plan may add additional ports at any time during the commitment period at the rates applicable for the service period plan and the volume commitment initially selected. All ports will therefore be subject to a common expiration date for service commitment.
- i. The access method that the customer requires will determine which type of port must be purchased.

DIGITAL DATA COMMUNICATION SERVICE

K. INTERNET PROTOCOL ROUTING SERVICE (Cont'd)

4. Termination Liability Charges

- a. Termination liability charges apply when a port is disconnected prior to the end of the minimum service period or prior to the end of the selected commitment period. Liability is assessed as follows:

Month-to-Month Service Plan: The customer is responsible for 100% of the monthly rates for the entire 12-month minimum service period.

3 and 5-Year Service Plans: The customer is responsible for 100% of the monthly rate for the first 12 months and 15% of the remaining monthly charges.

- b. Termination liability is waived if a port is converted to another term of equal or greater value in revenue than the remainder of the present term.
- c. Termination liability is waived when a customer replaces one port for another type and commits to a term of equal or greater value in revenue than the remainder of the current commitment. The replacement is subject to applicable nonrecurring charges.
- d. If the customer's recurring rate increases, the customer may discontinue service without liability.

5. Rates and Charges

For rates and charges, see Part B, Section 18 of this Product Guide.