

Global Pro ISDN Quick Start Installation Guide

INSTALLATION FOR WINDOWS 95 / 98.....	2
Windows 95(A) specific software installation.....	3
Windows 95 OSR2(B) specific software installation.....	3
Windows 98 specific software installation.....	4
<i>Using the ISDN Setup Wizard</i>	4
<i>Express or Custom Setup</i>	5
Option.....	7
Supports.....	7
<i>If the installer prompts you for your Windows 95/98 System CD-ROM:</i>	9
INSTALLATION FOR WINDOWS NT 4.0 (WITH SERVICE PACK 3 OR LATER)	10
USING THE NT 4.0 SETUP WIZARD	12
CONFIGURING RAS (REMOTE ACCESS SERVICE) PORTS IN WINDOWS NT.....	16
<i>RAS (Remote Access Service) setup</i>	17
<i>Port configuration</i>	17
<i>Network configuration</i>	18
<i>Dial-out Protocols</i>	18
Server Settings	18
<i>Completing the RAS interface configuration</i>	18
HARDWARE DESCRIPTION	19
ISDN INTERFACE (SPI3600).....	20
TDK'S GLOBAL CLASS™ COUNTRY SELECTOR.....	20
UN-INSTALLING THE TDK GLOBAL PRO ISDN 3600.....	20
UN-INSTALLING THE TDK GLOBAL PRO ISDN 3600 ON WINDOWS 95 & 98 SYSTEMS ..	20
UN-INSTALLING THE TDK GLOBAL PRO ISDN 3600 ON WINDOWS NT SYSTEMS.....	20
TROUBLESHOOTING	21
APPENDIX A – OPERATING WARNINGS.....	22
WARNING NOTICE TO NEW ZEALAND USERS	22
WARNING NOTICE TO AUSTRALIAN USERS.....	22
APPENDIX B	22
WARRANTY	22
APPENDIX C – EUROPEAN REGULATORY SAFETY INFORMATION.....	23

Installation for Windows 95 / 98

Follow the steps below to install the Global Pro ISDN 3600 hardware and software. When prompted, (*step #7*) continue with the **ISDN Setup Wizard** instructions. The ISDN Setup Wizard lets you select and configure the ISDN options needed for a variety of applications. The SPI3600 ISDN Interface/Speakerphone and/or the modem cable do not need to be plugged in during installation. However, the SPI3600 ISDN Interface/Speakerphone is an active device and should be plugged into the card first before inserting, booting, or rebooting the system.

1. Close any open applications on your computer, especially any serial communications (modem, fax, voicemail) applications.
2. If available, have your ISDN phone numbers and their corresponding Service Profile IDs (SPIDs) at hand when you start the installation. You can, however, install the TDK Global Pro ISDN 3600 modem and ISDN drivers even if you don't have an ISDN line. You won't be able to use the ISDN capabilities until information about your ISDN service is available, at which time a simple on-screen update of the installation will be done. But, you will be able to use the V.90 TDK GLOBAL CLASS V.90 56kbps data/14.4 kbps fax modem and speakerphone immediately.
3. Locate your Windows 95 / 98 installation CD or CABS files. (Note: CABS files are usually located in the Windows | Options directory.) You will be prompted for Windows files during the installation process.
4. Insert the TDK Global Pro ISDN 3600 CD into the CD-ROM drive of your computer. The CD-ROM autorun feature will engage the startup process automatically (in approximately 30 seconds) with the screen below. If the CD does not start automatically, go to your Start menu | Run. In the Open box, type Start_CD.exe and click OK.



5. Click on **Setup for Windows 95/98**. You will be prompted by a dialog box instructing you to insert the Global Pro 3600 ISDN card into the PC Card slot. When the PC Card is firmly seated, you should then see a message indicating that Windows has detected new hardware.

Note: If Windows fails to detect new hardware, you may need to load Window's PCMCIA Card and Socket Services software. See your Windows 95 / 98 User's Manual or on-line help to activate this feature.

6. Your computer will now load the necessary software from the TDK Global Pro ISDN 3600 Windows 95/98 Installation CD-ROM. Continue the installation process using the appropriate instructions for your laptop's configuration, i.e., Windows 95(A), Windows 95 OSR2(B) or Windows 98. To determine which version of Windows you have, go to the Control Panel | System. Windows 95(A) = System: Microsoft Windows 95 4.00.950 or System: Microsoft Windows 95 4.00.950**A**; Windows 95OSR2(**B**) = System: Microsoft Windows 95 4.00.950**B**; Windows 98 = System: Microsoft Windows 98 4.10.1998.

Windows 95(A) specific software installation

1. From the *Install New Hardware* dialog box, select *Driver from disk provided by hardware manufacturer*. Click *OK*.
2. Enter the following path (where "D" is your CD-ROM drive letter): D:\. Click *OK*.
3. Note: If this is the first time you are installing a modem on your notebook, the *Location Information* dialog box will appear. The dialog box asks you to enter information about your location (country code, regional code, ...) Follow the instructions displayed on the screen. When finished click *OK*.
4. Windows 95 will automatically detect the *TDK Global Pro V.90 modem* and install the necessary software.
5. Windows 95 will automatically detect the *TDK Global Pro ISDN adapter* and start installing the necessary software. When prompted, follow the instructions displayed on the screen. When the Setup Wizard appears, go to the section **Using the ISDN Setup Wizard** below and continue.
6. The Setup Wizard will copy all necessary files to your system. When finished, you will be prompted you to reboot your system to complete the installation.

Windows 95 OSR2(B) specific software installation

- After you have inserted the TDK Global Pro into your notebook, Windows 95 OSR2 will detect the new hardware and recognize it as TDK Global Pro ISDN V.90.
1. Windows 95 will prompt you to install a *Standard PCMCIA Card Modem*. Click *Next*.
 2. Windows 95 will now search and find the latest drivers on the CD-ROM, and the dialog box will display the device name *TDK Global Pro ISDN – V.90 combo card*.
 3. Click *Finish*. You will be prompted to insert the driver disk. Click *OK* and enter the following path (where "D" is your CD-ROM drive letter): D:\. Click *OK*.
 4. In the *Copying Files* dialog box, enter the path to the installation files path D:\ (where "D" is your CD-ROM drive letter) and click *OK*.
 5. Windows 95 will automatically detect the *TDK Global Pro V.90 modem* and *TDK Global Pro ISDN adapter* and install the modem software.
 6. Note: If this is the first time you are installing a modem on your notebook, the *Location Information* dialog box will appear. The dialog box prompts you to enter information about your location (country code, regional code, ...). Follow the on-screen instructions. When finished, click *OK*.
 7. Windows 95 will automatically detect the *TDK Global Pro ISDN adapter* and start the installation of software for the ISDN adapter. Follow the instructions displayed on the screen. When the Windows 95/98 Setup Wizard appears, go to the section **Using the ISDN Setup Wizard** below and continue.
 8. The Setup Wizard will copy all necessary files to your system. When finished, you will be prompted you to reboot your system to complete the installation.

Windows 98 specific software installation

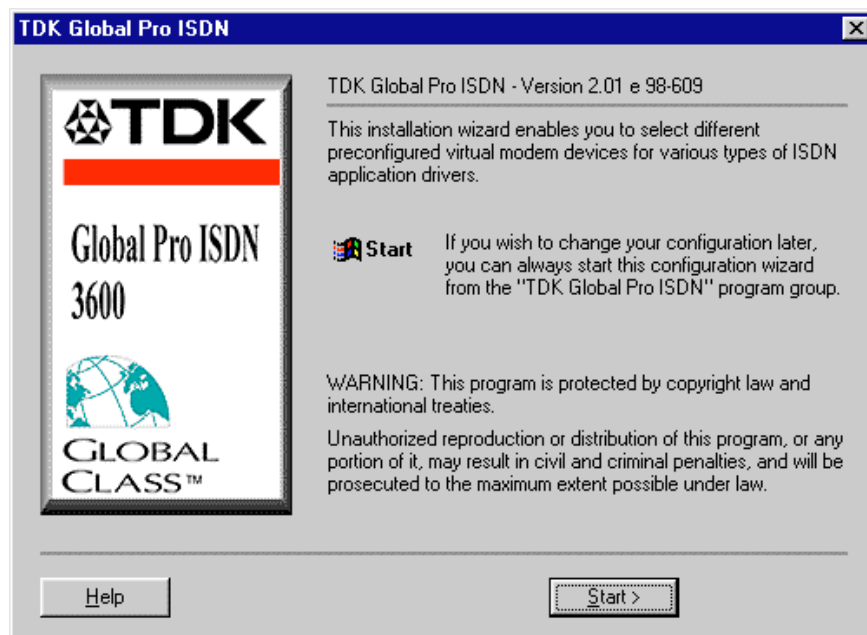
After you have inserted the TDK Global Pro into your notebook, Windows 98 detects the new hardware and recognizes it as TDK Global Pro ISDN V.90.

1. Windows 98 will prompt you to install a *Standard PCMCIA Card Modem*. Click *Next*.
2. Windows 98 will prompt for the action you want Windows to take, select *Search for best driver for device (recommended)* and click *Next*.
3. Windows will now give several choices for the locating the software drivers. Check the CD-ROM drive box, uncheck any other boxes, and then click *Next*.
4. Windows 98 will find the drivers located on the CD-ROM and indicate that Windows is now ready to install the *TDK Global Pro ISDN – V.90 combo card*. Click *Next*.
5. Windows 98 will automatically detect the *TDK Global Pro ISDN combo adapter* and the *TDK Global Pro V.90 modem* and install the modem software.
6. Note: If this is the first time you are installing a modem on your notebook, the *Location Information* dialog box will appear. The dialog box prompts you to enter information about your location (country code, regional code, ...). Follow the on-screen instructions. When finished, click *OK*.
7. Windows 98 will automatically detect the *TDK Global Pro ISDN adapter* and start the installation of software for the ISDN adapter. Follow the instructions displayed on the screen. When the Windows 95/98 Setup Wizard appears, go to the section **Using the ISDN Setup Wizard** below and continue.
8. The Setup Wizard will copy all necessary files to your system. When finished, you will be prompted you to reboot your system to complete the installation.

Using the ISDN Setup Wizard

The ISDN Setup Wizard helps you to quickly and easily install and configure most aspects of the Global Pro ISDN 3600. The ISDN Setup Wizard is run automatically when you first install the Global Pro ISDN 3600 and can also be run subsequently to change any of your installation and setup options.

7. After the installation of software and configuration of the hardware, you are next presented with the Global Pro ISDN Setup Wizard. Click Start and continue with the instructions below.



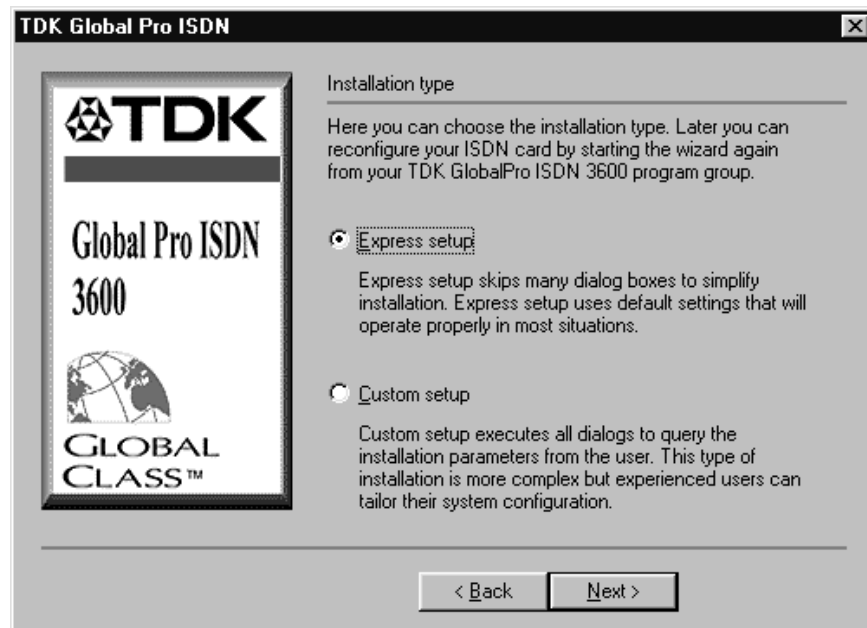
Express or Custom Setup

When installing the GLOBAL PRO ISDN 3600 for the first time, you are presented with the option of an Express or Custom setup. The Express setup asks for only basic information and quickly sets up a working ISDN configuration which can be used by most applications.

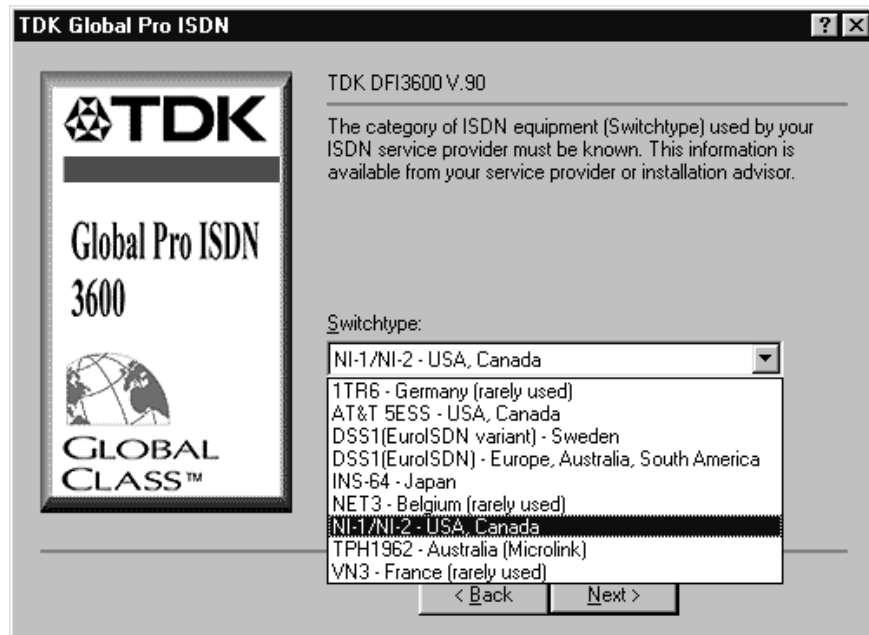
The Custom setup allows access to all possible configuration screens. This enables you to fine-tune your configuration for your particular situation. TDK recommends most users select the Express setup option. The remainder of this section refers to options presented under the Express setup. Use of Custom setup is described in the additional Windows Dialog boxes which appear when Custom Setup is selected.

8. Click Express Setup, then click Next.

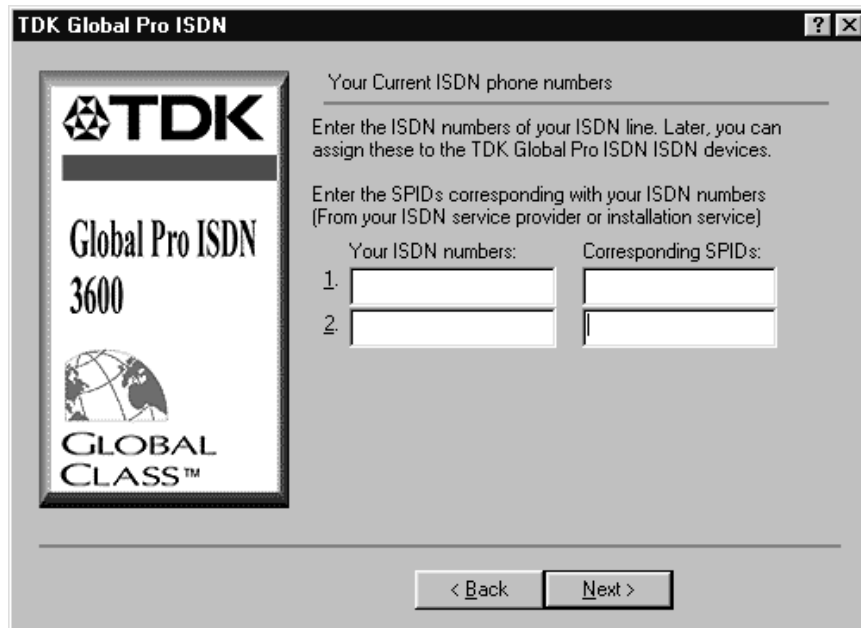
Switchtype Definition: If you have a pre-installed ISDN line or have already ordered your ISDN line installation, you will need information from your telephone company or corporate system administrator about which type of ISDN telephone switching equipment you are connected to. Switchtypes used in the US and Canada currently may require, in addition to a listing of the ISDN phone numbers, a Service Profile Identification (SPID) number for each phone number. This information will be available from your telephone service. If you are traveling and reconfigure your setup to use another ISDN line, you may need to reselect the switchtype, ISDN phone numbers, and (in North America only), SPID numbers.



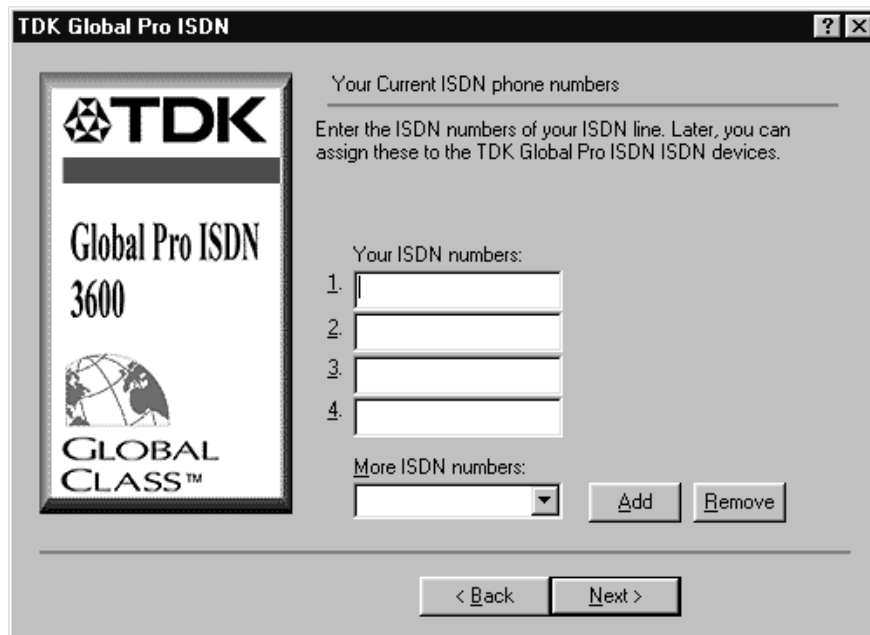
- Click on the switchtype you are connected to. Click on *Next*. If you don't yet have an ISDN line, click on *Next* and ignore the requests for telephone number (and SPIDs if the switchtype implies a North American installation) in the subsequent screen.



If you specified a US/Canada switchtype, you will be prompted for your ISDN numbers and SPID numbers.



If you specified a switchtype from Europe, Japan, or Australia, you will be prompted for your ISDN numbers only. If you change your setup for a different ISDN line (while traveling or changing from home to office ISDN line), you will need to enter the new ISDN numbers.

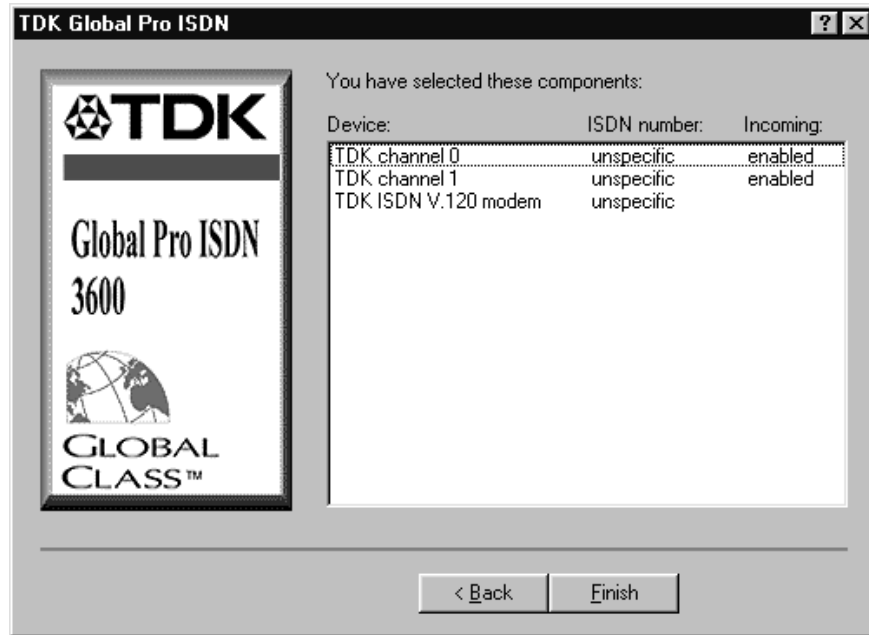


10. Enter the ISDN numbers (and SPIDs if requested) associated with your ISDN line, and click on *Next*. You will need to get these numbers from your host if you are traveling.

Because you are using Express Setup, certain choices about installed components were automatically selected for you. You will be given a screen that indicates the specific drivers that were installed to allow specific ISDN Modem types to be supported. These installed ISDN Modem Types will also appear in your Windows 95/98 Control Panel | Modems list. When using particular ISDN applications, you may need to select the appropriate ISDN Modem Type from the Windows 95/98 Modems list. You can change the installed modem drivers later using the TDK Global Pro ISDN 3600 Custom Setup. The following table indicates the list of Modem drivers currently available on the TDK Global Pro ISDN Installation CD-ROM. (Also check README.TXT on installation CD-ROM.)

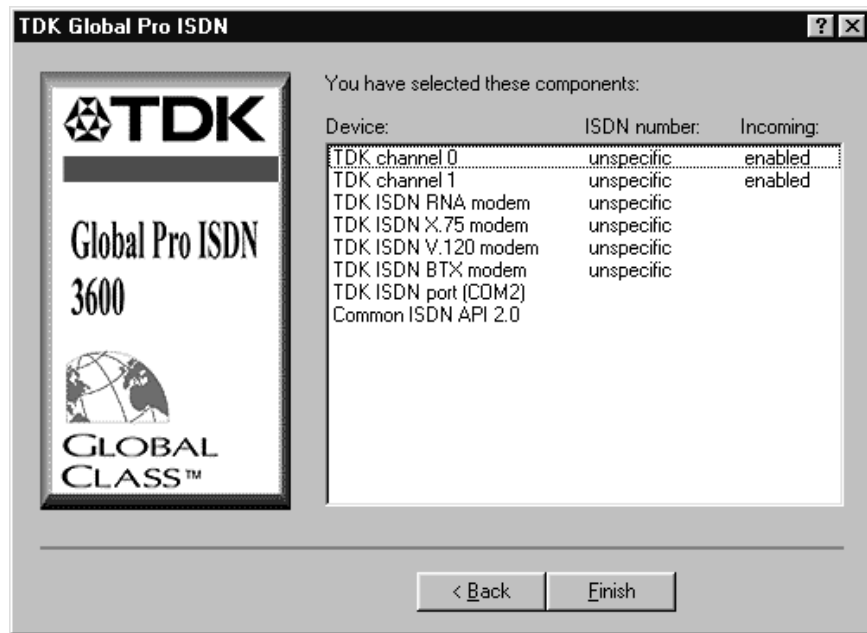
Option	Supports
TDK ISDN Channel 0 and Channel 1	Windows 95/98 Dial Up Networking access to company networks, Internet, MSN, and multilink PPP (MLPPP) (fully synchronous 64/128K connections)
ISDN RNA Modem*	Remote access to company networks, Internet, MSN (asynchronous frame conversion - specifically for the DTC networks)
ISDN X.75 Modem*	Most ISDN-cased BBS in Germany and some special cases in the U.S.
ISDN V.120 Modem*	ISDN Bulletin Boards and CompuServe ISDN (asynchronous frame conversion / V.120 rate adaption)
ISDN BTX Modem	Microsoft Money, Amaris; telebanking in Europe
Common ISDN API 2.0	CAPI ISDN-applications popular in Europe, especially Germany
TDK ISDN port (COMn) (Terminal Adapter mode)	Data over ISDN (i.e., file transfers) using all 16 bit application software, e.g., CompuServe's WinCIM, Smith Micro Quicklink, BVRP comm software, WinFax, ProComm, etc. (point to point only!)
TDK Global Pro V.90 modem (analog over ISDN)	Connections to analog V.90 modems, fax machines and telephones. The TDK Global Pro V.90 modem will first attempt to dial using the ISDN line. If a channel is not available, the modem will then try to dial over PSTN. NOTE: This modem is installed separately and does not appear on setup screen.

*Some services in North America only support ISDN at 56 kBit/s (switched 56 service). The TDK Global Pro ISDN 3600 supports these services through special preconfigured modem drivers. See your TDK Global Pro ISDN on-line help files for a more detailed description.



Examine the list of installed ISDN Modem drivers; at minimum you should see the list on the screen above to utilize the basic rate ISDN data channels with Microsoft Dial-up Networking.

If you have previously used Custom Setup to install more ISDN Modem drivers, you could see a list as complete as this:



11. If you are satisfied with the installed ISDN Modem drivers, click *Finish*. Should you want to change any of the setup parameters in the future, simply restart the ISDN Setup Wizard by clicking Start on the Windows 95/98 taskbar, then go to Programs | Global Pro ISDN 3600 and select Setup Wizard. Online Help is available for all parameters.

The Installation Wizard will now proceed to load all specified ISDN Modem drivers and other software to complete installation from the installation CD or possibly from Windows 95/98 paths on your hard disk. At this point during the final stage of the installation, a version conflict may take place on certain files being copied from the Windows CD or Disk set. You **MUST** keep the most current version of software installed by the installation. Click **Yes** if the Windows installation asks if you would like to keep the most current version.

Important Note: Microsoft Windows95/98 Note: During any Plug-n-Play installation, some Microsoft Windows 95/98 provided files may be required that do not already exist in their proper locations on your hard drive. The installer may prompt you for these files by asking for your Windows95/98 CD. The prompt will allow you to specify a path location to find the file in question.

If the installer prompts you for your Windows 95/98 System CD-ROM:

- A. Insert the CD-ROM into your CD-ROM drive.
- B. Specify your CD-ROM drive in the path prompt of the installer screen.
- C. Proceed by clicking **Next**.

OR... if you do not have your Windows 95/98 System CD-ROM, the files you need may already be loaded on your hard drive in an alternative location:

- A. Specify c:\windows\options\cabs (on some computers, c:\windows\options or c:\windows\system\cab) in the path prompt of the installer screen.
- B. Proceed by clicking **Next**.

If you cannot locate the file in question, you need to contact either the computer dealer where you purchased the computer, your computer system administrator who may have access to your original installation CD ROM, or Microsoft Corporation.

12. When installation is complete, you will see a screen advising you to restart your computer. Click on *Restart my computer*.

After restarting your computer, you should individually test the operating modes with appropriate applications such as Microsoft Dial-up Networking for ISDN and Quicklink Message Center III for fax, speakerphone, and modem dialup connections. You will be able, at minimum, to test all modem/fax/answering machine/speakerphone operation if you have access to a normal analog telephone line and have installed Quicklink Message Center III according to its instructions.

13. (Optional) Install the TDK-provided QuickLink Message Center III modem/fax/voice/speakerphone software, or reinstall your favorite communications software to optimally configure the application for the Global Pro ISDN 3600.
14. (Optional) Install the cellular or PCS wireless phone interface and software drivers.
15. Install SPI3600 ISDN interface/speakerphone module and appropriate telephone or ISDN interface cable in any order with power removed from the card. This is best done with the card removed from the PCMCIA slot or prior to starting the PC. Observe the LED status on the SPI3600 module to determine that ISDN service is properly initialized and synchronized. The speakerphone will work over the telephone line as well as the ISDN lines so you can plug in and test the SPI3600 even if ISDN lines are not available.
16. Test operating modes individually with your application software and with telephone and/or ISDN connections available. We hope that you will call your Internet Service Provider and go to the TDK web site as your first call; you can register on-line to assure update notifications.

Installation for Windows NT 4.0 (with Service Pack 3 or later)

Follow the steps below to install the Global Pro ISDN 3600 hardware and software in Windows NT 4.0. When prompted, (*step #5*) continue with the **ISDN Setup Wizard** instructions. The ISDN Setup Wizard lets you select and configure the ISDN options needed for a variety of applications. The SPI3600 ISDN Interface/Speakerphone and/or the modem cable do not need to be plugged in during installation. However, the SPI3600 ISDN Interface/Speakerphone is an active device and should be plugged into the card first before inserting, booting, or re-booting the system.

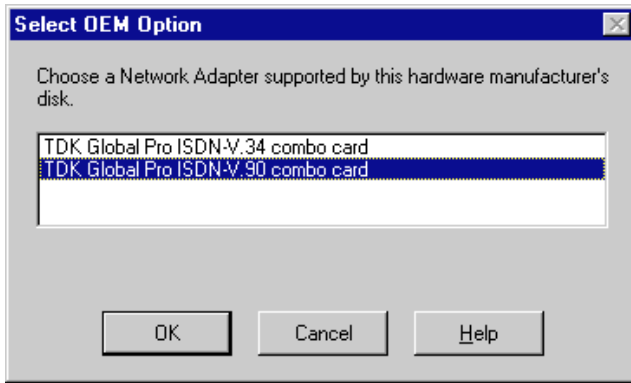
Important Notice on hardware resources:

Check the available resources prior to installation. Go to "Start" button on the Task bar, followed by "Programs" and "Administrative Tools" and click on "NT Diagnostics." Click on "Resources." Make a note of the IRQs, memory and I/O Port ranges already used by the system. Your modem defaults to **IRQ 10, Memory Address = DF000, and I/O Port Base Address's (ISDN & MODEM) = first available port in the 0x120 to 0x3f8 range.** If necessary, you may need to change the TDK Global Pro ISDN card's default settings within the ISDN Setup Wizard during installation (see step #6). For more information regarding resources Select "Help" from the CD-ROM startup menu as shown in step #4.

1. With your computer turned off, insert the TDK Global Pro ISDN card into an available PC Card slot.
2. Turn your computer on and log in.
3. Insert the TDK Global Pro ISDN 3600 CD into the CD-ROM drive of your computer (this must be done after the log-in process). The CD-ROM autorun feature will engage the startup process automatically (in approximately 30 seconds) with the screen below. If the CD does not start automatically within 30 to 40 seconds, go to your Start menu | Run. In the Open box, type D:\Start_CD.exe (where "D:" is the designation for your CD ROM drive) and click OK.
4. Select **Setup for Windows NT** from the CD-ROM startup menu.

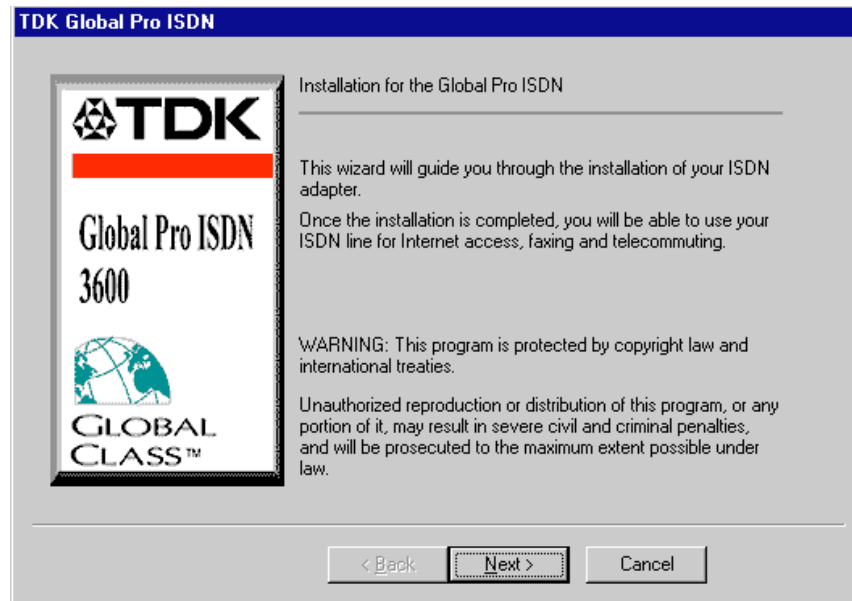


5. Choose the appropriate Global Pro ISDN modem in the *Select OEM Option* window and click *OK*. All software will be copied to your computer, and the TDK Global Pro ISDN Setup Wizard will begin.

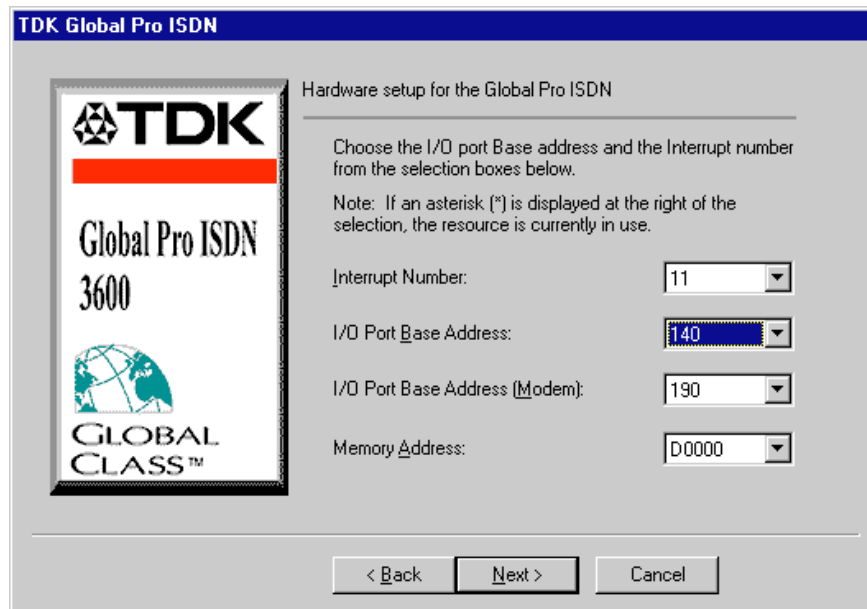


Using the NT 4.0 Setup Wizard

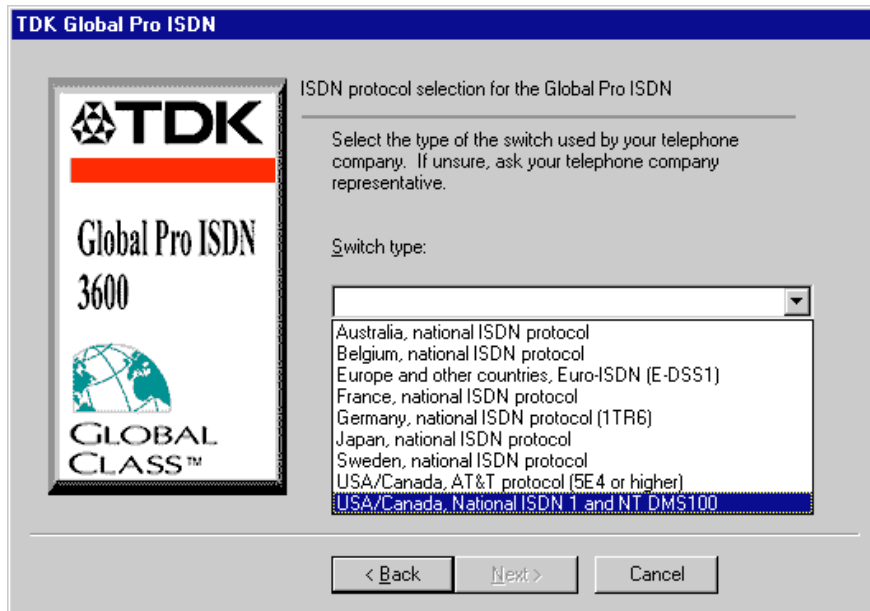
5. Click *Next* when the *NT 4.0 Setup Wizard* window comes up.



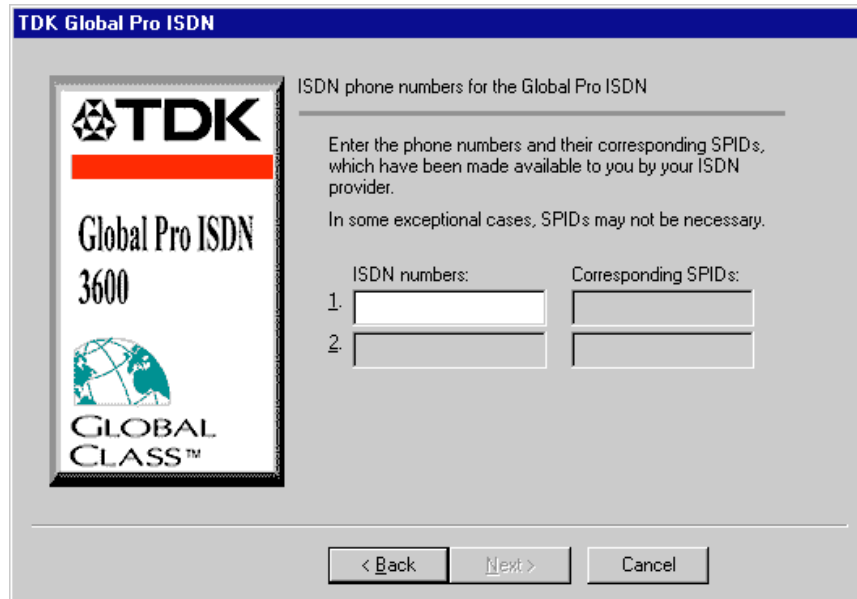
6. The next window that appears is the *Hardware setup* dialog box. This dialog box indicates the selected hardware settings for your TDK Global Pro ISDN card. TDK recommends using the default settings. Click *Next*.



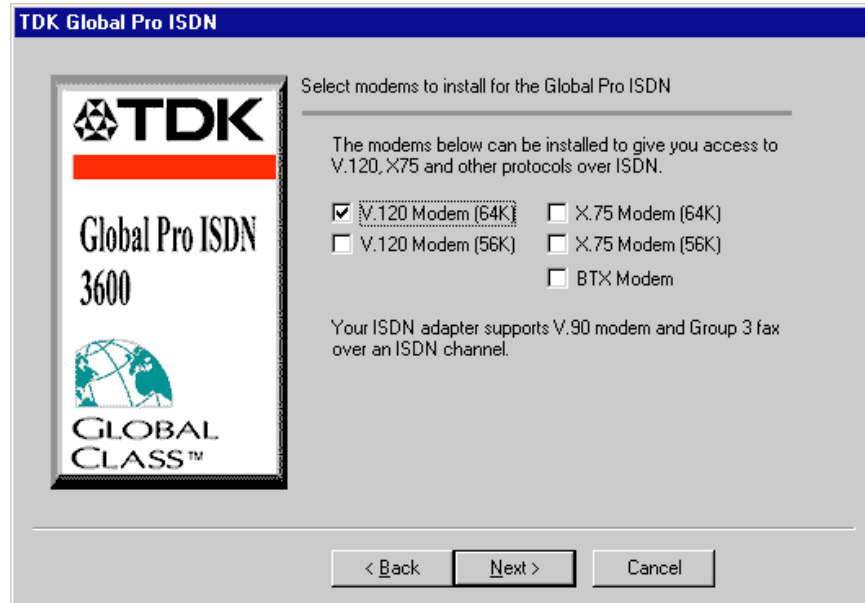
7. Now you must choose your switch type. Click on the switchtype you are connected to. Click on *Next*.



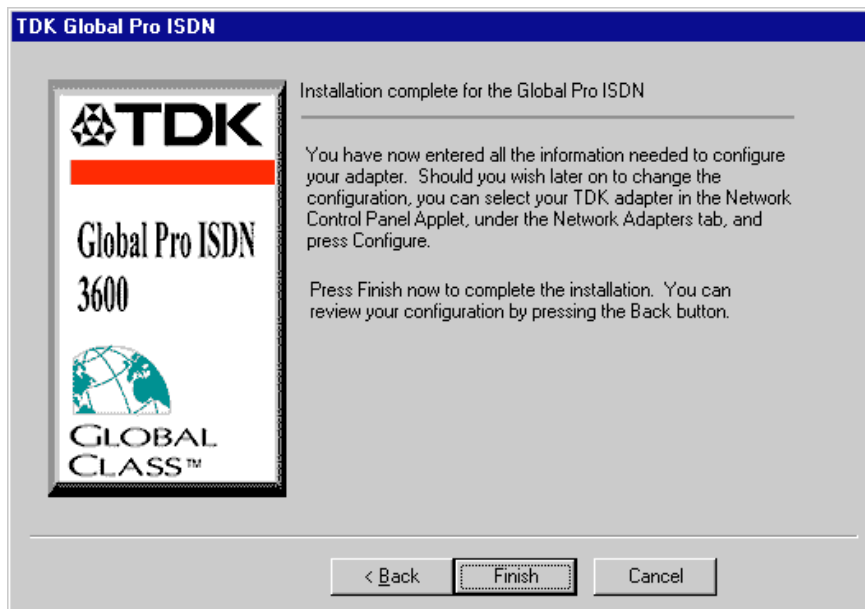
8. If you have your ISDN numbers and SPIDs (for US/Canada switchtype installation), enter them now and click *Next*. If you don't have an ISDN line, type **None** in Box 1 and click *Next*. You can enter this information at a later date using the TDK Global Pro ISDN 3600 Custom Setup utility in your Global Pro ISDN 3600 program group.



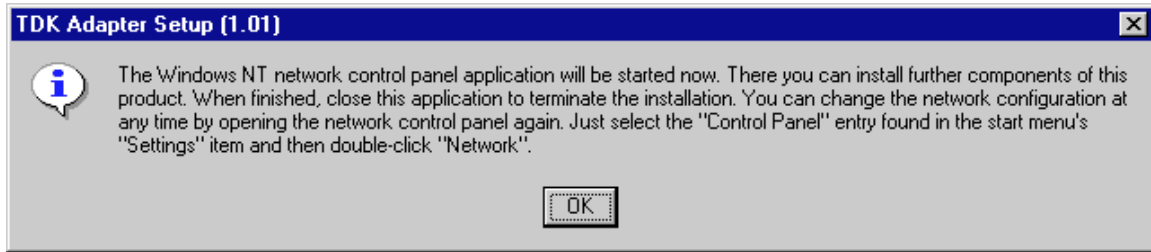
- Now select the virtual modems that you'll need to support your ISDN connections. TDK recommends using the default settings and modifying this later using the TDK Global Pro ISDN 3600 Custom Setup utility. Click *Next*.



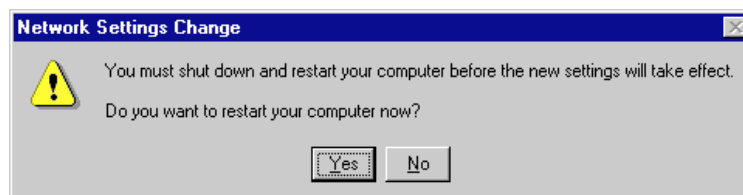
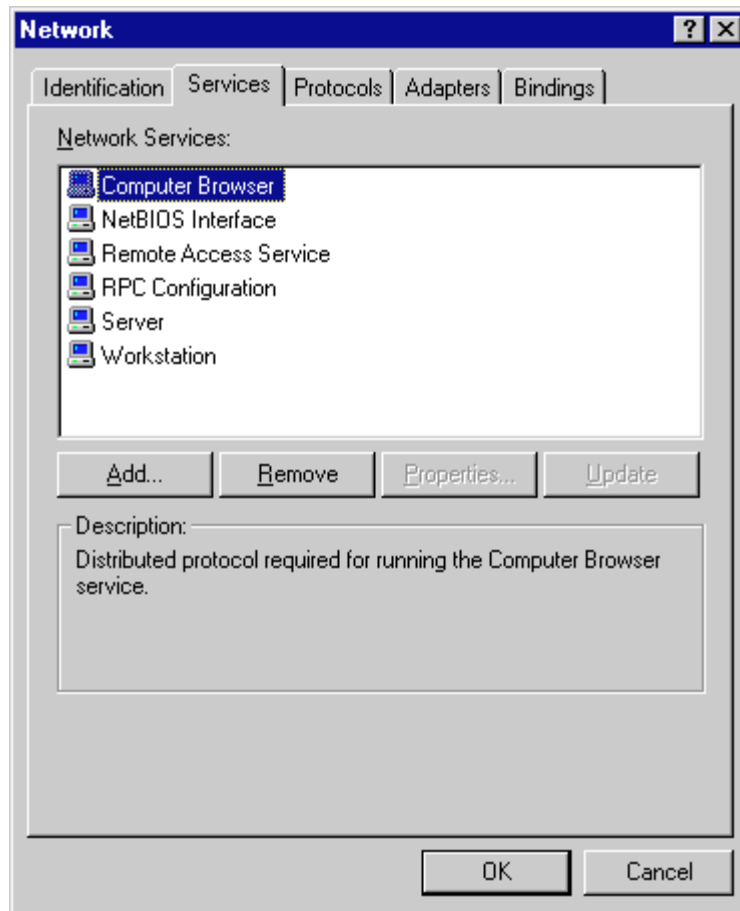
- The ISDN software will now be copied to your computer. Click *Finish*.



9. The TDK Global Pro ISDN adapter installation is now complete. On the *TDK Adapter Setup* dialog box, click *OK*.



10. Click *OK* on the following Network dialog box. Network RAS configuration needs to be completed after the computer has been restarted. (See **Configure RAS Ports in Windows NT**). Restart your computer.



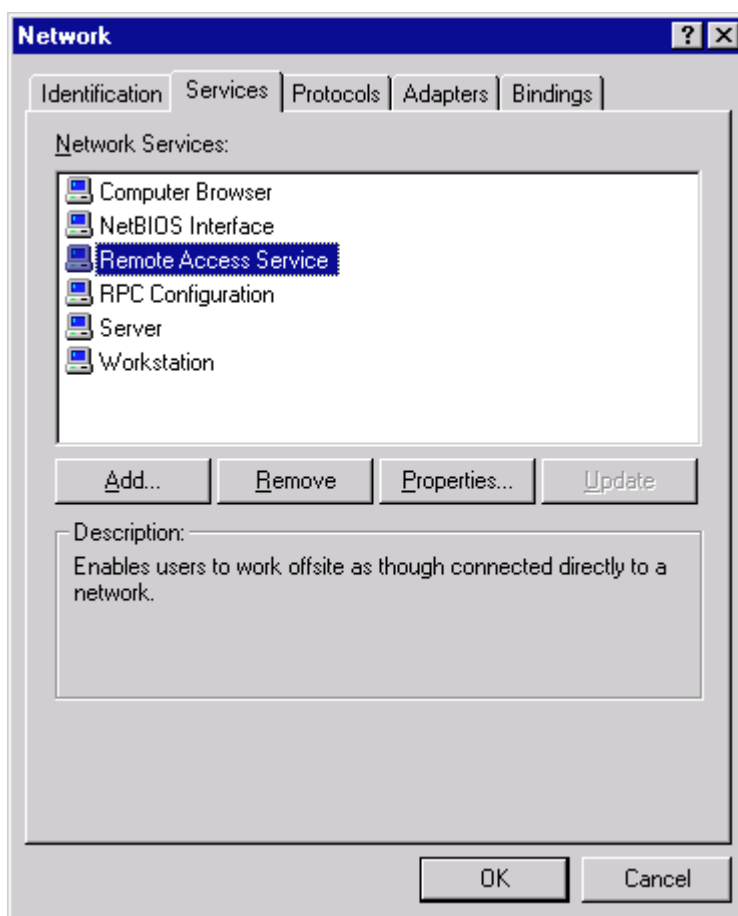
NOTE: You should read the documentation on Remote Access Service that came with your copy of Windows NT before continuing.

Configuring RAS (Remote Access Service) Ports in Windows NT

1. The RAS interfaces are configured in the dialog window *Remote Access Setup*. Start the *RAS Setup* as follows:

- Open the Windows NT Control Panel. Double-click on the *Network* icon.
- Select the *Services* tab.
- Highlight *Remote Access Service* and click *Properties*.

If *Remote Access Services* does not show up in the *Services* window, click the *Add* button. Double click on *Remote Access Services* and direct the path to your Windows NT CD or the *i386* directory on your hard drive. (See Note below about adding new services.)



NOTE: Adding New Components to the System after the Service Pack is already installed

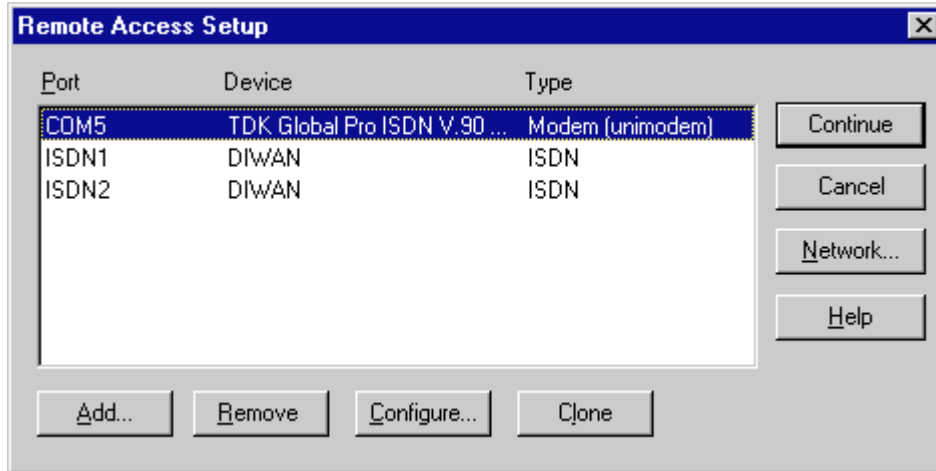
If you change or add new software or hardware components to your system after you have installed the Service Pack, you need to install the Service Pack again. For example, if you do not have Remote Access Service (RAS) installed and are required to add this service, you will need to reinstall the Service Pack after rebooting. This is because the files taken from the original Windows NT 4.0 disk set may not be the same as the files on the Service Pack disk set. You cannot install new components directly from the Service Pack media (such as a new keyboard or printer driver). You must install new components from the original product media and then reinstall the Service Pack.

If you are reinstalling the Service Pack after installing new software or hardware, you must choose to create a new uninstall directory. To indicate this, click *Yes, I want to create an Uninstall directory* when you are prompted. For more information, refer to the Service Pack release notes.

RAS (Remote Access Service) setup

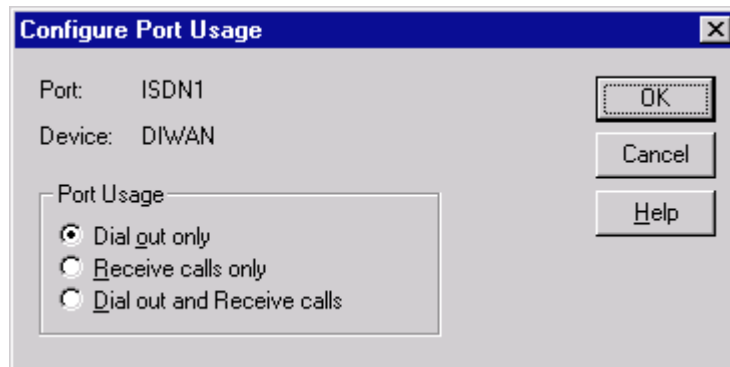
The box *Remote Access Setup* shows the current port setup. The TDK ISDN WAN Miniport driver ports can be recognized by the DIWAN designation. When installing the Global Pro ISDN Client for Windows NT for the first time, these new ports must be added to be available for use in RAS applications.

1. Click Add....”
2. Select ISDN1-DIWAN, and click *OK*.
3. Repeat this procedure for each additional connection type or channel to be set up as a Port in the RAS Setup. The Remove function may be used to delete a port. The Clone function sets up the next new port with the same parameters as the marked port. TDK recommends installing the following ports: ISDN1-DIWAN, ISDN 2-DIWAN and TDK Global Pro ISDN V.34 or V.90.



Port configuration

Within the Remote Access Setup windows, select a port to configure and click *Configure....* The box *Configure Port Usage* appears:



The following settings may be configured for every port:

- **Dial out only:** Client configuration. Outgoing ISDN connections only can be established.
- **Receive calls only:** Server configuration. Only incoming calls are accepted.
- **Dial out and receive calls:** If the port is to be used both as a client and a server port.

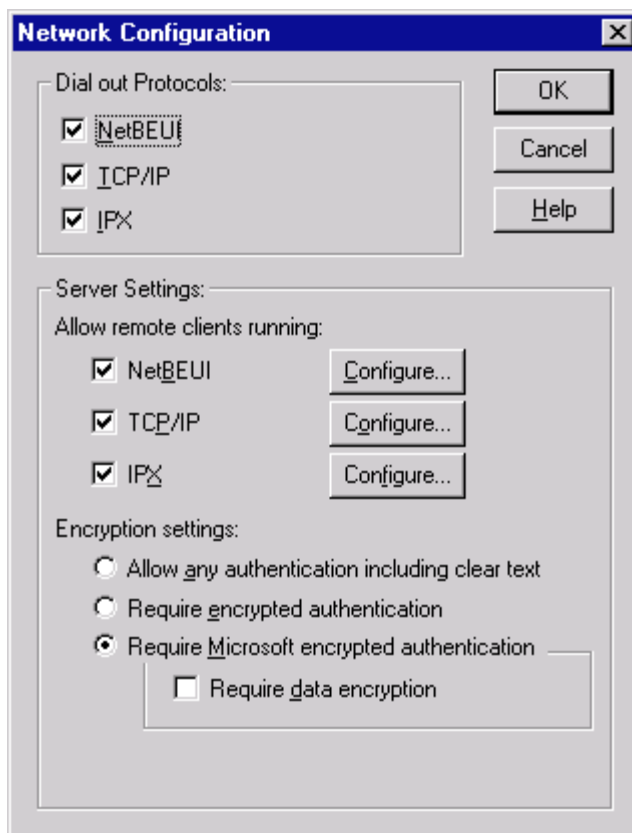
Outgoing connections can be established and incoming calls can be received.

In the server version of Windows NT, *Receive calls only* is preset. In the workstation version, *Dial out only* is preset.

NOTE: In the workstation version of Windows NT, only one port can be configured to receive calls. This enables a peer-to-peer connection of two workstations. This does not limit the number of simultaneous outgoing calls. Operation as a server for multiple clients remains limited to the server version of Windows NT.

Network configuration

Click the *Network* button in the *Remote Access Setup* box to specify the network protocols that RAS should support. All ports will use the same protocols. It is not possible to specify different protocols for individual ports.



Dial-out Protocols

Under Dial-out Protocols, select the protocols that you wish to make available for outgoing ISDN connections:

- If connections to a Windows NT RAS server are required, mark the protocol that is configured on the remote RAS server.
- If connections to a TCP/IP router or an Internet Service Provider are required, select TCP/IP.

Server Settings

Select and configure the protocols that you wish the RAS server to accept from clients under Server Settings.

The *Configure...* buttons are used to define specific access authorizations and protocol settings. Client access permission is set here.

Enable Multilink (Windows NT Server Receive Mode only)

The Enable Multilink option activates channel bundling in accordance with the Multilink PPP standard. This means that two or more B-channels can be bundled for a single higher-speed connection.

NOTE: Additional information on setting up the network protocols can be found in the RAS Online Help or in the Windows NT RAS documentation.

Completing the RAS interface configuration

To close network configuration: Click *OK* in the *Network Configuration* box and then click *Continue* in the *Remote Access Setup* box. Click *Close* in the *Network* dialog box. This completes the RAS configuration.

Reminder: If you added Remote Access Services, you need to reinstall Service Pack 3.

Hardware Description

ISDN Interface (SPI3600)

The TDK Global Pro ISDN 3600 includes a unique multi function (SPI3600) ISDN interface adapter.

The SPI3600 Speakerphone/ISDN interface module supports both U and S/T ISDN interfaces. The “U” (2B1Q) interface is usually required for operation in North America. The “S/T” interface is provided for use in Europe, and for those users in North America who have an NT-1 S/T bus configuration. Each interface provides a RJ45, 8 pin input connector. Each connector has 2 “built in” green status LED’s (Light Emitting Diodes).

Both RJ45 connectors are located in the lower backside of the speaker phone enclosure. If an active 2B1Q signal is supplied to the U interface connector, the U interface is activated and the U LED’s are active. If the U (2B1Q) signal is not detected, input defaults to the S/T interface and the S/T LED’s are active. (see LED status table below)

TDK’s Global Class™ Country Selector

Global Class is TDK’s name for a powerful modem capability which allows users to travel throughout the world with a single compatible modem. The Global Pro ISDN is legal and optimized for use with many different phone systems around the world. The easy to use Country Selector software lets you select which country you are in, thus configuring the modem for the local phone system. The country selector is automatically installed during the Global Pro ISDN installation process.

To invoke Country Selector, select the TDK Global Class Country Selector located in the TDK Global Pro ISDN program group. Once the Country Select Dialogue Box appears, Click the menu arrow to display a list of countries in which the Global Pro ISDN 3600 is currently certified for use.

The very first time you invoke Country Selector, you will be asked to select your “Default” or “home” country. The modem will thereafter, default to this country whenever you click the “Default” button on the Country Selector. When you travel to another country, you can change the modem characteristics to be legally optimized for use in that country at any time.

Un-installing the TDK Global Pro ISDN 3600

Un-installing the TDK Global Pro ISDN 3600 on Windows 95 & 98 systems

1. On the Windows 95 taskbar, click “Start”.
2. Go to “Programs” and then to “TDK Global Pro ISDN”.
3. Select “Uninstall”.

Note: If you are planning to reinstall TDK Global Pro ISDN 3600, you can select “Keep Configuration Parameters.” This option will preserve your ISDN settings so that you will not have to re-enter them when you install the TDK Global Pro ISDN 3600.

4. Click the “Uninstall” button. The uninstalling will proceed automatically.
5. When finished click “Done” to close the uninstall utility and Reboot your PC.

Un-installing the TDK Global Pro ISDN 3600 on Windows NT systems

1. On the Windows NT taskbar, click “Start”.
2. Go to “Programs” and then to the “TDK ISDN TOOLS (Common)” menu.
3. Click the “Uninstall” button. The uninstalling will proceed automatically.

4. When finished the un-install utility will ask you to Reboot your PC.

) All TDK Global Pro ISDN 3600 files are automatically deleted and all entries in Windows 95 registry are removed.

-) Always remove TDK Global Pro ISDN 3600 using the uninstall option. Never remove single components using the Network Control Panel or the Device Manager.

Changing SPIDs and ISDN Number

To enter or modify your ISDN telephone number and/or SPID (Service Profile Identifiers), follow these steps:

1. Start the Global Pro ISDN Setup Wizard by clicking *Start* on the Task Bar. Go to *Programs/TDK Global Pro ISDN* and select *ISDN Setup Wizard*.
2. Follow the Setup Wizard through adjusting the ISDN numbers as necessary. Note that the SPIDs are used only in North America.
3. You must reboot your system for the new settings to take effect.

Troubleshooting

See the Help section located on the Global Pro ISDN Installation CD-ROM or within the “Global Pro ISDN” program group under *Start -> Programs -> TDK Global Pro ISDN*.

Appendix A – Operating Warnings

WARNING NOTICE TO New Zealand USERS

The following warnings must be observed when operation this product in New Zealand

1. Warning: The user is prohibited from using this product to automatically make calls to emergency 111.
2. Warning: The functioning of device may be lost in case of power failure.
3. Warning notice about ringing restrictions if 2 wire socket is used.
4. Warning: This device must not be used to repeatedly call any number if this action causes a nuisance to other customers.
5. Warning: Automatically calling different numbers equipment this equipment must go off hook for at least 2 seconds.
6. Warning: Any repeated dialing attempts must have a minimum of 30 seconds between dialing attempts, with a maximum of 10 attempts allowed.

WARNING NOTICE TO Australian USERS

Command	Default	Permissible range of settings
ATB	B0	B0 only - Do not set for Bell Mode
AT&G	&G2	&G0 or &G2 only
AT&P	&P1	&P1 only
ATSn	See Table Below	

S-Register	Default	Permissible Range of settings
S6	S6=2	2 - 5
S11	S11=75	75 - 255

CALL ATTEMPT

The software should not be set for more than 3 call attempts to a telephone number. There must be at least 2 seconds between call attempts, and if all the above call attempts are unsuccessful, there shall be a break of at least 30 minutes before attempting to call the number again.

Failure to set the modem, and any communications software used with the modem, to the above values will result in the modem being operated in a non-compliant manner. Consequently, there would be no permit in force for this equipment, and the Telecommunications Act 1991 prescribes a penalty of \$12,000 for the connection of non permitted equipment.

Appendix B

Warranty

LIMITED WARRANTY

TDK Systems warrants the original purchaser of this TDK Global pro ISDN PC Card that it is to be in good working order for the specified warranty period (from the date of purchase from TDK Systems or an authorized TDK Systems reseller or dealer).

Item(s)

*Global Pro ISDN PC Card, Cable, Cable Extension, Adapter
SPI3600 ISDN/Spkerphone adapter*

Warranty Period

5 years
1 year

Should this Product, in TDK System's opinion, fail to be in good working order at any time during this warranty period, TDK Systems will, at its option, repair or replace this Product at no additional charge except as set forth below. Repair parts and replacement Products will be furnished on an exchange basis and will be either reconditioned or new. All replaced parts and Products become property of TDK Systems. This Limited Warranty does not include service to repair damage to the Product resulting from accident, disaster, misuse, abuse or non-authorized alterations, modifications and/or repairs.

Products requiring Limited Warranty service during the warranty period should be delivered to TDK Systems with proof of purchase. If the delivery is by mail, you agree to insure the Product or assume the risk of loss or damage in transit. You also agree to prepay shipping charges to TDK Systems and to use the original shipping container or equivalent.

TDK SYSTEMS HEREBY DISCLAIMS ALL OTHER EXPRESSED AND IMPLIED WARRANTIES FOR THIS PRODUCT INCLUDING, BUT NOT LIMITED TO, THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Some jurisdictions do not allow the exclusion of implied warranties, so the above limitations may not apply to you.

IN NO EVENT WILL TDK SYSTEMS BE LIABLE IN ANY WAY TO THE USER FOR DAMAGES, INCLUDING ANY LOST PROFITS, LOST SAVINGS, OR OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OF OR INABILITY TO USE, SUCH PRODUCT. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages for consumer products, so the above limitations or exclusions may not apply to you.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH MAY VARY FROM ONE JURISDICTION TO ANOTHER.

This limited Warranty applies to product Hardware only. Third party hardware and software products periodically bundled with TDK Systems Products are covered by their respective warranties.

Appendix C – European Regulatory Safety Information

This equipment displays the CE0560X mark to show that it has been tested and found to fully comply with the Terminal Equipment, EMC and Low Voltage Directives (91/263/EEC, 89/336/EEC and 72/23/EEC, as amended by Directive 93/68/EEC).

This equipment has been approved to [Council Decision 98/482/EC – “CTR-21] for pan-European single terminal connection to Public Switched Telephone Network (PSTN). However, due to differences between the individual PSTNs provided in different countries, the approval does not, of itself, give an unconditional assurance of successful operation on every PSTN termination point. In event of problems, you should contact your equipment supplier in the first instance.

TDK has provided the Country Selector software to allow for specific country settings to be changed within the TDK Global modem. This software will set the modem into various modes that compensate for varying condition due to differences in PSTN systems.