

Hardware Parameters

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IO Base Address

The IO Base Address is the port address of the BRI Adapter . The Adapter's address is set by the user during adapter installation.

Interrupt

The BRI Adapter generates a hardware interrupt to indicate various conditions to the CPU. The Adapter's interrupt number is set by the user during adapter installation. The BRI Adapter supports interrupt numbers: 9, 10, 11, 12, & 15.

Telco Switch

The Telco Switch specifies the type of provisioning the telephone company switch is using. Contact your telephone company or refer to the documentation provided with your BRI service order to obtain the proper setting for this parameter.

Phone Number

The Phone Number parameter specifies the phone number assigned to the ISDN terminal by the telephone company. Enter the supplied number with no hyphens, parenthesis or other punctuation.

Number of Terminals

The Number of Terminals parameter specifies the number of logical ISDN terminals provided by the BRI Adapter. If your telephone company assigned only one phone number for your ISDN line, select 1. This is the typical case for ATT Custom and NI-1 switches. If your telephone company assigned a different phone number for each B-channel, select 2. This is the case for the Northern Telecom switches and for NI-1 switches in some regions. For each terminal there is a 'Settings' box where you will enter the terminal's phone number and SPID, if required.

SPID

The Service Profile Identifier (SPID) is a number assigned to each ISDN terminal by the telephone company. The ISDN terminal can be a physical terminal on a multi-point line or a logical terminal for one or two B-channels. If you are connected to a Northern Telecom switch you will have two SPIDs, one for each B-channel. For an NI-1 switch you will have one or two SPIDs depending on your switch manufacturer or region of the country. For ATT Custom switches and PBXs you may be provided a SPID by your service provider. Enter the number(s) provided by your telephone company.

Voice Enabled

If the Voice Enabled checkbox is checked, incoming voice calls will be routed to the analog phone jack on the back of the card and the board will emit an audible ring. If the box is not checked, incoming voice calls will be treated as data calls and be passed up to the RAS for processing (you can provision the RAS to use 56K voice as the bearer service for data calls, see Remote Access Help). In either case you will be able to make outgoing voice calls by picking up the handset that you have connected to the analog phone jack.

Ring Pattern

The Ring Pattern parameter allows you to select the ring pattern that will be played when an incoming voice call is received. There are eight patterns which can be played on the adapter's built-in speaker (1-8). The built-in speaker can be disabled by choosing OFF. The EXT selection is used to enable the optional external ring generator for providing ring voltage to connected phones, modems, fax machines, etc.

