

CHAPTER 6

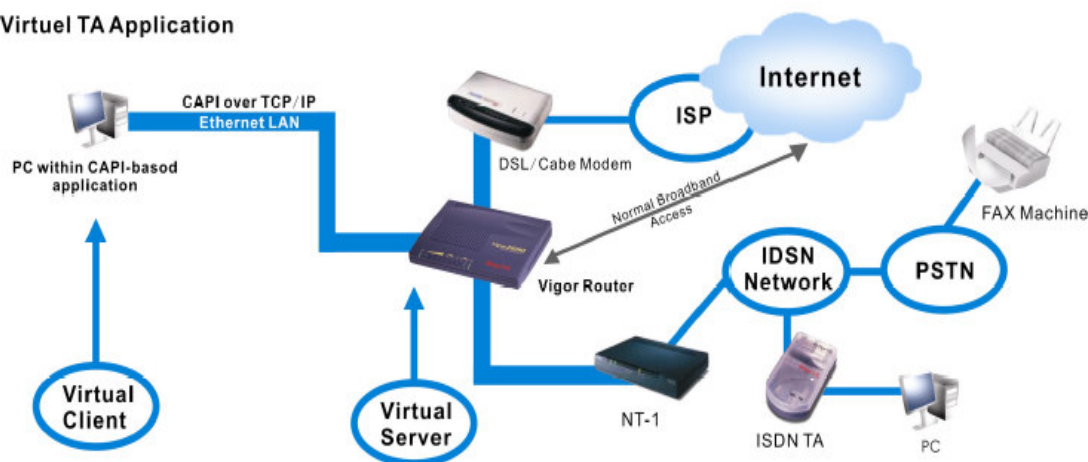
Virtual TA (Remote CAPI) Setup

6.1 Introduction

The term **Virtual TA** means the local Ethernet-connected hosts or PCs use popular CAPI-based software such as RVS-COM or BVRP etc. to access the router as a local ISDN TA for FAX sending or receiving via the ISDN line. Basically, it is a client/server network model. The Virtual TA server built into the router handles the connection establishment and release. The Virtual TA client, installed in the Ethernet-connected host, creates a CAPI-based driver to relay all CAPI messages between applications and the router CAPI module. Before describing the configuration of **Virtual TA** in the Vigor routers, please mention the following limitations.

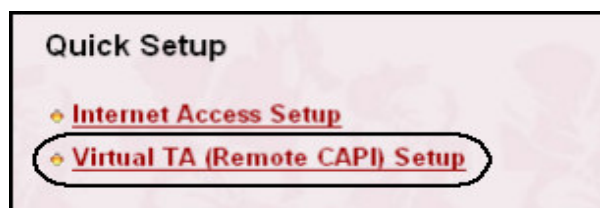
1. The Virtual TA client is only supported on Microsoft™ Windows 95 OSR2.1/98/98SE/Me/2000 platforms.
2. The Virtual TA client only supports the CAPI 2.0 protocol and has no built-in FAX engine.
3. One ISDN BRI interface only has two B channels. The maximum number of active clients is also 2.
4. Before you set up the Virtual TA, you must set the correct country code. Click **ISDN Setup** in the **Basic Setup** group.

Virtual TA Application



As depicted in the following application chart, the Virtual TA client can make an outgoing call or accept an incoming call to/from a peer FAX machine or ISDN TA etc. Use the following setup link on the Setup Main Menu to configure the Virtual TA facility.

Quick Setup > Virtual TA (Remote CAPI) Setup



6.2 Install a Virtual TA Client

1. Insert the CD-ROM supplied with your Vigor router, or directly double-click the installer file. Vsetup95.exe is for Windows 95 OSR2.1 or higher, Vsetup98.exe is for Windows 98, 98SE and Me, and Vsetup2k.exe is for Windows 2000.
2. Follow on-screen instructions of the installer. The last step requires you to restart your computer. Click **OK** to restart.
3. After the computer restarts, you will see a VT icon on the taskbar (usually in the bottom-right of the screen, near the clock) as shown below.



When the icon text is GREEN, the Virtual TA client is connected to the Virtual TA server and you can launch your CAPI-based software to use the client to access the router. Read your software user guide for detailed configuration. If the icon text is RED, it means the client lost the connection with the server. Check the physical Ethernet connection.



6.3 Configure a Virtual TA Client/ Server

The Virtual TA application is a client/server model. You must set it up on both ends to operate properly your Virtual TA application.

By default, the Virtual TA server is enabled and the Username/Password fields are empty. Any Virtual TA client may login to the server. Once a single Username/Password field has been filled, the Virtual TA server will only allow clients with a valid Username/Password to login. The web configuration of Virtual TA Setup is shown below.

Virtual TA Setup

> Quick Setup > Virtual TA Setup

Virtual TA Setup
Virtual TA Server : ☒ Enable ☐ Disable

Virtual TA Users Profiles

	Username	Password	MSN1	MSN2	MSN3	Active
1.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
2.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
3.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
4.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
5.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

OK

Virtual TA Server:

Enable: Check it to activate the server.

Disable: Check it to deactivate the server. All Virtual TA applications will be stopped.

Virtual TA User Profiles:

Username: Specify the username for a specific client.

Password: Specify the password for a specific client.

MSN1, MSN2, MSN3: MSN stands for Multiple Subscriber Number. It means you can subscribe to more than one ISDN line number on a single subscribed line. Note that the service must be subscribed to with your telecom. Specify the MSN numbers for a specific client. If you have no MSN services, leave this field to be empty.

Virtual TA Setup

Active: Check it to enable the client for accessing the server.

Creating a User Profile

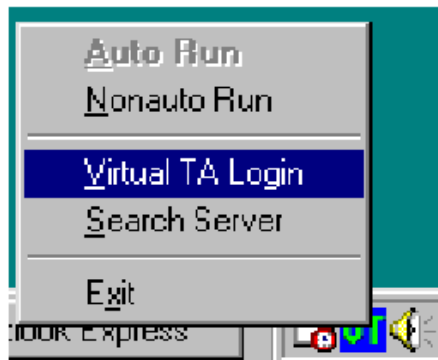
Note that creating a single user access account limits access to the Virtual TA server to only the specified account holders.

In the following, we assume you have no MSN service from your ISDN network provider.

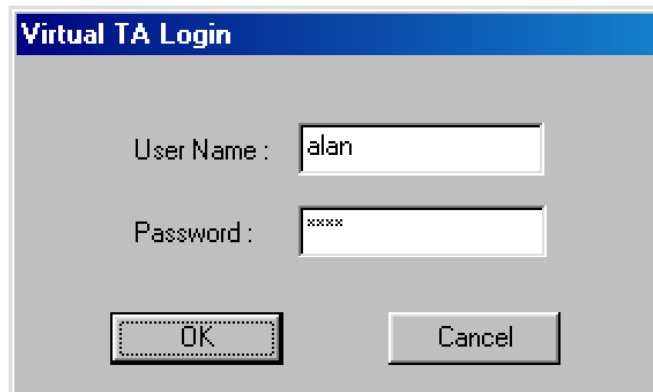
1. On the server: Click **Virtual TA (Remote CAPI) Setup**, and fill in the Username and Password fields. Click the **Active** checkbox to enable the account.

Virtual TA Users Profiles					
Username	Password	MSN1	MSN2	MSN3	Active
1. alan	****				<input checked="" type="checkbox"/>

2. On the client: Right-click the mouse on the VT icon. The following pop-up menu will be shown.



3. Click the **Virtual TA Login** to open the login box.



A screenshot of a 'Virtual TA Login' dialog box. It has a blue title bar with the text 'Virtual TA Login'. The main area is gray and contains two text input fields. The first field is labeled 'User Name :' and contains the text 'alan'. The second field is labeled 'Password :' and contains five asterisks '*****'. Below the password field are two buttons: 'OK' and 'Cancel'.

4. Enter the Username/Password and then click **OK**. After a short time, the VT icon text will become green.server.

Configuring the MSN number

If you have subscribed to an MSN number service, the Virtual TA server can specify which client has the specified MSN number. When an incoming call arrives, the server will alert the Username-Password-matched and MSN-matched client. In the following, we use an example to explain the configuration of the MSN number.

1. Suppose that you could assign the MSN number **123** to the “alan” client.

Virtual TA Users Profiles					
Username	Password	MSN1	MSN2	MSN3	Active
1. alan	*****	123			<input checked="" type="checkbox"/>

2. Set the specified MSN number in the CAPI-based software. When the Virtual TA server sends an alert signal to the specified Virtual TA client, the CAPI-based software will also receive the alert signal. If the MSN number is incorrect, the software will not accept the incoming call.