

Dial-in Access

Overview

The ISDN Internet Router's dial-in feature allows remote users to:

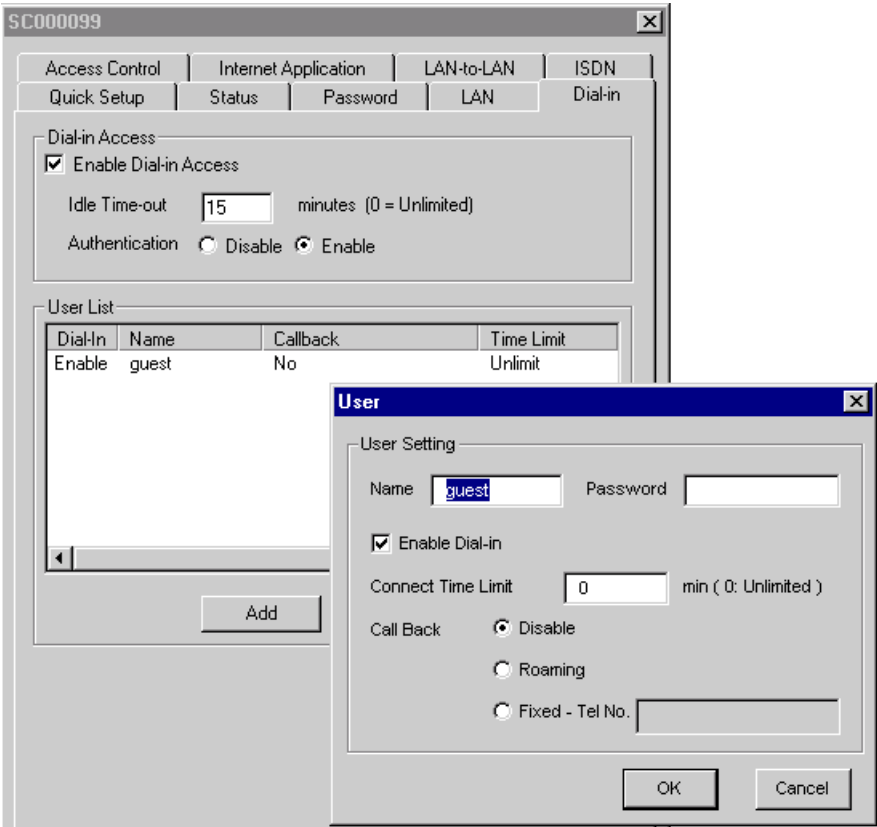
- Use an ISDN TA to connect to the ISDN Internet Router, using the same PPP communication software (e.g. *Dial-up Networking*) that they use for dial-in Internet access.
- Have their user name and password verified by the ISDN Internet Router. (**Note:** If dial-in PPP link security is set to "None", no verification is performed.)
- Access the LAN resources as if they were a local user. To other users on the LAN, the remote users appears to be a local PC, using the IP Address allocated by the ISDN Internet Router.

For additional security, the dial-back function can be used. In this situation, the ISDN Internet Router will hang-up the user's incoming connection, and then call them back.

To use the Dial-in Feature:

1. Dial-in must be **Enabled** on the Dial-in Tab.
2. User access data is required. The options are as follows:
 - **Allow access by anyone and everyone** (not recommended) - If *Authentication* on the Dial-in screen is set to *None*, then the user name and password is not checked, so anyone who dials in can gain access.
 - **All users use the same log-in** - Create a single user (on the *Dial-in* screen) with dial-in access, and all users use this log-in.
 - **Enter data for each user** - Each person requiring dial-in access has their data entered on the *Users* screen.
3. The remote user can use the same dial-up software they use for Internet access. Once connected, the remote user can access LAN resources as they normally would. They will appear to other LAN devices as a normal PC on the LAN, using the IP Address allocated by the ISDN Internet Router.

Dial-in Screen



Dial-in Access

Data - Dial-in Access	
Enable Dial-in Access	If checked, dial-in will be allowed. Otherwise, any attempt to dial-in will be blocked.
Idle Time-out	If a dial-in connection remains inactive, it is terminated after this time period. Allowable range is 0-99 minutes; 0 means no limit.
Authentication	Select the desired security option for log-in: Disable means no user name/password check is performed. Anyone can connect. It is not necessary to enter each user's details if this option is chosen. Warning! This is a major security risk. Enable uses the industry-standard PAP system.

User List

Entering of user data is required only to provide secure dial-in access.

- All users who have been created will be listed here.
- The *Dial-in* column indicates whether or not each user currently has Dial-in access. Click any entry in this column to Enable/Disable dial-in access.

- The user "Guest" is pre-defined, with no password or Dial-in access. This name will initially appear in the list.
- Note the limitations on user names:
 - Multiple words are NOT allowed.
 - Punctuation and special characters must NOT be used.
 - User names are case insensitive (case is ignored).

Data - User List	
User Name	Name of this user.
Password	The password for the current user. Passwords are case sensitive. When creating or changing a password, enter it in the <i>Verify</i> field also.
Enable Dial-in	Check this to enable dial-in; uncheck to suspend dial-in access.
Time limit	After this time period, the user is disconnected. Allowable values are 0 (default) to 999 minutes. Zero means no time limit.
Call Back	Options are: <ul style="list-style-type: none"> • Disabled:- User can simply dial-in; the device will not hang-up and call back. • Roaming:- After providing their name and password, the user is prompted for the call-back number. • Fixed:- The number entered in the Telephone No. field is always used as the call-back number.

Remote Users

Remote users can use the same dial-up software they use for Internet access. They should check the following:

- Their ISDN TA must dial the telephone number of the ISDN Internet Router.
- Their software should be set to obtain an IP Address from the dial-in host. (This is the standard configuration; no changes should be required.) Upon connection, the ISDN Internet Router will allocate a suitable unused IP Address.
- When prompted for user name and password, they must enter the *Name* and *Password* stored in the ISDN Internet Router.

Once connected, the remote user can access LAN resources as they normally would. They will appear to other LAN devices as a normal PC on the LAN, using the IP Address allocated by the ISDN Internet Router.