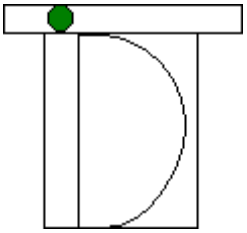
Inter-Dimensional Technologies, Inc.



RTC-P3
Pedestrian Counter
Transmission/Graphing Software
Version 3.2.x

User Manual
August 2012

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Introduction

This transmission and graphing software is used to communicate, display and print the data that is transmitted from the RTC-P3 Pedestrian Counter. This software is designed to be run on a PC with Windows 95 or greater. It is also recommended that your monitor resolution be set to 800x600. Although the software is designed to be run on Windows 95 or greater, the software should be run on Windows 98 or higher for optimal printing results.

Below is a brief overview of the basic options of the software.

- Transmit Options
  - Transmit-on-demand from Main Menu
  - Timed Transmit from Main Menu
  - Transmit-on-demand direct from an icon
  - Timed Transmit direct from an icon
- Graphing Options
  - Display/Print traffic data by hour
  - Display/Print traffic data by day
  - Display/Print traffic data by day-of-week
  - Display/Print traffic data by month
  - Display/Print traffic data by year
  - Display/Print traffic data by door number

NOTE: Each of the Graphing Options listed above can be display in any of the following formats:

- Display data in bar graph form
- Display data in pie chart form
- Display data in line graph form
- Display data in point chart form
- Display data in text form (traffic totals)
- Display data in text form (traffic percentages)

Installation and Setup

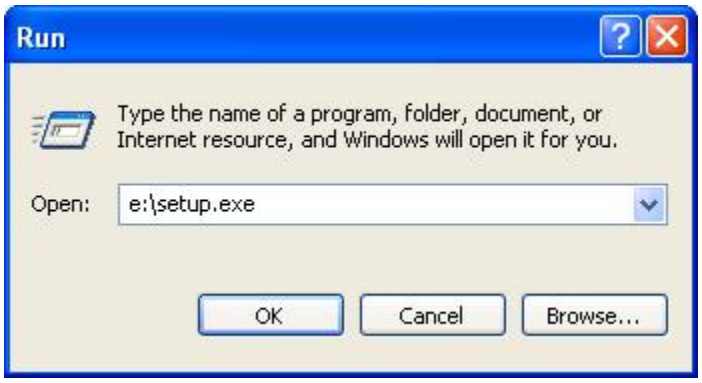
The following installation steps will copy the software from the installation CD to the hard drive. It will create the subdirectory and copy all of the software to this subdirectory.

> **NOTE:** Be sure to follow each of the following steps *in order* to ensure correct installation of the software.
>
> **NOTE:** The screen captures that are shown in the steps below may look slightly different when compared to your PC. That is because each Microsoft Windows operating system has slightly different looks and features.

Step 1: Copy and install software.

Step 1.a: Insert installation CD into PC.

Step 1.b: Click Start|Run. You will see a window similar to the one below. Type x*:\setup* in the "Open" field as shown below (where *x* is the drive letter to your PC's CD drive), then click the <OK> button.



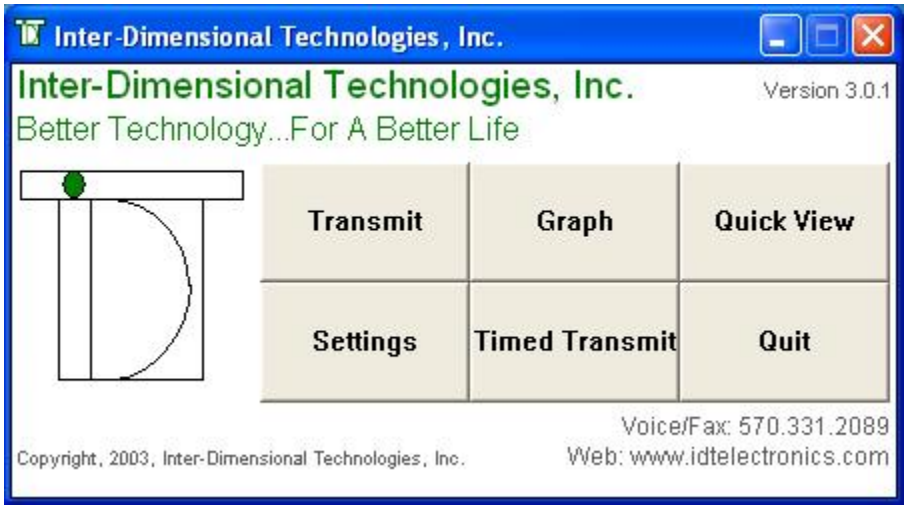
The installation will begin. You will see a series of windows guiding you through the installation process. Unless you have special circumstances, you can select the default settings for all of these windows.

Next, we will describe how to start the software and use its options. If the installation process was completed successfully, you should be able to double-click the shortcut icon on the desktop and the main menu should be displayed. If it does not, review the installation process again. If you are still not successful, call us and we will help you with the problem. Along with the shortcut icon on the desktop, you can also start the software from the program group in the Programs menu. There is also an Uninstall option and a link to our website.

Starting the Software

NOTE: The installation process, described in the previous section, must be completed before the software can be run.

Double-click the shortcut icon to the software. The main menu will be displayed as shown below.



Before moving on, let's give a brief description of each of the six menu options on the main menu.

Transmit: This option will allow the user to transmit data from the RTC-P3.

Graph: This option will allow the user to view and print traffic history in various graphical formats.

Quick View: This is also a graphing option. When selected, a summary of the current day, month and year will be displayed on the screen. This is very useful to get a quick indication of your traffic tendencies, without having to select the various parameters in the **Graph** option.

Settings: This allows the various settings to be changed, such as the COM port to which the RTC-P3 is connected.

Timed Transmit: This is a variation of the **Transmit** option. It transmits the data from the RTC-P3; however, it doesn't do it immediately. Rather, it will begin the transmission at a predefined time, which is set in the **Settings** option.

Quit: This option closes the window and exits the software.

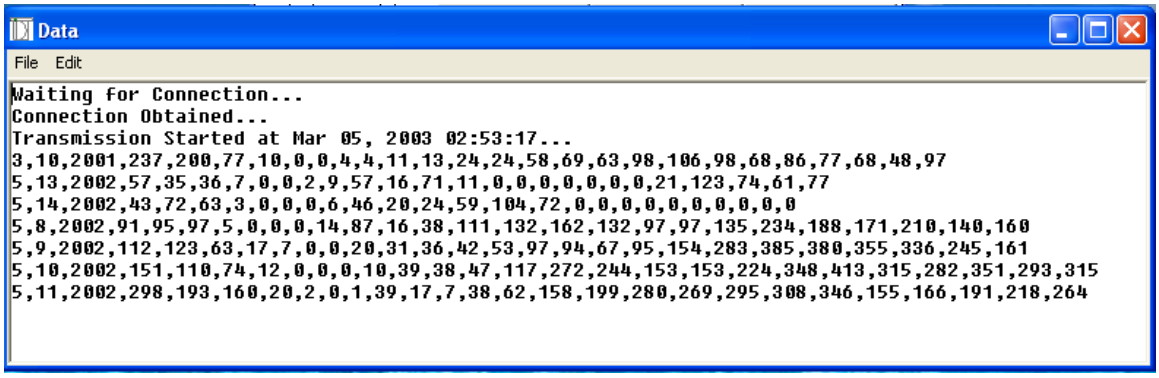
Transmit Option

In order to transmit the traffic data from the RTC-P3 to the PC, the **Transmit** option should be run from the main menu.

> **NOTE:** Before the data can be transmitted successfully, the correct COM port must be selected first. See the **Settings** option to do so.

First, open the software by double-clicking the shortcut icon to the software.

Next, click the <Transmit> button. Assuming that the RTC-P3 is turned on and connected to the PC, the transmission will begin. A window similar to the one below will be displayed.



When the transmission is complete, this window will close automatically and you will be returned to the main menu. The data should now be added to the database. The data can now be analyzed with the optional graphing software, or in a third-party software such as Microsoft Excel.

Timed Transmit Option

The **Timed Transmit** option allows the user to set the software to transmit with the RTC-P3 at a later time in the day, perhaps when there is no employee available to begin the process. In order to perform this option, it should be selected from the main menu.

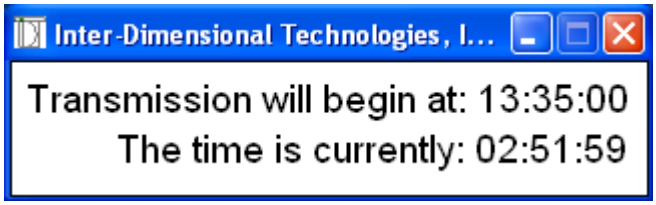
> **IMPORTANT NOTE:** Although this option can be used, it is highly recommended that user now use the Microsoft Windows Scheduler. There is a section later in the manual showing how to use the Scheduler.
>
> **NOTE:** Before the data can be transmitted successfully, the correct COM port must be selected first. See the *Settings* option to do so.

First, open the software by double-clicking the shortcut icon to the software.

Next, click the <Timed Transmit> button. Assuming that the RTC-P3 is turned on and connected to the PC, the transmission will begin at the designated time.

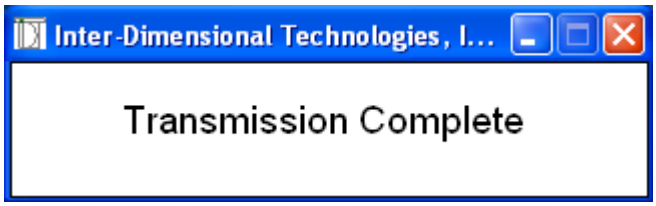
> **NOTE:** The designated start time for the **Timed Transmit** option can be set in the *Settings* option.

After selecting the **Timed Transmit** option, a window similar to the one below will be displayed.



The time will be continually updated in the window. This option can be aborted at any time by clicking the <X> in the upper-right corner of the window. The software will then go back to the main menu.

After the transmission is performed at the designated time, a window similar to the one below will be displayed.



This will allow the user to see that the transmission was performed at the designated time.

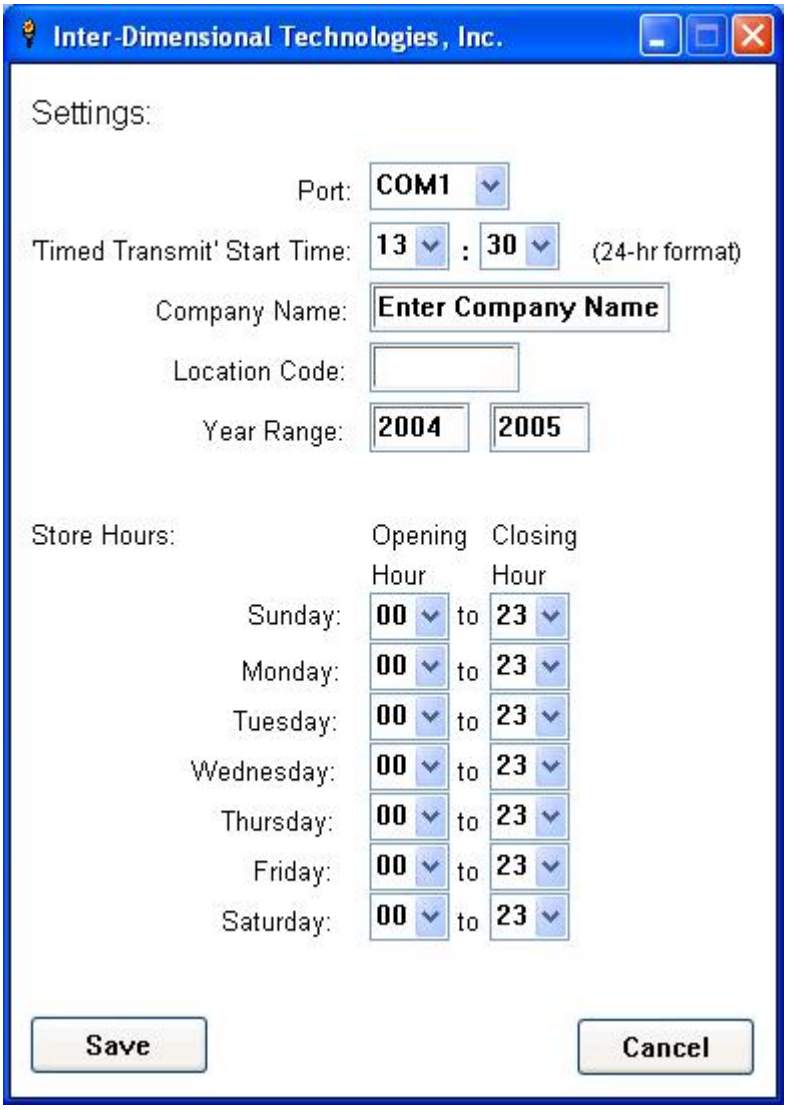
Simply click the <X> in the upper-right corner of the window to close it. The software will then go back to the main menu.

Settings Option

The **Settings** option allows the user to adjust the transmission settings

First, open the software by double-clicking the shortcut icon to the software.

Next, click the <Settings> button. A window similar to the one below will be displayed.



Let's look at each of these options.

Port: The communications between the PC and the RTC-P3 is performed via a standard called "serial communications." This means that we need to connect the RTC-P3 to a PC's serial port. These are also known as "COM ports." Different PCs have a different number of COM ports. The COM port selected in this option needs to be the same COM port to which the RTC-P3 is connected.

NOTE: Some computer manufacturers will used letter designations instead of numbers when describing the COM ports. For example, COM 1 is the same as COM A.

The name of each COM port is usually printed next to the COM port's connector. This should be matched to the value of this field.

Timed Transmit Start Time: These two fields represent the hour and minute when the transmission will begin. This time is in 24-hour format; also known as military time.

NOTE: 24-hour time uses the hours 0 through 23 without an "AM" or "PM" designation. This differs from the normal format that uses hours 1 through 12 while using the "AM" and "PM" designations. The minute's designation is identical for both formats. Below is how these two formats correspond to each other:

Normal Format	24-hour Format
12:00 am (midnight)	0:00
1:00 am	1:00
2:00 am	2:00
3:00 am	3:00
4:00 am	4:00
5:00 am	5:00
6:00 am	6:00
7:00 am	7:00
8:00 am	8:00
9:00 am	9:00
10:00 am	10:00
11:00 am	11:00
12:00 pm (noon)	12:00
1:00 pm	13:00
2:00 pm	14:00
3:00 pm	15:00
4:00 pm	16:00
5:00 pm	17:00
6:00 pm	18:00
7:00 pm	19:00
8:00 pm	20:00
9:00 pm	21:00
10:00 pm	22:00
11:00 pm	23:00

Company Name: Enter the name of your company in this field. This will be part of the heading on the printouts of your traffic. It is very important that you do *not* use commas in this field. This could corrupt the settings options.

Location Code: The user has the option of entering a location code. This is usually a code that is used internally within an organization. This is useful when data from multiple locations will be transmitted to a central location. If you do not use a location code, the name of the traffic history file is rtc-p3.his. Each location's data file should be put in a separate directory on the PC of the central location. However, it is easy to get these files mixed up. There is no information within the file to indicate location either. So the location code will be included in the file name. For example, if the location code is a01, the name of that location's traffic history file will be rtc-p3-a01.his. **If you do not have multiple locations, or if you are not going to transmit the data to a central location, you can leave this blank.**

NOTE: if the Location Code field is not being used, make sure that there are no spaces in the field, or the file name will have spaces.

Printer Resolution: This should be your printer's resolution in dots-per-inch (dpi).

NOTE: If you don't know this, don't worry. An approximation can be determined through a few test prints in the **Graph** option. The width parameter is the 8.5" direction and the height parameter is the 11" direction. However, we print all graphs in landscape format. So if the graph is too wide for the page, then decrease the *height* parameter. If the graph is too high for the page, then decrease the *width* parameter. Once your graphs are an acceptable size, this parameter does not have to be adjusted unless the printer is changed.

Year Range: This is the year range that the user will have access to when using the graphing option. These fields must be in the four-digit format.

Store Hours: These settings allow the user to set the opening and closing hours of the establishment for each of the seven days of the week. As with the Timed Transmit Start Time, these settings are in 24-hour time. The default settings have a opening time of zero (midnight) and a closing time of 23 (11pm). This means that the entire day is listed as "open."

There are two uses for these store hours settings. First, when transmitting, all of the traffic data gets inserted into the database. However, if you need to import traffic data into a application other than our software, and you don't want to include traffic outside of the open hours, the user can use a new file, named rtc-p3-trunc.dat. This will contain the last data transmitted, but with traffic totals of zero for any hours outside of the open hours. (The file, rtc-p3.dat will also contain the data from the last transmit; however, it will include all 24 hours of traffic data.)

The second use for these store hours settings are when the user is using the **Graph** option. There is a checkbox in the Graphing Parameters window, named "Open Hours Only?". When this box is not checked, the data results will be the actual 24 hours of traffic data, regardless of the hours open. If the box is checked, the data will only show for the hours open. All closed hours will be set to zero.

Click the <Save> button to save the changes made and exit back to the main menu.

Click the <Cancel> button to discard the changes made and exit back to the main menu.

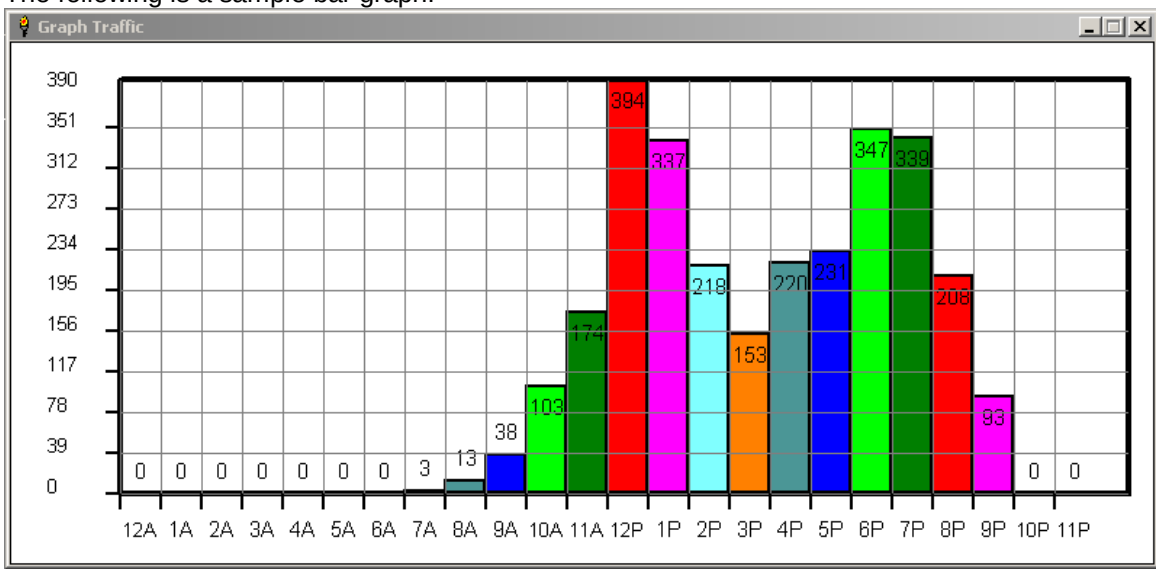
Graph Option

The **Graph** option allows the user to view a date range of traffic data. The data can be viewed as a bar graph, pie chart, line chart, point chart and text. The data can be subtotaled by hour, day, day-of-week, month, year and door number.

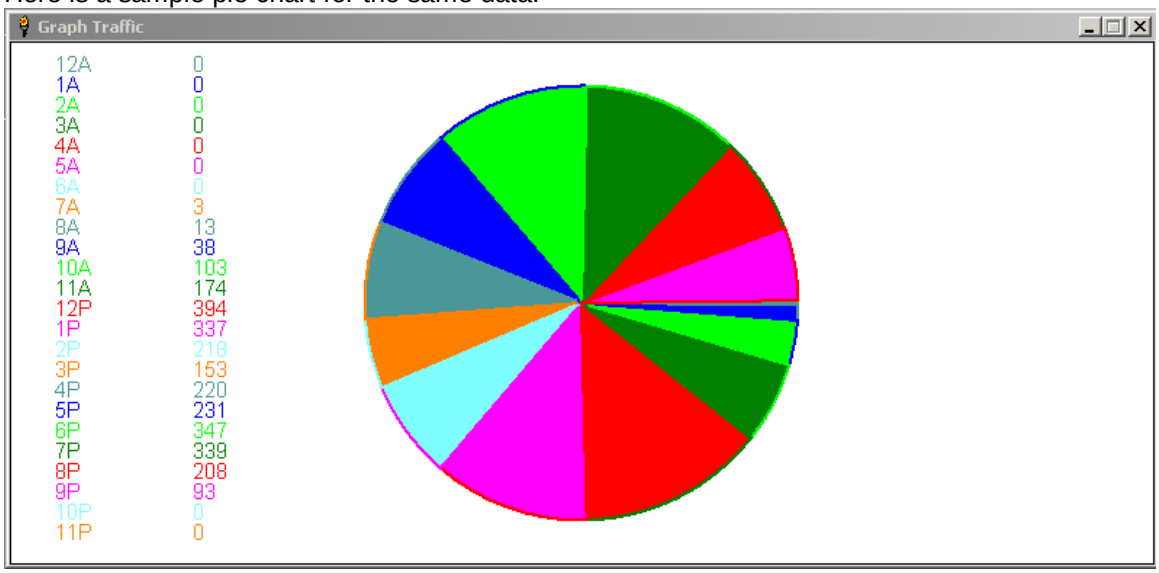
To enter this option, click the <Graph> button on the main menu. A graphing parameters screen will be displayed similar to the following.

As you can see from there are three steps to perform in order to view traffic data. First, select the date range and door number range and decide if the establishment's open hours should be the only hours displayed (see **Settings** option section earlier in the manual for more information). Next, select the graph type and the subtotal type. Last, click the <Graph> button. The data will appear.

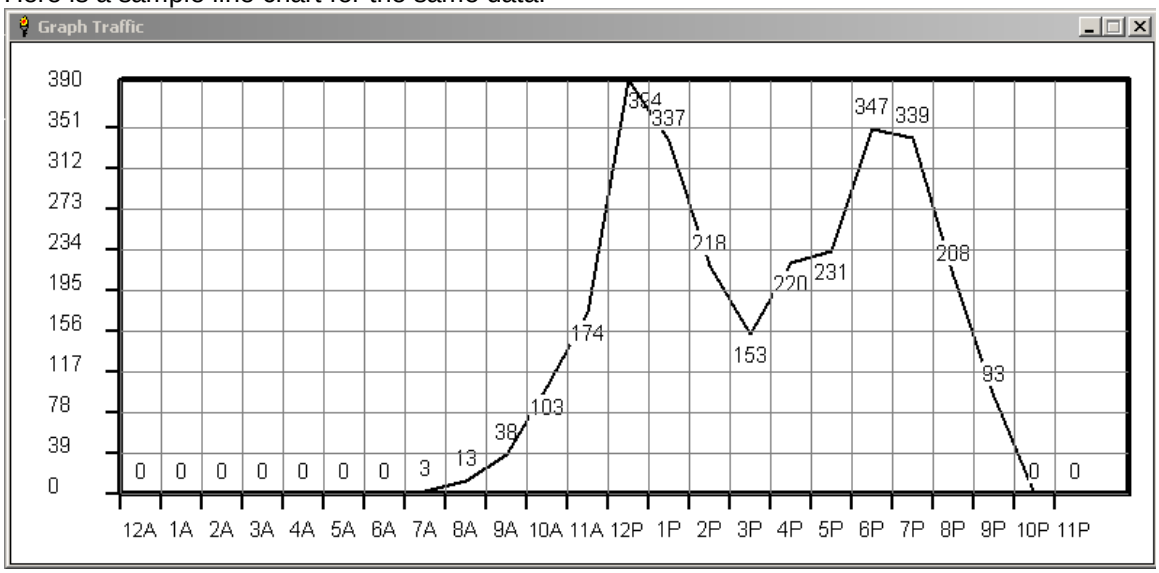
The following is a sample bar graph:



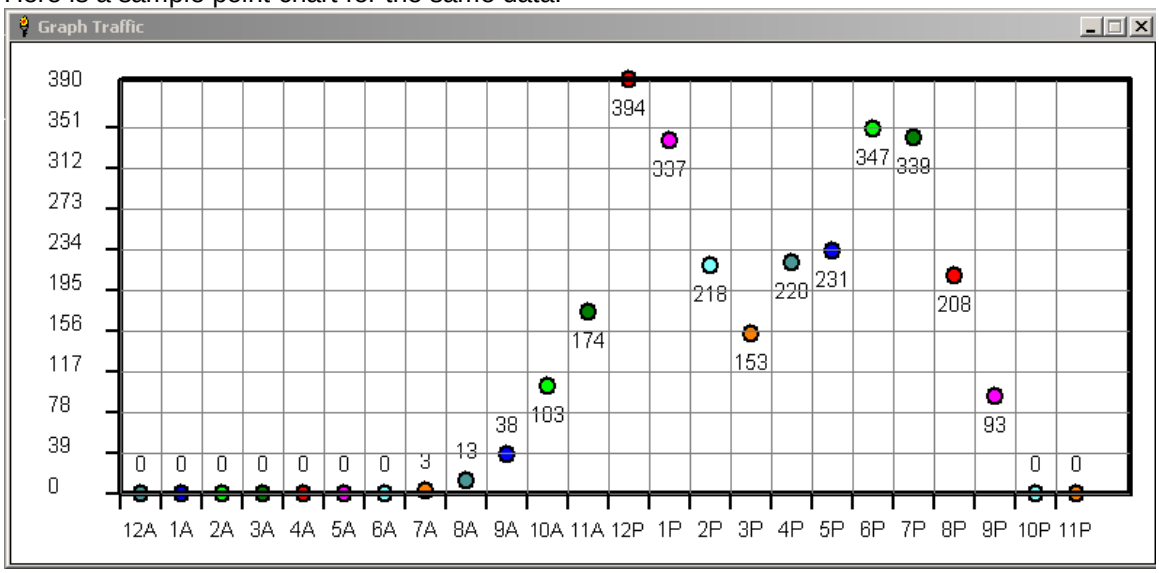
Here is a sample pie chart for the same data:



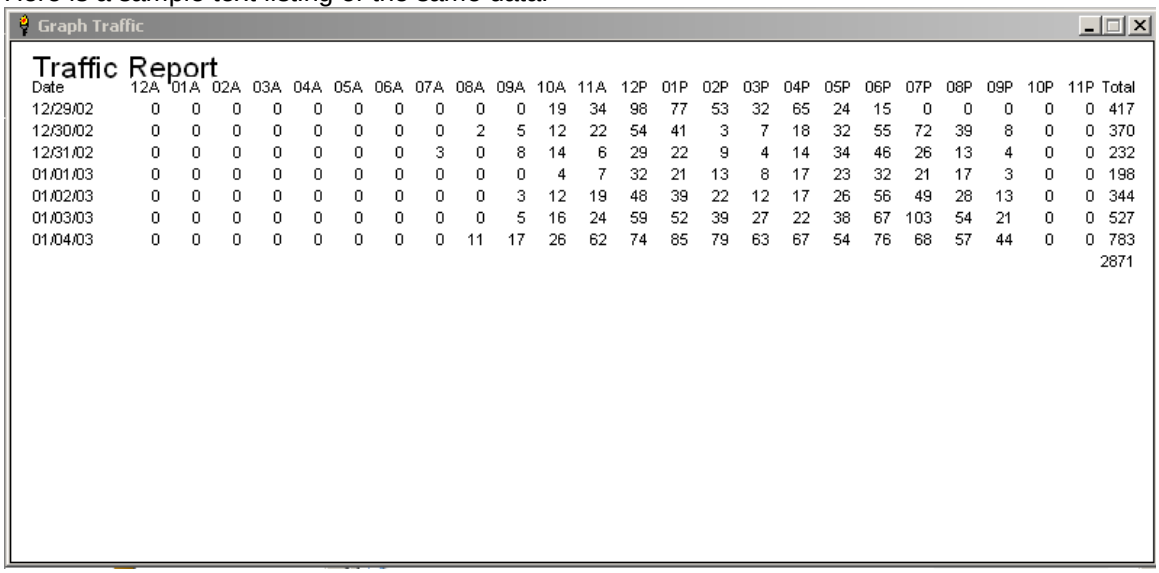
Here is a sample line chart for the same data:



Here is a sample point chart for the same data:



Here is a sample text listing of the same data:



Graph Traffic

Traffic Report

Date	12A	01A	02A	03A	04A	05A	06A	07A	08A	09A	10A	11A	12P	01P	02P	03P	04P	05P	06P	07P	08P	09P	10P	11P	Total
12/29/02	0	0	0	0	0	0	0	0	0	0	19	34	98	77	53	32	65	24	15	0	0	0	0	0	417
12/30/02	0	0	0	0	0	0	0	0	2	5	12	22	54	41	3	7	18	32	55	72	39	8	0	0	370
12/31/02	0	0	0	0	0	0	0	3	0	8	14	6	29	22	9	4	14	34	46	26	13	4	0	0	232
01/01/03	0	0	0	0	0	0	0	0	0	0	4	7	32	21	13	8	17	23	32	21	17	3	0	0	198
01/02/03	0	0	0	0	0	0	0	0	0	0	3	12	19	48	39	22	12	17	26	56	49	28	13	0	344
01/03/03	0	0	0	0	0	0	0	0	0	5	16	24	59	52	39	27	22	38	67	103	54	21	0	0	527
01/04/03	0	0	0	0	0	0	0	0	11	17	26	62	74	85	79	63	67	54	76	68	57	44	0	0	783
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In order to close the **Graph** option, simply close either the window where the graphs are being displayed, or the graphing parameter window. Close either of these windows by clicking on the "X" in the upper-right corner of the given window. Once one window is closed, the other will also close. You will then be back to the main menu of the software.

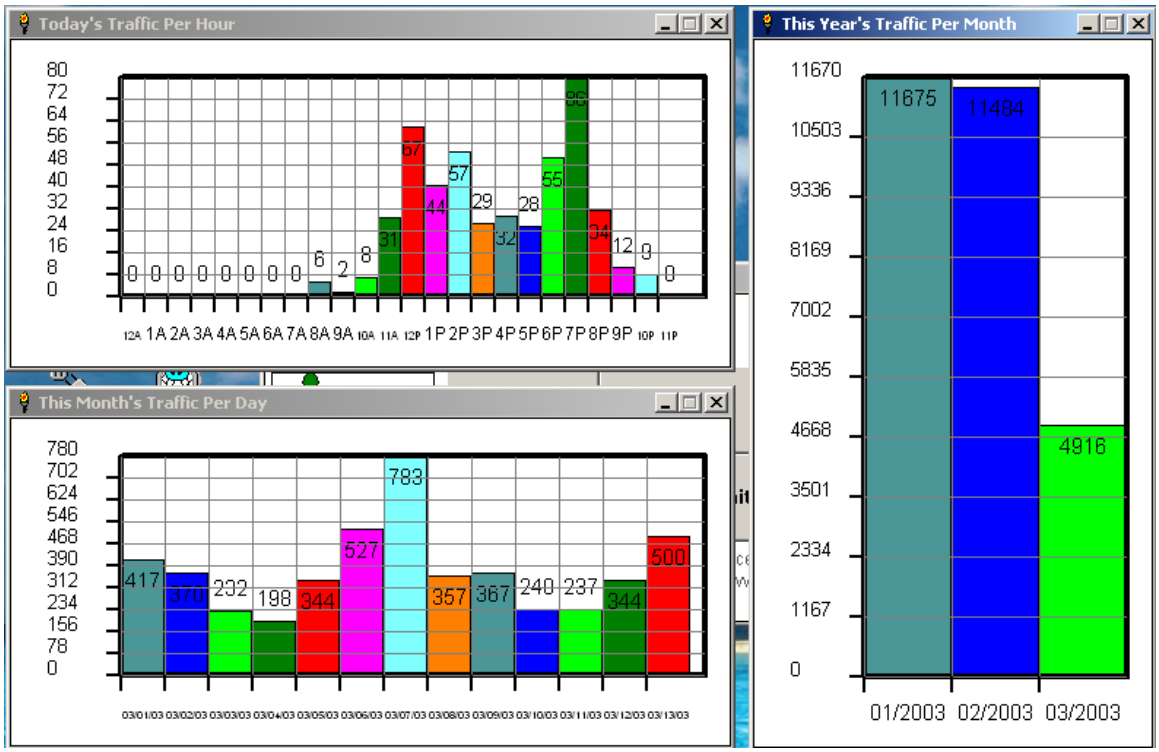
Printing Data:

Once the data is represented as desired on the screen, click the <Print> button. Your printer dialog box will appear. Each printer dialog box will look differently, depending upon the printer that you are using. However, most will allow you to select the number of copies, the printer, the print quality, etc. At this time, our software will overwrite all of these parameters. The software

will also attempt to print using the default printer. The reason for displaying this printer dialog box is to allow the user to continue with the print job, or cancel the print job.

Quick View Option

The **Quick View** option is a special graphing option that allows the user to view the traffic data at a glance. Simply click the <Quick View> button on the main menu of the software and three bar graphs will be displayed similar to the once shown below.



The upper-left window will display the current day's traffic data per hour. The lower-left window will display the current month's traffic data per day. The right window will display the current year's traffic data per month.

> **IMPORTANT NOTE:** The **Quick View** option uses the system date to retrieve the correct data. If the system date is not set correctly on your PC, this option will not retrieve the correct data.
>
> **IMPORTANT NOTE:** Simply by clicking the <Quick View> button, the user will see the current days, month's and year's traffic data. However, in order to get the most recent traffic for the current day, the user should perform the **Transmit** option before the **Quick View** option. If the data is not transmitted before using this option, the user will not see the most recent data. For example, if the last time the traffic data was transmitted to the PC was the previous day, then no data will be shown for the hourly traffic for the current day. Additionally, there will not be a "bar" shown in the current month's traffic for the current day. In summary, always remember to transmit the traffic data before using the **Quick View** option in order to ensure that the latest data is being displayed.

In order to close the **Quick View** option, simply close any of the three windows where the graphs are being displayed. Close any of these windows by clicking on the "X" in the upper-right corner of the given window. Once one window is closed, the others will also close. You will then be back to the main menu of the software.

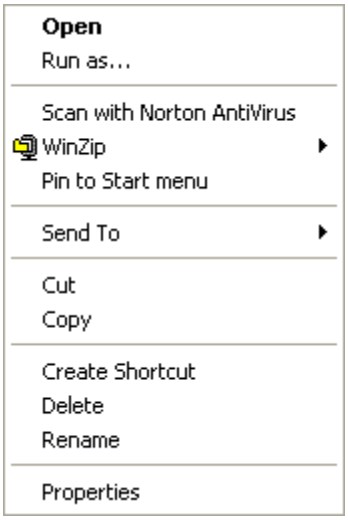
Auto-Transmit Option

The **Auto-Transmit** option is not accessible from the main menu. This option is essentially the **Transmit** option, with the exception to how it is started.

Clicking the <Transmit> button on the main menu starts the Transmit option. However, the idea behind the **Auto-Transmit** option is to begin the **Transmit** option directly form an icon, rather than the main menu. This option is intended for situations where you want the user to interact with the PC as little as possible.

> **NOTE:** In the *Installation and Setup* section, we showed how to create a shortcut icon on the desktop. If you want an icon for the main menu and a separate icon for the **Auto-Transmit** option, then you will need to create a second copy of this icon before we begin. **Step 1** and **Step 2** will guide you through this process. If you do not feel that you need a shortcut icon on the desktop that will start the software with the main menu, then proceed to **Step 3**, using the original icon that was created in the *Installation and Setup* section.

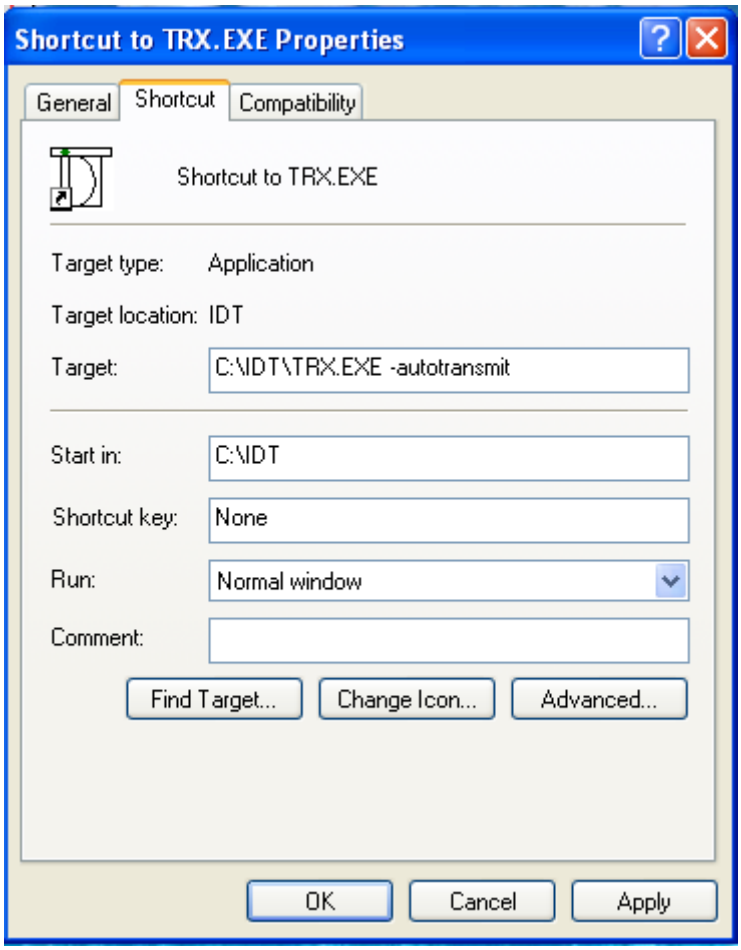
Step 1: Right-click on the original shortcut icon that was created in the Installation *and* Setup section. A menu similar to the one below will be displayed.



Step 2: Select the “Create Shortcut” option. A new shortcut icon will be displayed on the desktop.

Step 3: Right-click on this new shortcut icon. Again, a menu similar to the one in **Step 1** will be displayed.

Step 4: Select the “Properties” option. A window similar to the one below will be displayed.



The "Target" field will display *c:\idt\trx.exe*. This will start the software with the main menu. In order to activate the **Auto-Transmit** option, we need to add *–autotransmit* at the end of this line.

> **NOTE:** It is very important to type *–autotransmit* in lower-case letters. Also, be sure that there is at least one space between *c:\idt\trx.exe* and *–autotransmit*.

Step 5: Click the <OK> button to accept the changes and close this window.

> **NOTE:** You will notice that the name of the icon will be very similar to that of the one from which it was copied. The only difference is that there will be a "(2)" designation at the end of the second shortcut icon. You can make these names more meaningful by right-clicking on the icon, and then selecting the "Rename" option from the menu that will appear. You can, for example, name the icon that starts the software with the main menu, "Traffic Main Menu." Similarly, you can name the icon that starts the **Auto-Transmit** option, "Auto-Transmit Traffic" or "Get Traffic."

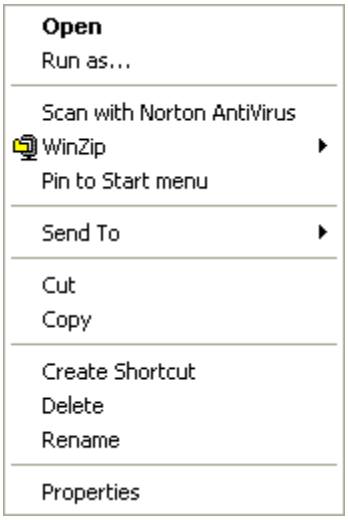
Auto-Timed Transmit Option

The **Auto-Timed-Transmit** option is not accessible from the main menu. This option is essentially the **Timed Transmit** option, with the exception as to how it is started.

Clicking the <Timed Transmit> button on the main menu starts the Timed Transmit option. However, the idea behind the **Auto-Timed Transmit** option is to begin the **Timed Transmit** option directly form an icon, rather than the main menu. This option is intended for situations where you want the user to interact with the PC as little as possible.

> **NOTE:** In the *Installation and Setup* section, we showed how to create a shortcut icon on the desktop. If you want an icon for the main menu and a separate icon for the **Auto-Timed Transmit** option, then you will need to create a second copy of this icon before we begin. **Step 1** and **Step 2** will guide you through this process. If you do not feel that you need a shortcut icon on the desktop that will start the software with the main menu, then proceed to **Step 3**, using the original icon that was created in the *Installation and Setup* section.

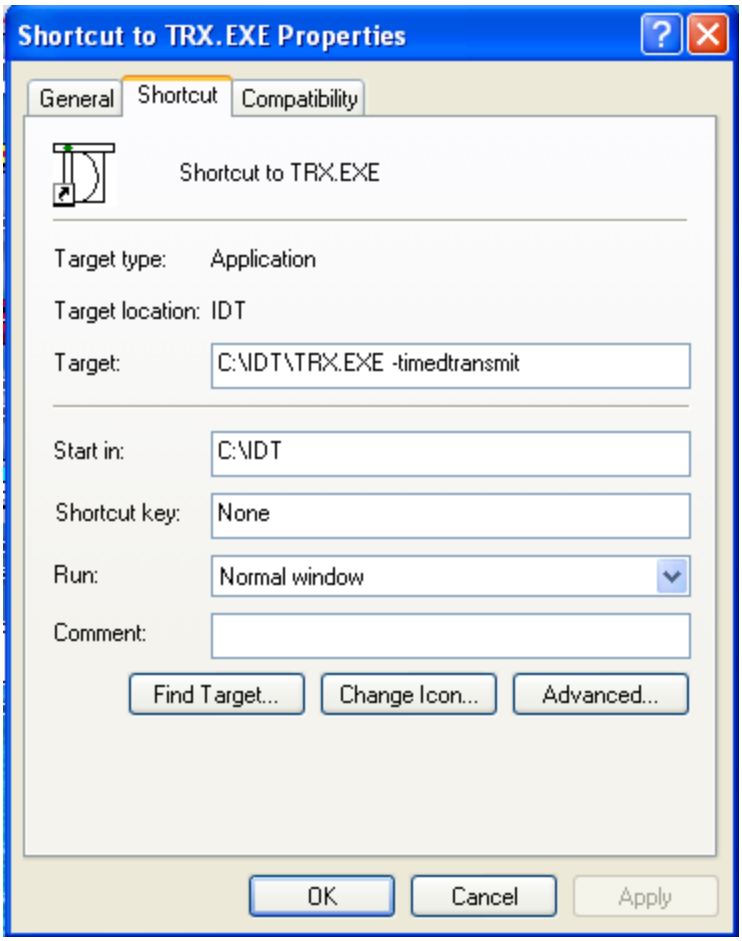
Step 1: Right-click on the original shortcut icon that was created in the Installation *and* Setup section. A menu similar to the one below will be displayed.



Step 2: Select the “Create Shortcut” option. A new shortcut icon will be displayed on the desktop.

Step 3: Right-click on this new shortcut icon. Again, a menu similar to the one in **Step 1** will be displayed.

Step 4: Select the “Properties” option. A window similar to the one below will be displayed.



The "Target" field will display *c:\idt\trx.exe*. This will start the software with the main menu. In order to activate the **Auto-Timed Transmit** option, we need to add *–timedtransmit* at the end of this line.

> **NOTE:** It is very important to type *–timedtransmit* in lower-case letters. Also, be sure that there is at least one space between *c:\idt\trx.exe* and *–timedtransmit*.

Step 5: Click the <OK> button to accept the changes and close this window.

> **NOTE:** You will notice that the name of the icon will be very similar to that of the one from which it was copied. The only difference is that there will be a "(2)" designation at the end of the second shortcut icon. You can make these names more meaningful by right-clicking on the icon, and then selecting the "Rename" option from the menu that will appear. You can, for example, name the icon that starts the software with the main menu, "Traffic Main Menu." Similarly, you can name the icon that starts the **Auto-Timed Transmit** option, "Nightly Traffic Process" or "Set Up to Get Traffic."

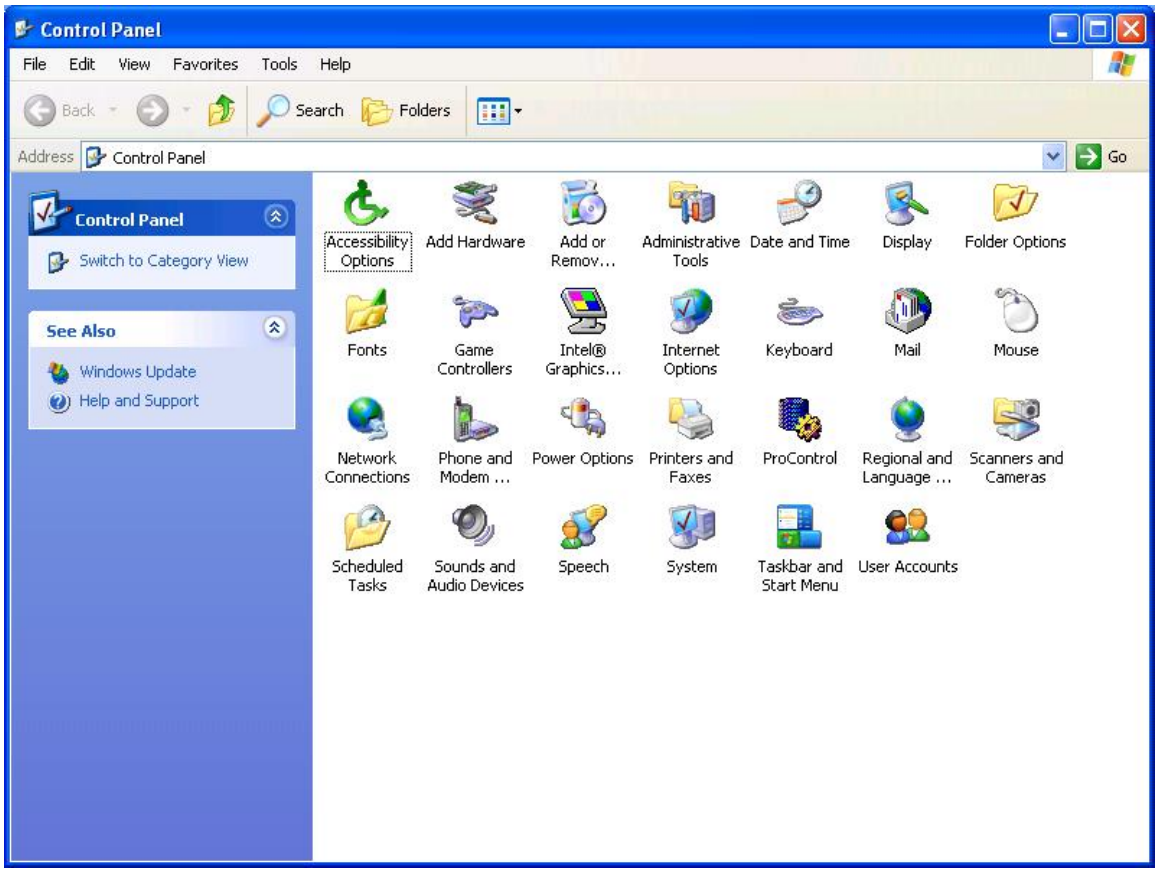
Using Microsoft Windows' Scheduler when Transmitting

The **Auto-Timed Transmit** works fine, as long as the user remembers to start the process and the PC does not get turned off. If the user does not remember to start the process, then it will obviously not run. If the PC is turned off, and the process is not in the Startup directory, it will not execute.

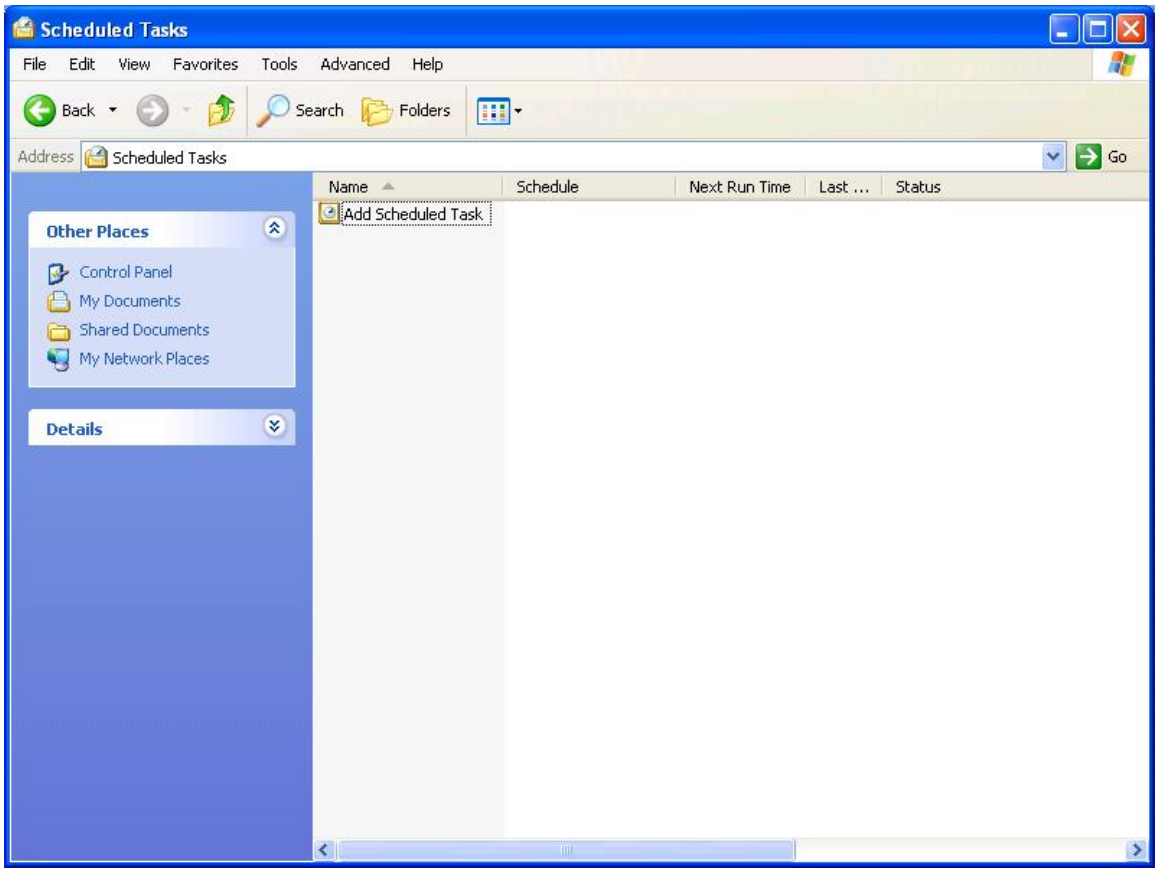
If you want to make sure that the transmit process is executed without fail, then setting the transmit process up in the Windows' Scheduler is a better option. The only time the process wouldn't execute is if the PC is turned off.

Follow the steps listed below.

Step 1: Open the "Control Panel." This is usually done by clicking the Start button that is usually found in the lower-left corner of the screen. If it is not found on the menu, look under the "Settings" menu. After selecting the Control Panel, a window similar to the one below will be displayed.



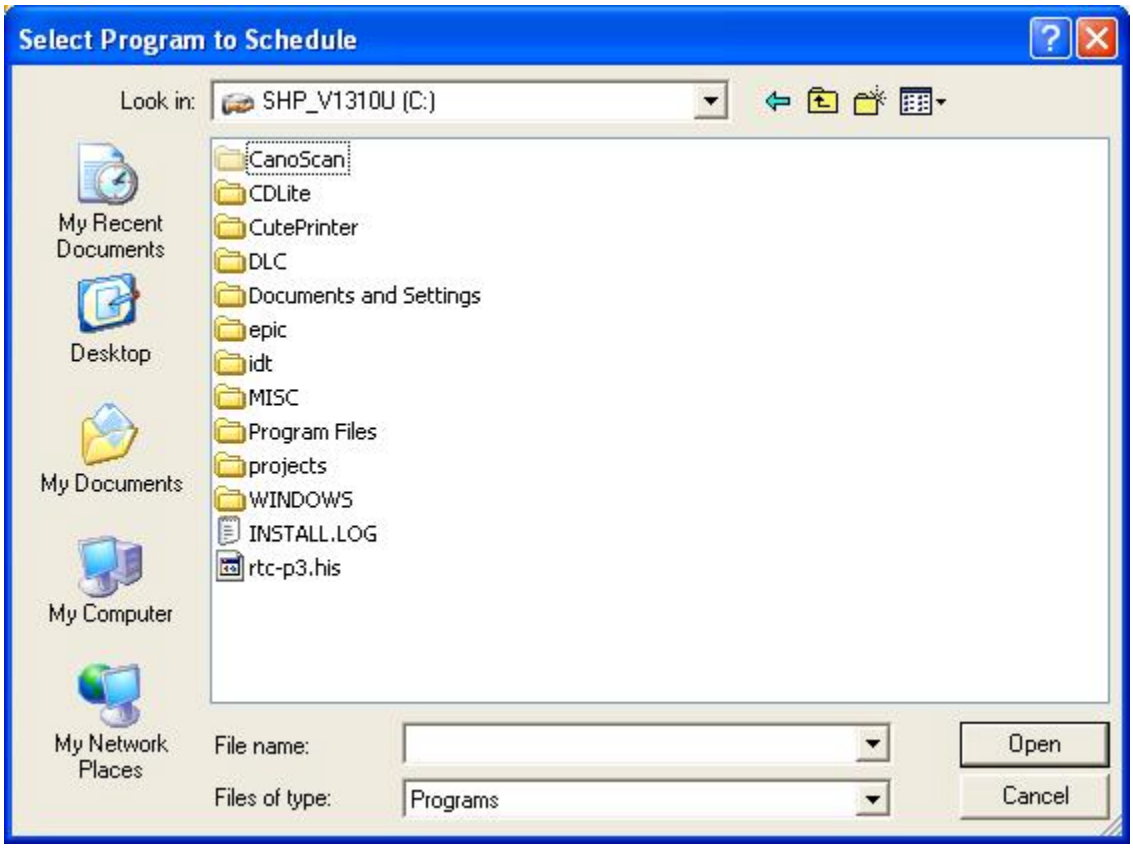
Step 2: Double-click the "Scheduled Tasks" icon. A window similar to the one below will be displayed.



Step 3: Double-click the "Add Scheduled Task" icon. A window similar to the one below will be displayed.

Step 4: Now the *Scheduled Task Wizard* will start. This will guide you through the process. Click the <Next> button. A window similar to the one below will be displayed.

Step 5: This step allows the user to select the program that is to be run at a scheduled time. Do not select our software from the application list in the window. Instead, click the <Browse> button. A window similar to the one below will be displayed.



Step 6: This step allows the user to search the hard drive and select the application. The file name is *trx.exe*. It will be in the subdirectory in which the software was installed during the installation process. Locate the *trx.exe* file and click the <Open> button. A window similar to the one below will be displayed.

Step 7: This step allows the user to select when the task will be performed. Most users choose to transmit the traffic data on a daily basis. Select the desired option and click the <Next> button. A window similar to the one below will be displayed.

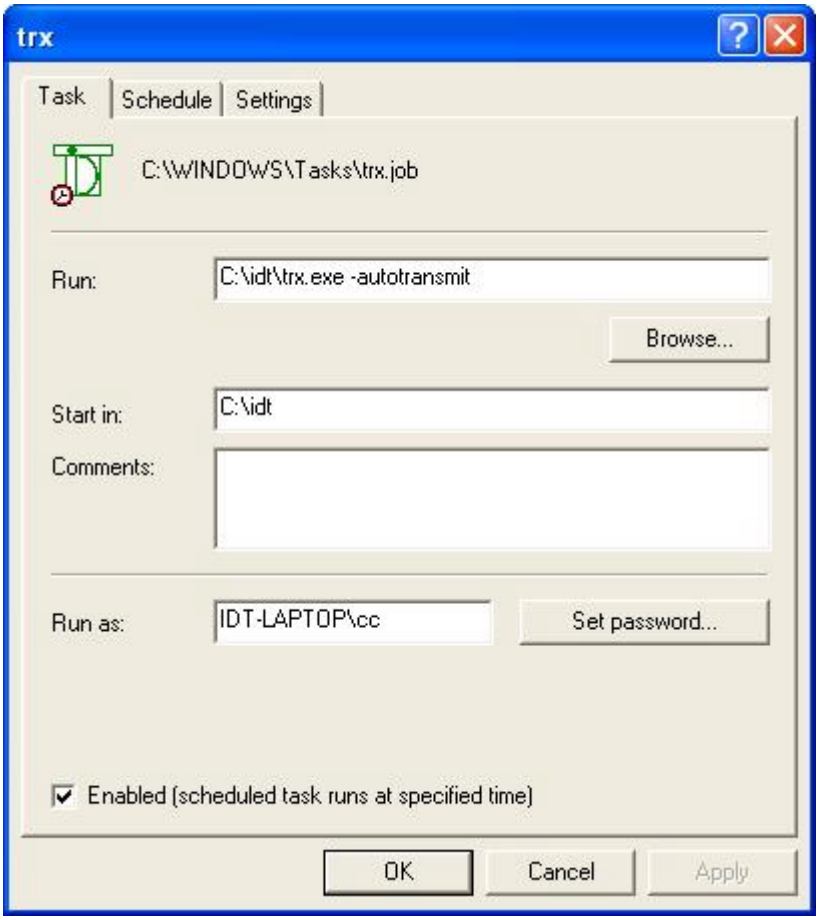
Step 8: This step allows the user select the time when the task should begin. Next, we recommend that the task be performed "Every Day," even if your establishment is not opened on

weekends. Finally, the start date should default to the current day's date. After setting the correct parameters, click the <Next> button. A window similar to the one below will be displayed.

Step 9: This step asks the user for the password which is entered when the user turns on the computer. The name of the PC should be defaulted in the first field. This can be left unchanged. Next, the password should be entered in each of the final two fields. Then, click the <Next> button and a window similar to the one below will be displayed.

> **NOTE:** If the user does not enter a password when the computer is turned on, one should be set. If there is no password set, the process may not run. In order to set a password, double-click the "User Accounts" icon in the Control Panel window that is shown in **Step 1**. This can be done after the scheduled task is set. Therefore, proceed with the remaining steps before adding a password.

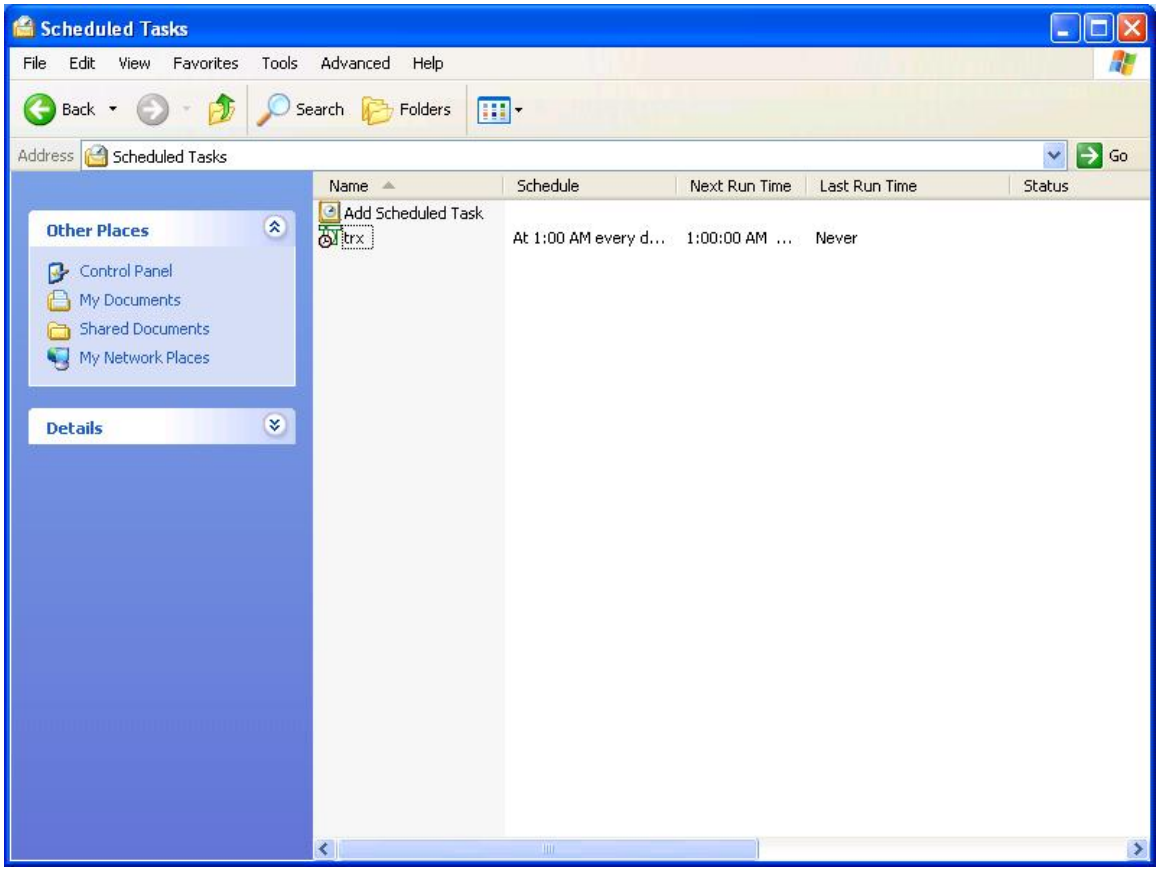
Step 10: The next step allows the user to adjust advanced settings. Check the box so that the advanced settings will be displayed after the <Finish> button is clicked. After checking the box, click the <Finish> button and a window similar to the one below will be displayed.



Step 11: This step allows the user to set advanced settings for the process. The "Run" field will have the path and file name of the process, such as *c:\idt\trx.exe*. However, this will run the main menu. Instead, we want to run only the transmit process. Therefore, we will incorporate the **Auto Transmit** option. Simply add *–autotransmit* at the end of the path. Be sure that there is a space in between the path and the hyphan. Also, be sure that there is no space between the hyphan and the text, *autotransmit*.

> **NOTE:** If the process is going to be run on a laptop computer that will be running on batteries, the user must also click on the "Settings" tab towards the top of the window. There will be are two options that should be shut off in the "Power Management" section. However, if the PC is not running on batteries, this does not have to be done.

Next, click the <OK> button. The user will now be prompted for the password again. Enter the password as indicated. The scheduled process should now be created and a window similar to the one below will be displayed. The new process will now be shown as a line in the window.



Now that the scheduled process has been created, how can the user be sure that it will run correctly, especially if the process is scheduled to be run in the middle of the night? The user can test the process by right-clicking on the *trx* line in the window shown above. A small menu will appear. Select "Run" from that menu. The transmission process should start, and the traffic data should be shown in a window that will appear. The window will then close after the process is completed. However, if something was not set correctly, the "Status" column shown in the window above will display the reason. It may be that the passwords do not match.

Continue to test the process by right-clicking on the *trx* line after each change that is made. If continued difficulties arise, the user can delete the entire scheduled task by right-clicking on the *trx* line and selecting “Delete.” The user can then start over with **Step 1** in this section. However, the software is unaffected and does not have to be reinstalled.

Once the user gets the process to run correctly, the windows can be closed and the process should run each night and the traffic data will be transmitted to the PC. This can be verified the next morning by clicking the “Quick View” option from the main menu and viewing the traffic total for the day before.

Data Directory Option

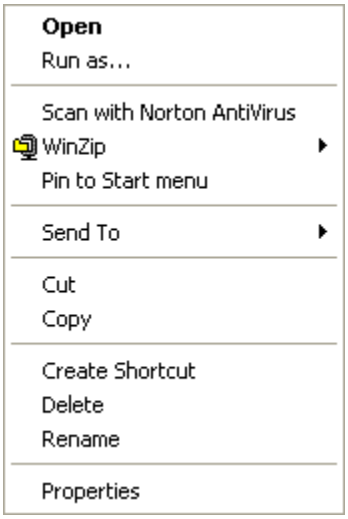
The **Data Directory** option is not accessible from the main menu. This option allows the user to select which directory the traffic data will be read from when graphing and written to when transmitting.

> **NOTE:** If this option is not used, the data directory will be c:\idt.

This is also extremely useful, and in fact, necessary, when analyzing traffic data from multiple locations on one PC. For example, if multiple locations e-mail the data to a central location. The PC that will receive and analyze this information will need to set up a separate directory for each location. In brief, there should be, for example, a shortcut icon for each location on the desktop. Then, the command line will specify the given directory for the data for the given location, as described below.

> **NOTE:** This option can be used on the shortcut to the main menu, the **Timed Transmit** option or the **Auto Transmit** option. Below, is an example of using it on the shortcut that will start the main menu.

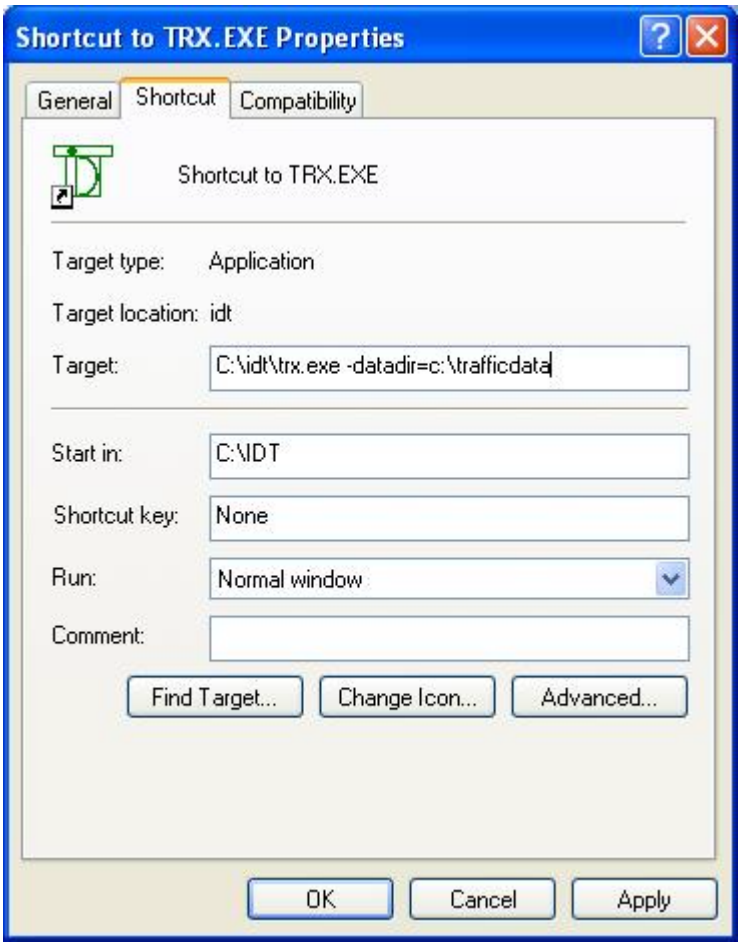
Step 1: Right-click on the original shortcut icon that was created in the Installation *and* Setup section. A menu similar to the one below will be displayed.



Step 2: Select the “Create Shortcut” option. A new shortcut icon will be displayed on the desktop.

Step 3: Right-click on this new shortcut icon. Again, a menu similar to the one in **Step 1** will be displayed.

Step 4: Select the “Properties” option. A window similar to the one below will be displayed.



The "Target" field will display *c:\idt\trx.exe*. This will start the software with the main menu. In order to select a different data directory, we need to add *–datadir=x:\dir* at the end of this line, where *x* is the drive letter and *dir* is the directory.

> **NOTE:** be sure that there is at least one space between *c:\idt\trx.exe* and *–timedtransmit*. Also, be sure that there are no spaces between the hyphen and the "datadir" phrase.

> **NOTE:** This directory needs to already be created or it will display an error when the user attempts to run the program. If you are not sure how to create a directory, give us a call and we can help you do so.

Step 5: Click the <OK> button to accept the changes and close this window.

> **NOTE:** You will notice that the name of the icon will be very similar to that of the one from which it was copied. The only difference is that there will be a "(2)" designation at the end of the second shortcut icon. You can make these names more meaningful by right-clicking on the icon, and then selecting the "Rename" option from the menu that will appear. You can, for example, name the icon the same name as the given location.

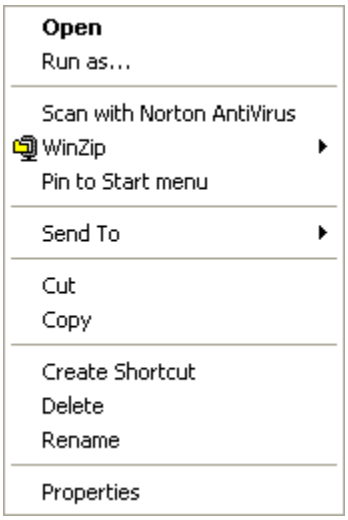
Display Transmission Option

The **Display Transmission** option is not accessible from the main menu.

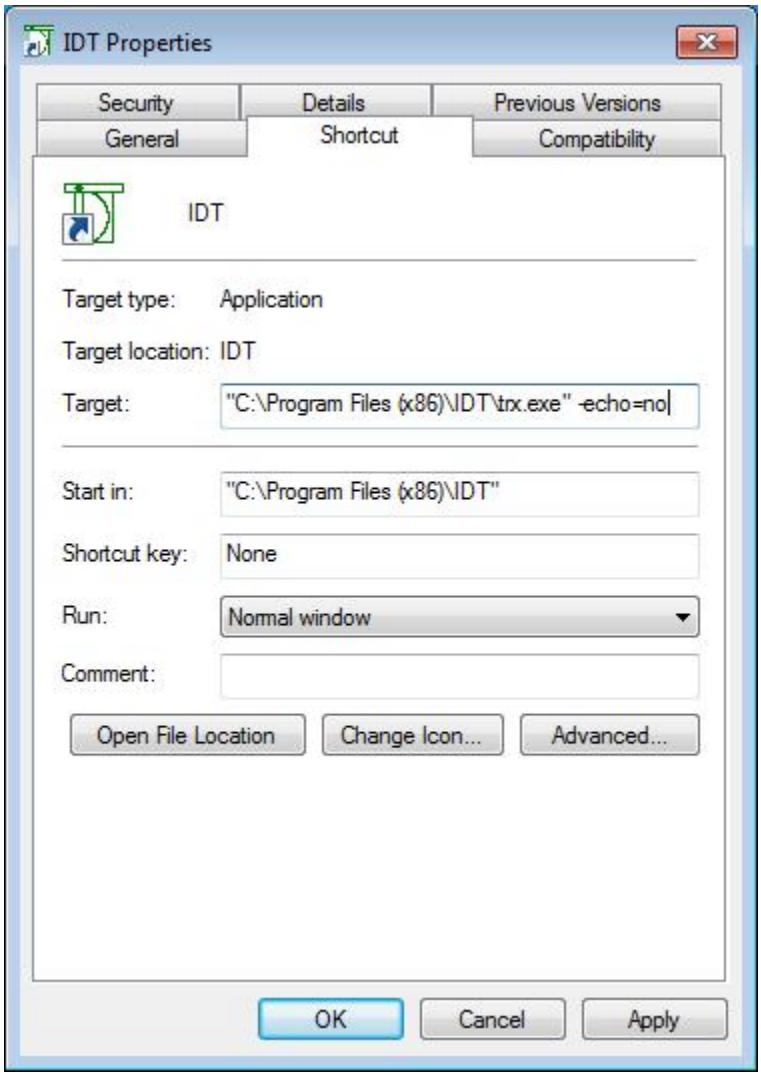
This option is set in the Target field. It will suppress the normal displaying of the data as it transmits to the PC. This option is intended for situations where you want the user to interact with the PC as little as possible. It is commonly used along with the **Auto-Transmit** option.

Here is how to add this option to the Target field of the shortcut icon on the desktop.

Step 1: Right-click on the original shortcut icon that was created in the Installation *and* Setup section. A menu similar to the one below will be displayed.



Step 2: Select the “Properties” option. A window similar to the one below will be displayed.



The “Target” field will display *c:\idt\trx.exe*. This will start the software with the main menu. In order to suppress the echoing of the data as it is transmitted, we need to add *–echo=off* at the end of this line.

> **NOTE:** Be sure that there is at least one space between *c:\idt\trx.exe* and *–echo*. Also, be sure that there are no spaces between the hyphen and the “echo” phrase.

Step 3: Click the <OK> button to accept the changes and close this window.

> **NOTE:** If you want the data to echo as the data is transmitted, you can either change this option from *-echo=no* to *-echo=yes*, or you can eliminate the entire option from the Target field. If the value is not "yes" or "no," but the -echo option is found, then the value will be set to "yes."

Contact Information

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