

ScadaPhone Installation & Quick Start::

This procedure covers how to install and check that ScadaPhone is working properly. ScadaPhone is shipped with a top quality external modem, serial cable, and a microphone. The CD contains ScadaPhone and a number of other ScadaTEC products.

This procedure covers the following:

1. Installing ScadaPhone from the CD
2. Launch ScadaPhone with the supplied Sample Project.
3. Connect & test the modem

Software Installation::

The ScadaPhoneInstallProgram.exe file on the CD will launch the window displayed to the right.

The default directories displayed in blue may be changed by clicking on the blue text. A “Select Directory” will be displayed where new path data may be entered. Use this window to create or select the location that you wish to place the ScadaPhone executive files and sample project files.

When you click on [Install}, the progress bar will show the installation status. Installation only takes a few seconds.

The modem is not needed to configure & test run ScadaPhone. If the modem is not detected, ScadaPhone will use the sound card, if available.



Directory Structure:

ScadaPhone uses approximately 8 meg of hard disk. Most of the space is used to store the supplied voice file library. Only one executive program, ScadaPhone.exe, is used for development & runtime..

ScadaPhone.exe, can be located anywhere on your computer. Typically, the default directory labeled as the version number is used. E.g. 4.9.3

ScadaPhone requires that the following two directories be located under the directory where the executive file is located. The directory names are,

& SystemFiles contains the supplied voice file library
& HelpFiles contains the on-line tutorial.

Your project directory can be anywhere on the computer that ScadaPhone resides on. This directory will store all of the project specific configuration files and voice recordings that you generate. Note that if a voice file (*.wav) starts with the “\$” character, ScadaPhone will look in the SystemFiles directory for it.

Otherwise, ScadaPhone looks in the user define project directory.

The following files will be installed in the same directory as the executive file:

ScadaPhone.exe	main ScadaPhone program; includes development & runtime programs
ScadaPhone.chm	on-line help file
ScadaPhone.ini	points to the project directory when ScadaPhone starts
ScadaPhoneCheckpointTracker.exe	troubleshooting utility
RestartScadaPhone.exe	a watch dog program to restart ScadaPhone when necessary
RASFlag.exe	lists which Windows handles associate with remote access host software
5.1.12.188 Version	read by ScadaPhone to display the version number
ExeCrcLog.csv	utility that checks program's CRC; used as virus checker.
Libeay32.dll	used for secure e-mail
ssleay.dll	used for secure e-mail
MDD32.dll	used with dial up network connection (not needed with LAN based)
SentinelKeyW.dl	used with hardware key if hardware key is provided
RecentProjects.csv	used by pop window when loading a project
ClogViewer.exe	Stand alone program to view ScadaPhone generated log files
UninstallScadaPhone.exe	utility to clean up a computer that has multiple versions of ScadaPhone
AcceptedWordList.txt	Word list used with browsers to construct alarm messages
AlarmsCSVCOLUMNExplanations.html	utility used with importing/exporting configuration files
SampleProject.zip	Sample project application configuration files
CTAPILink.exe	used with Citect
AcceptedWordList.txt	used with Citect
CTAPILink.exe	used with Citect

Modem Installation::

ScadaPhone is normally shipped with an external modem. Our standard modem is a MultiTech Model MT5634ZBA. This modem uses a voice/fax chip set which supports all of the features of ScadaPhone.

ScadaPhone does not need the modem driver installed. It only needs to be installed if a remote access software such as pcAnywhere is to be used. The modem drivers are on the CD that is shipped with this modem or may be downloaded from our web site.

If the modem driver is not installed when the modem connects to the comm port, an error window will be displayed. In order to avoid this message, either install the modem driver or disable the modem entry in the device manager.

If you intend to use the modem & ScadaPhone with a USB port instead of a RS232 port, you will need to provide a USB to RS232 converter since the modem cable supplied uses a RS232 - 9DB-female connector as the interface to the computer. We recommend Keyspan model USA-19HS, This unit has been tested and found to support all of the functions needed by ScadaPhone.

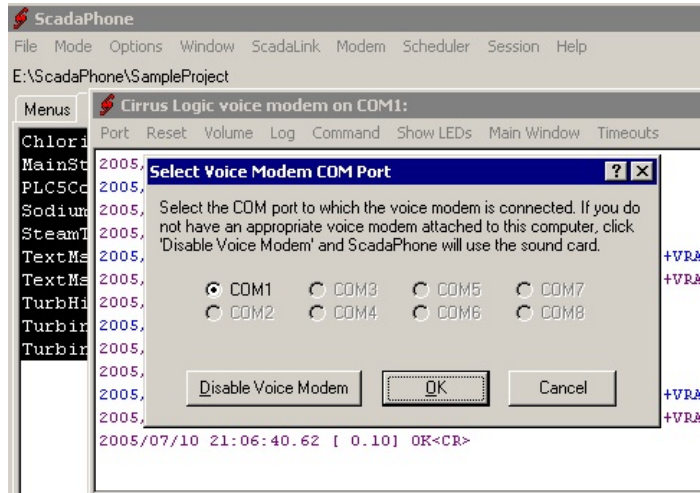
The "Select Voice Modem COMM Port" window is used to point to the port that your modem is connected to.

Launch & Test ScadaPhone::

To insure that all is working properly, the operations that follows will test the following:

1. That ScadaPhone launches correctly,
2. That the modem is properly installed,
3. That the Sample Project runs correctly.

Launching ScadaPhone the first time after installation will also launch the project called, SampleProject. The main menu will be displayed. If you start ScadaPhone without the modem connected to comm port 1, then the computer's sound card will try to be used to play wav files..

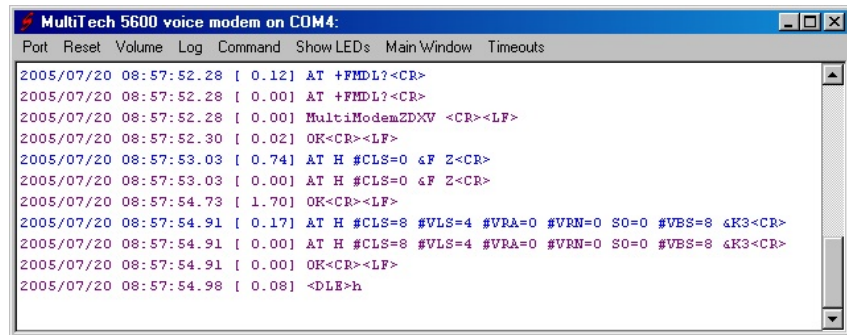


Assuming that the modem is connected, do the following in order to point to the port that the modem is connected to:

Step 1: Click on the "Modem" tab.

Step 2: Click on the menu item "Port". A 'Select Voice Modem' window

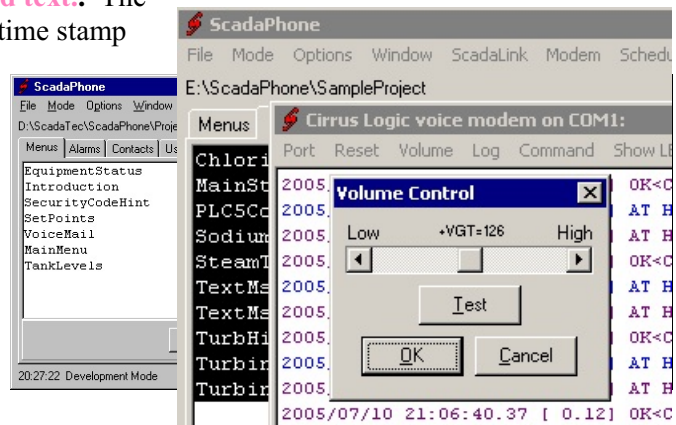
displays. This window will display all of the comm ports that are currently available. Select the one that the modem is connected to.



Step:3 ScadaPhone will communicate with the modem and log what is sent to the modem as blue text and what is received from the modem as light red text.. The last line will be in red and should display a date-time stamp and **OK<CR>**

Testing Voice Files thru the modem::

The supplied modem does not have a built in speaker. You will need to connect one to the "Spr" jack on the modem. The speaker will need to be the type that amplifies the low level signal from the modem.



To test that the modem plays voice files correctly, do the following:

Step 1: Click on “Modem” from the main menu.

Step 2: Click on “Volume” from the next window.

Step 3: Click on the [Test] button on the ‘Volume Control’ window.

You will hear a voice saying “Testing”.



If you here no voice, then check if the sound card has been selected as the audio device by doing the following:

Step 1: Click on “Options” from the main menu.

Step 2: Select “Audio Devices” The ‘Audio Revice Options’ window will display.

Step 3: Uncheck the box that selects the Sound Card.

Step 4: Revisit the “Modem” menu and press the “Testing” button.

You now have a functioning ScadaPhone alarm dialer system and are ready to develop your specific application.

We suggest that you load & review the sample project included with the installation CD. This project demonstrates how to configure and use many of the ScadaPhone features.