

RESIDENTIAL **IntelliLinQ**® BRI SERVICE *

A. GENERAL

Residential **IntelliLinQ**® BRI Service is an optional service arrangement that uses the Basic Rate Interface (BRI) Arrangement of the Integrated Services Digital Network (ISDN).

B. TERMS AND CONDITIONS

1. Explanation of Terms

Basic Rate Interface (BRI) Arrangement

The BRI Arrangement provides ISDN capabilities from an ISDN equipped switch in the central office. The BRI Arrangement consists of two "B" (Bearer) channels and one "D" channel (2B+D) which are defined as:

B Channel

The B channel is a 64 kilobit per second (kbps) channel used for information transfer between users. The B channel may be used in conjunction with circuit-switched service.

D Channel

The D channel is a 16 kilobit per second packet-switched channel that carries signaling and control for the B channels.

Circuit Switching

Circuit Switching is a switching technique in which an entire circuit or, in a digital switch equipped for ISDN, a specific selection of time slots is dedicated to a given call.

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B. TERMS AND CONDITIONS (Cont'd)

1. Explanation of Terms (Cont'd)

Integrated Services Digital Network

Integrated Services Digital Network (ISDN) describes the end-to-end digital telecommunications network architecture which provides for the simultaneous access, transmission and switching of voice, data and image services. These functions are provided via channelized transport facilities over a limited number of standard user-network interfaces. The ISDN architecture consists of digital switching systems which connect Basic Rate Interface lines to their serving central office.

Residential **IntelliLinQ®** Basic Rate Interface (BRI)

Residential **IntelliLinQ®** BRI is an optional service arrangement. It uses the ISDN architecture to provide the customer with the capabilities of simultaneous access, transmission and switching of voice, data and image services via channelized transport. In addition, Residential **IntelliLinQ®** BRI Service provides the customer with the service capabilities and features described in 3. and 5. following.

Multiple Access **IntelliLinQ®** BRI

Multiple Access **IntelliLinQ®** BRI utilizes the B channels of the ISDN architecture for circuit-switched voice, circuit-switched data or alternate circuit-switched voice and data, and applies when both B channels or only one B channel is utilized for circuit-switched voice, circuit-switched data or alternate circuit-switched voice and data.

Network Interfaces

ISDN Basic Rate Interface is comprised of a limited set of standard user-network interfaces. The BRI customer premises equipment (CPE) located at the customer premises must be compatible with the network interface. This interface is defined as follows:

A two-wire interface is the physical interface between a switch equipped with ISDN and the network termination (NT1). The NT1 is customer premises equipment which is necessary for terminating a telephone circuit or facility at the customer premises.

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B. TERMS AND CONDITIONS (Cont'd)

1. Explanation of Terms (Cont'd)

Additional Directory Number

An ISDN Additional Directory Number (ADN) is a software defined number that is assigned to a station with an actual telephone number and provides the user the capability to originate and receive calls over the ADN. ADN calls utilize the same facilities as the primary directory number and originating calls assume the characteristics of the station to which the ADN is assigned.

2. Customers subscribing to Residential **IntelliLinQ®** BRI Service must comply with National ISDN Basic Rate Interface specifications as specified by Verizon Maryland LLC.

3. Service Capabilities

Customers can configure Residential **IntelliLinQ®** BRI Service using the following service capabilities:

- a. Circuit-Switched voice on the B channel(s).
- b. Circuit-switched data on the B channel(s) at speeds up to 64 kbps per B channel.
- c. Alternating circuit-switched voice and circuit-switched data on the same B channel.

4. Conditions

This service is offered subject to the following conditions:

- a. Circuit-switched data and voice calls will be billed on a local usage-sensitive basis as specified in this Product Guide. Toll charges will apply when circuit-switched data and voice calls are made to points outside of the Local Service Area.
- b. ISDN compatible terminal equipment is a requirement for operation. It is the customer's responsibility to obtain and power such equipment.

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B. TERMS AND CONDITIONS (Cont'd)

4. Conditions (Cont'd)

- c. Residential **IntelliLinQ** BRI Service is available only from central offices which have the facilities necessary to provide Residential **IntelliLinQ** BRI Service on the standard ISDN network platform. If a customer is served by a central office which does not have the facilities necessary to provide Residential **IntelliLinQ** BRI Service on the standard ISDN network platform, the Company may, in its discretion, provide Residential **IntelliLinQ** BRI Service to the customer from an alternate serving central office, determined by the Company, at no additional charge to the customer; providing such service can be provided at a reasonable cost to the Company and the Company's existing rates for Residential **IntelliLinQ** BRI Service cover any additional cost for service from the alternate serving central office. The customer must accept the alternate serving central office assigned by the Company, and must agree to take service from the customer's normal serving central office at such time as Residential **IntelliLinQ** BRI Service is available from that central office.

If Residential **IntelliLinQ** BRI Service is provided from an alternate serving central office, the customer must accept a telephone number associated with the alternate serving central office. The customer will also be subject to calling areas associated with the alternate serving central office as established in Company tariffs and product guides.

When Residential **IntelliLinQ** BRI Service is available from the customer's normal serving central office, the customer will no longer take service from the alternate serving central office and will begin taking service from the normal serving central office, will accept a telephone number change to a number associated with the normal serving central office, and will be subject to calling areas associated with the normal serving central office as specified in Company tariffs and product guides. If the customer does not take service from the normal serving central office after such service becomes available, but continues to take service from the alternate serving central office, charges for foreign exchange and/or foreign central office service will apply as specified in Company tariffs and product guides.

No charge will apply to transfer of this service from the alternate serving central office to the normal serving central office as set forth above, or to the number changes described above.

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B. TERMS AND CONDITIONS (Cont'd)

4. Conditions (Cont'd)

c. (Cont'd)

In addition, the customer's service location must be within the distance limitations determined during installation of the service in the sole judgment and discretion of the Company.

If a power failure occurs at the service location and the terminal equipment used by the customer does not have a battery backup, the equipment will not operate and contact with emergency services such as 911 will not be possible.

- d. Residential **IntelliLinQ** BRI Service does not preclude the customer from originating circuit-switched voice calls to, or receiving circuit-switched voice calls from, inside or outside of the customer's serving central office or Local service Area. Where facilities are available, the customer will be able to originate circuit-switched data calls to, and receive circuit-switched data calls from, outside of the customer's serving central office.
- e. Residential **IntelliLinQ** BRI service provides access to two circuit switched "B" channels. Single B and D packet data services are not included in this Product Guide offering.

5. Residential Features Package

Residential Features Package provides the customer with the ability to access the following features where available. Use of these features requires customer provided ISDN compatible CPE and/or software.

a. Automatic Exclusion

Automatically inhibits other stations from picking up a call on hold or bridging onto a call that is active at that station. This feature must be used in conjunction with Shared Call Appearances for a Directory Number.

b. Drop

Allows the user to drop the last party added to a conference call. This feature must be used in conjunction with three-way calling.

c. Feature Function Button

Allows the user to assign certain features to a particular button on the user's ISDN set. When depressed, the button will activate the assigned feature.

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B. TERMS AND CONDITIONS (Cont'd)

5. Residential Features Package (Cont'd)

d. Hold

Allows the user to place a call on hold.

e. Individual Calling Line Identification

Allows the user to have access to the directory number of the calling party.

f. Key System Coverage for Analog Lines

Allows an ISDN set to provide call coverage for an analog set.

g. Multiple Call Appearances of a Directory Number

Allows the user to have more than one appearance of the user's directory number assigned to the user's set, providing the capability of multiple incoming or outgoing calls associated with that directory number. Multiple incoming calls to this directory number can be terminated to the telephone if idle call appearances are available to accept the calls. Analog sets may have only one call appearance.

h. Outgoing Called Line Identification for ISDN Sets

Provides the user originating a call with the number of the called party.

i. Shared Call Appearances for a Directory Number

Allows a directory number from one terminal to appear as a call appearance on the terminals of other users.

j. Short Hunt

Permits incoming calls to hunt over a set of directory number appearances in search of an idle directory number on which to terminate.

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C. RATES

1. Application of Rates

a. **IntelliLinQ**® BRI Access

(1) Service Capability Charges

(a) Monthly Rate

Monthly rates for Service Capabilities apply per service capability provided.

(b) Installation Charge

The Installation Charge applies per termination for the installation or the move of the IntelliLinQ® BRI Access.

b. Multiple Access

(1) Circuit-Switched data and voice usage rates for usage in excess of the "Multiple Access" package usage allowance are as specified in C.2. following.

(2) Multiple Access Residential **IntelliLinQ** BRI packages are as follows:

20 hour package includes 20 hours of single B channel voice or data usage.

60 hour package includes 60 hours of single B channel voice or data usage.

140 hour package includes 140 hours of single B channel voice or data usage.

300 hour package includes 300 hours of single B channel voice or data usage.

500 hour package includes 500 hours of single B channel voice or data usage.

Unlimited package includes unlimited hours of two B channel voice and data usage.

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C. RATES (Cont'd)

1. Application of Rates (Cont'd)

c. Point to Multipoint Access

A physical connection in which a single network termination supports multiple terminal equipment devices. Charges are per service profile identifier (SPID) over and above two SPIDs per termination.

2. Rates and Charges

	<u>Installation Charge</u>	<u>Per Month</u>
a. Additional Directory Number per number established, ...	-	\$ 3.85
b. Multiple Access.....	125.00	-
Basic Package	-	25.00
20 hour package	-	28.00
60 hour package	-	35.00
140 hour package	-	48.00
300 hour package	-	74.00
500 hour package	-	106.00
Unlimited package	-	236.00
c. Residential Feature Package, per B Channel	-	4.25
d. Point to Multipoint Access.....	-	1.00

Usage for each B channel will be recorded separately, and usage for both channels will then be added together to arrive at total B channel usage.

Circuit-switched data and voice usage is applied per B channel at a rate of \$.01 per minute, or fraction thereof, for all local usage in excess of the "Multiple Access" usage allowance.

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