

Scriptalk Station

Pharmacy Application

User Manual

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1 Introduction

ScripTalk Station with USB-Serial converter (pharmaceutical version) is a portable electronic device that allows pharmacies to program 'smart label / RFID Tags' with prescription information using the PC GUI Software and update firmware and libraries using the PC GUI. The communication interface between Target and PC GUI is either USB or Serial

Near Field Communication (NFC) has also been incorporated to allow data transfers to other end users ScripTalk Stations.

2 Purpose

The purpose of this document is to provide user level guidance about Scriptalk Station PC GUI Software system and NFC. This document will provide details on the features of the product, the initial setup environment on the PC to run the software, the installation instructions, the help guidelines to work with the Host application and NFC Use cases.

3 Scope

This document is limited to provide details for the user about how to use Scriptalk Station PC GUI Software on the Host PC and NFC.

4 Audience

The target audience of this document is the end users of Scriptalk Station PC GUI Software.

5 Overview

5.1 Initial Setup

The Scriptalk Station PC GUI Software is a PC-based system that runs on Microsoft Windows operating system. This software enables an end-user to update the firmware and support files on a Scriptalk Station Target board and program the RFID Tags with the same board.

The target supports either USB Interface (USB to Serial Adapter) or Serial Interface. This software communicates with the Scriptalk Station Target board using the UART communication port emulated using an USB-to-UART adapter installed on the PC or RS232 communication.

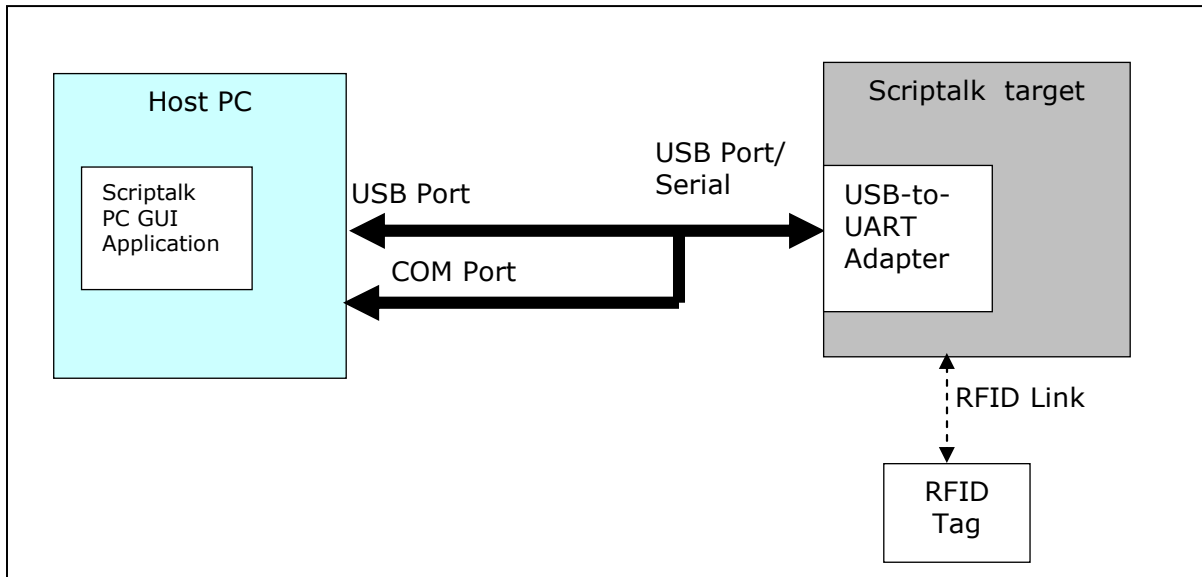


Figure -1 ScriptalkM – PG GUI Setup

5.2 System Requirements

5.2.1 Software Requirements

- PC with Windows Operating System (2000 or XP)
- Scriptalk Station PC GUI Software

5.2.2 Hardware Requirements

- PC with USB / COM port
- Scriptalk Station USB enabled with Accessories

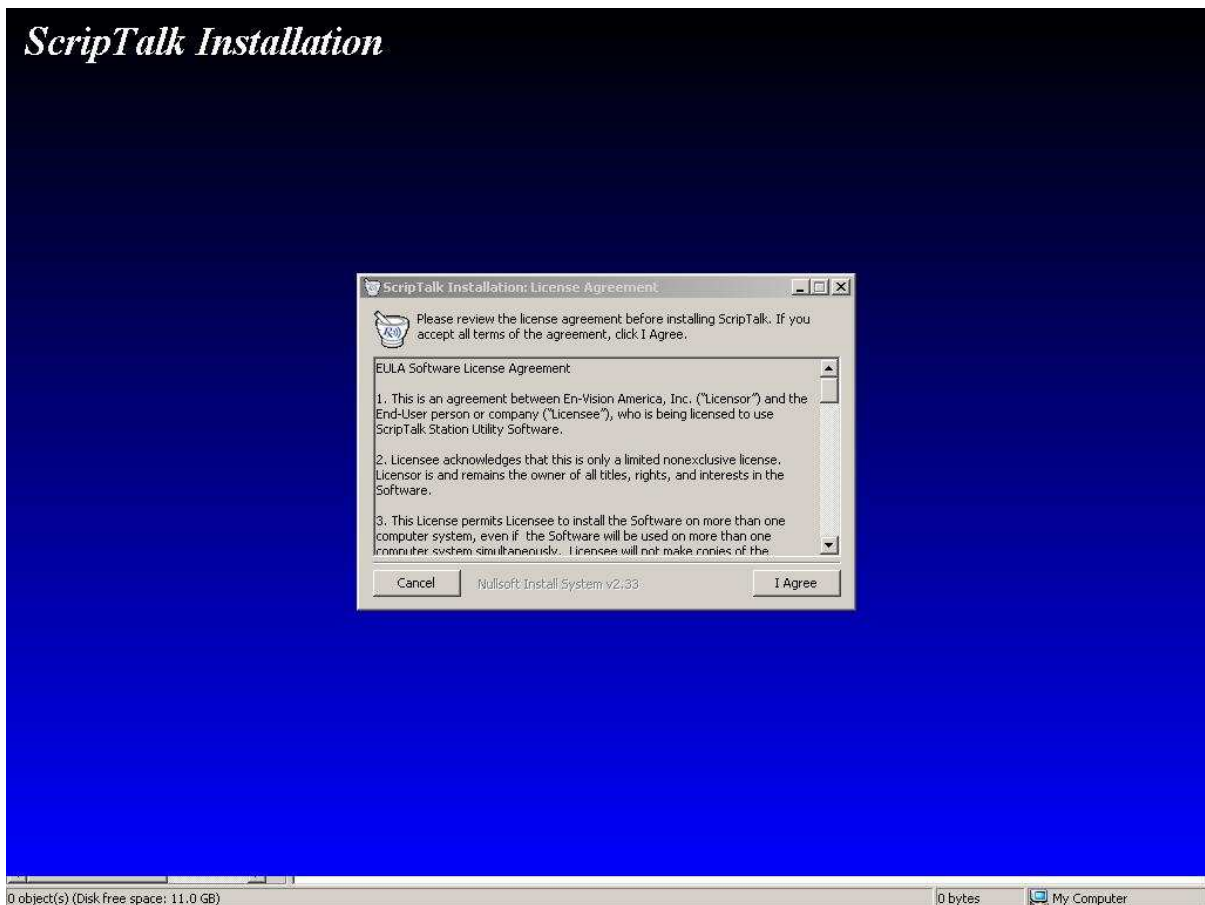
- USB Cable (USB A to Miniature B)

6 Installation Guidelines

The installation setup file "ScriptTalk Installation Setup.exe" is to install

1. The files to use the Scripttalk Station PC GUI Software
2. The driver installation for Pololu adapter

By starting the application the user will get the agreement screen



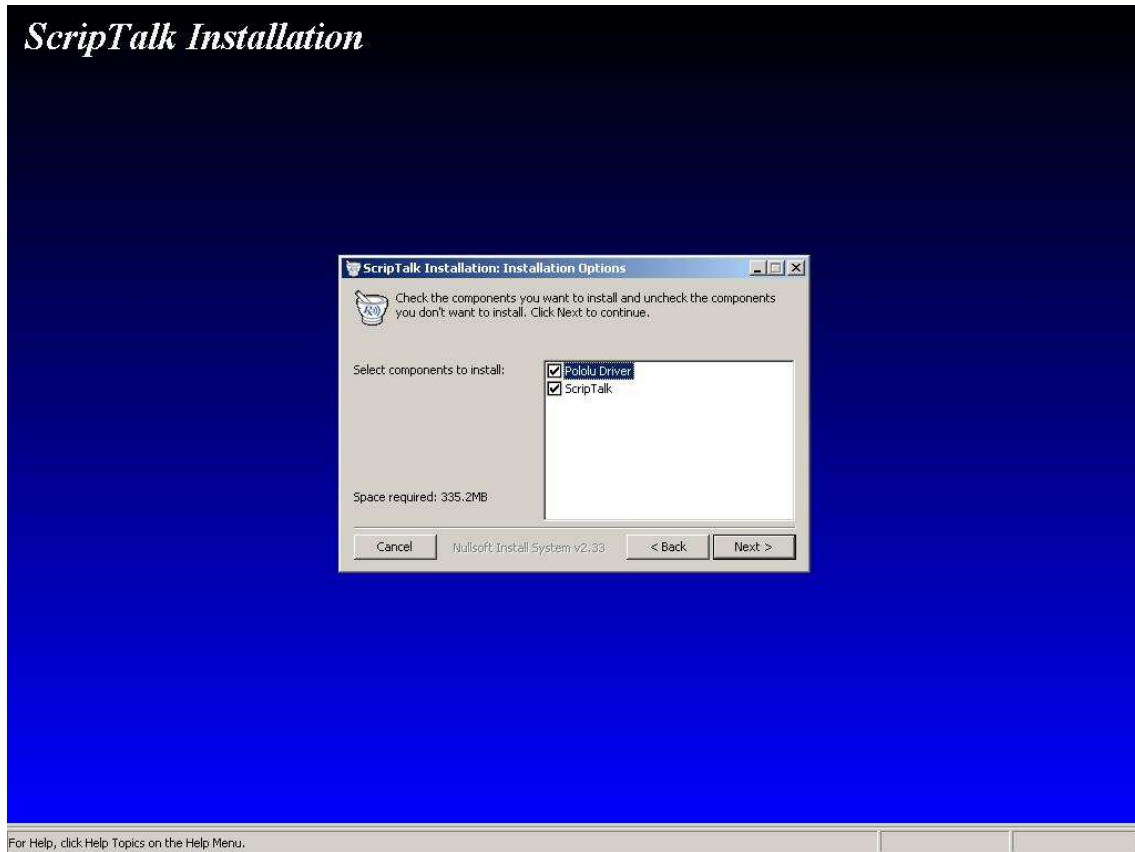
On clicking '**cancel**', user can exit the installation. On accepting the agreement, the user can click the '**I Agree**' button to continue the installation.

There will be two options in the components list. The user can select the components based on the requirement.

By clicking on the item, a component installation can be enabled / disabled.

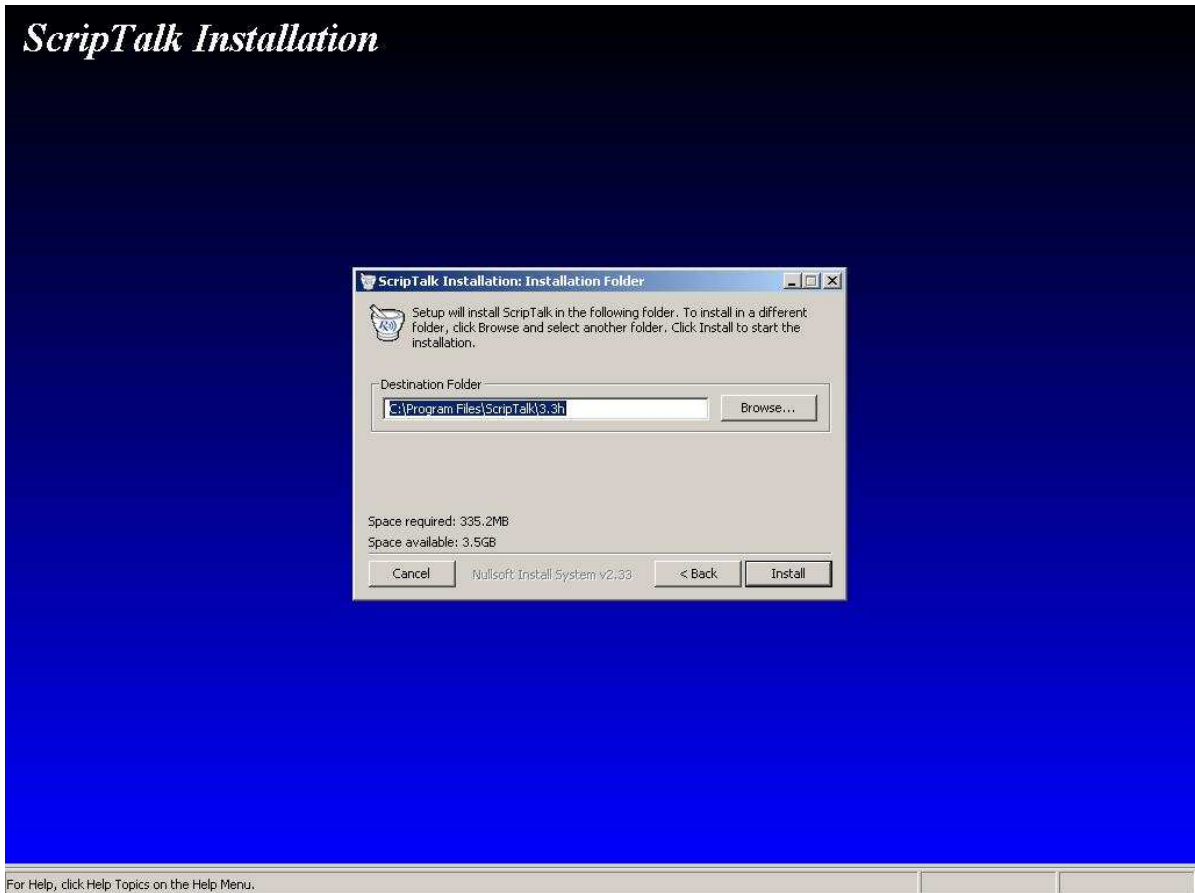
There is a '**Space required**' required field that gives the information about the disk space required to install the selected components.

ScripTalk Installation



On pressing 'Next' button, the following window will be displayed.

ScripTalk Installation



For Help, click Help Topics on the Help Menu.

The default path of installation will be "C:\Program Files\Scriptalk". For providing a different path click the '**Browse**' button and select a new path.

On clicking the Install button, the selected components will be installed.

If the Pololu driver installation selected, and if pololu is already installed, the following dialog is displayed.



If Pololu is not already installed, then it will show the following dialog



On clicking 'Install', it will install the drivers and the following dialog will be shown.



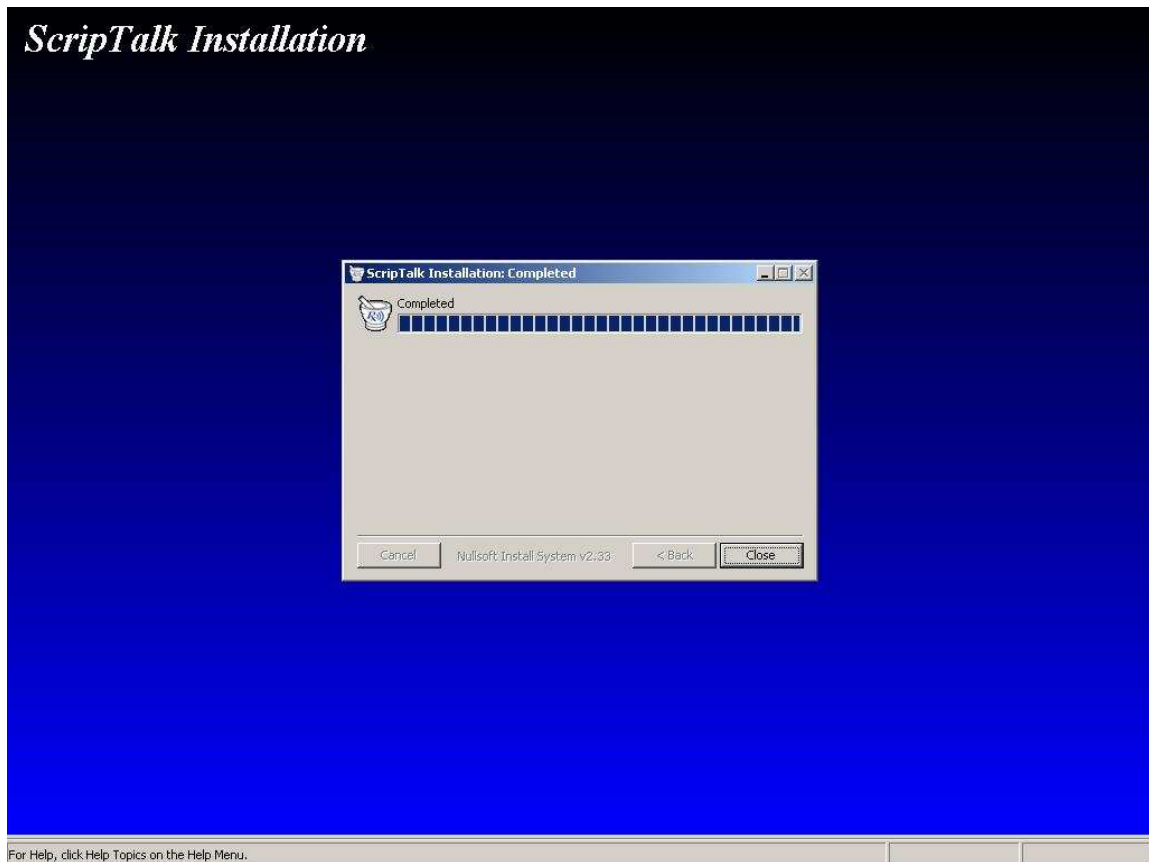
On clicking OK, the setup program will continue the installation.

Note: Further information regarding the Pololu driver installation can be found at <http://www.pololu.com/products/pololu/0391/>

The Install Driver dialog will not be shown if the user didn't select the Pololu Driver component from the Choose Components dialog. In this case, the setup will install only the software application.

On successful installation, the user will see the Installation Complete dialog.

ScripTalk Installation

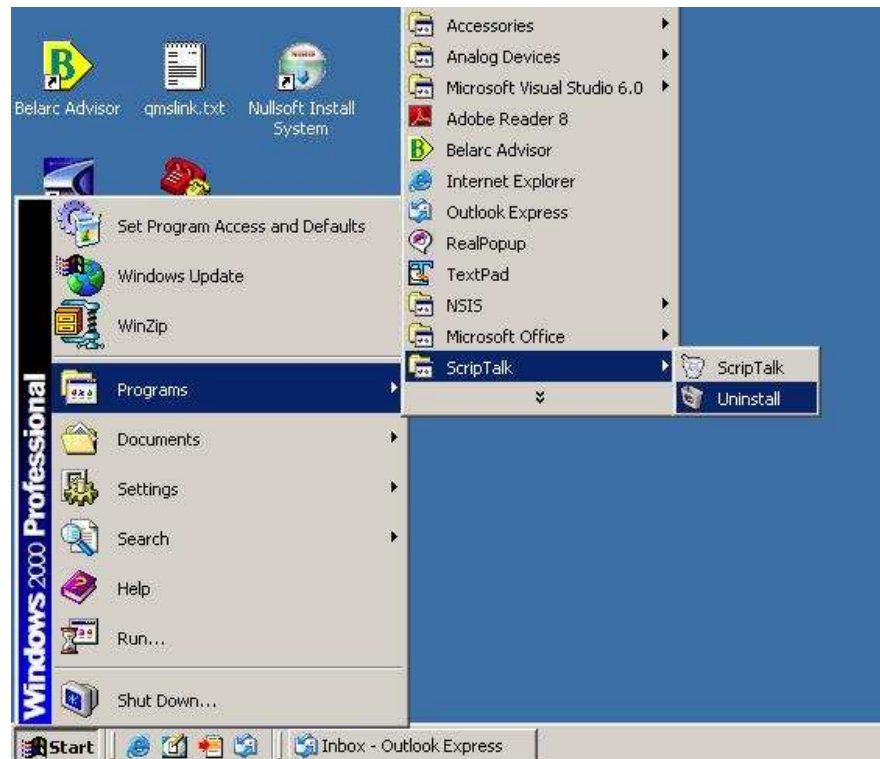


On clicking the **'Close'** button, the dialog will disappear.

7 Uninstallation Guidelines

The Scriptalk Station PC GUI software can be un-installed in two ways.

1. On selecting the Uninstall from the start menu programs of Scriptalk.
Start->Programs->ScripTalk->Uninstall.
Also refer the screen shot as shown below



2. With the help of Add/Remove Programs, Scriptalk PC GUI can be uninstalled. Perform the step as described below.
Start->Settings->Control Panel->Add/Remove Programs
Under Add/Remove Programs select ScripTalk PC_GUI and click on Change/Remove Button.

8 Limitations

Limitations of Scriptalk Station PC GUI software are listed below

1. The data base file (contains NDC and Warning IDs) should be named as **ScriptalkDB.mdb** and this file should be in the current path from where the executable is running.
2. The '**ScripTalk_Station_UserManual.pdf**' and '**ScripTalk_Update.txt**' should be placed in the current path from where the executable is running to open it on pressing Help menu.
3. '**UpdateVersions**' is the folder name the application expects in the current folder for update reader version sub-folders.
4. The GUI can allow the user to only download the following specific files if those are under UpdateVersions.
 - batteryPrompt.dat
 - prompt.dat
 - monograph.dat
 - ScripTalk_Config.dat
 - NDC2MONO.dat
 - SCRIPTALK.Idr
 - DOWNLOAD_APP.Idr
 - NFCAbort.raw
 - NFCCompleted.raw
 - NFCNoFile.raw
 - NFCAway.raw
 - Any files with the .bdc extension
 - Any files with the .dat extension
 - Any files with the .rul extension
 - Any files with the .raw extension
5. '**Labels**' is the folder name the application expects to maintain the labels for programming.

9 GUI behaviors

9.1 Behaviors of the keys

Keys provided	Behavior
Ctrl + A	Select all.
Shift + Home	Select all. Key provided only for text display. For fields display it is blocked.
Ctrl + V	Paste the clipboard content.
Ctrl + C	Copy the selected text.
Ctrl + X	Cut the selected text.
Delete	Delete the selected text if some text is selected. If there is no selected text then it will delete a character, which is after the cursor position.
Ctrl + Z	Undo the last change happened in the control where the focus is.
Backspace	Delete the selected text if some text is selected. If there is no selected text then it will delete a character, which is before the cursor position.

9.2 Other behaviors

- The target/reader will voice out before downloading if the battery supply is applied, "**Entering into download mode when the External Power is not applied may result in unexpected result.**" Prefer to power adapter or use fresh batteries (fully charged batteries) for downloading.
- On Card programming, after showing progress dialog, if the target is not in the position to update the positive or negative acknowledgement to the host due to some unavoidable reason then, there will not be any error messages from the ScripTalk GUI. The user can close the progress window by clicking on the Close button on the title bar of the progress dialog, if the user found that the target is hanging.
- In case "**Span over multiple labels**" is not selected when the characters typed in the field(s) /text mode reached the maximum limit, the Characters Remaining field becomes Red and it displays a negative value.
- If "**Span over multiple labels**" data valid for a maximum of 10 tags is allowed.
- The GUI sends the ScripTalk_Config.dat as the last file if it presets. If file is not available, the GUI shows the following warning message about the unavailability of the file. Even if the user didn't select the file

ScripTalk_Config.dat, the GUI automatically sends the file with other files for each transfer session.



10 How to use PC GUI software

Once the initial setup of Scriptalk Station PC GUI Software is ready, the user can start the software,

1. By double left click on the icon
- Or
2. By pressing right click on the icon and click on Open.

10.1 Tabs

Scriptalk Station PC GUI Software has three main Tabs in the GUI screen

1. Program Label
2. Update Reader
3. Dictionary

10.1.1 Program Label Tab

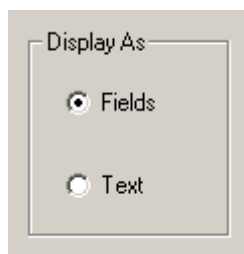
10.1.1.1 Label Size

Program Label tab has three types of Label Sizes - 2K, 10K and 32K.
The default Label Size is 32K.



10.1.1.2 Display As

Program Label tab has two types of displays: Fields display and Text display.
The default display type is Fields.



If the Display type is Fields then there are individual labels for each field.

ScripTalk Station Pharmacy Application

File View Help

Program Label | Update Reader | Dictionary

Label Size
 2 K
 10 K
 32 K

Display As
 Fields
 Text

Number of Labels: 1

ScripTalk STATION

Files to Program
1234.lbl

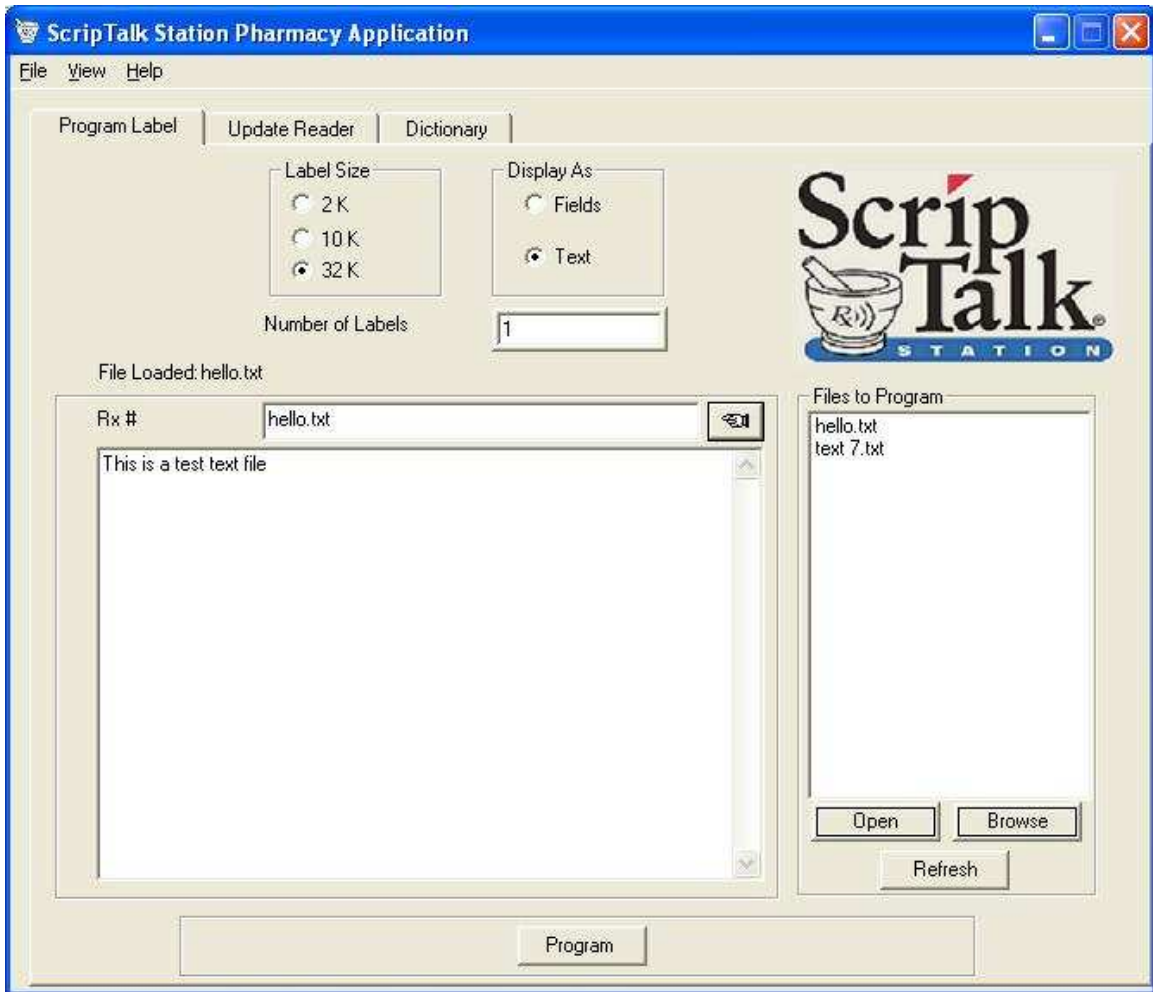
Open Browse Refresh

File Loaded:

Rx #
Patient
Drug Name
Instructions
Date: 5/ 9/2008
Refills Remaining
Doctor
Phone
NDC # Set NDC
Warnings Set Warnings
Other

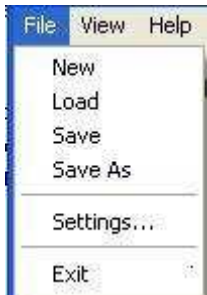
Program

For the Display type Text there is a text box for the label content



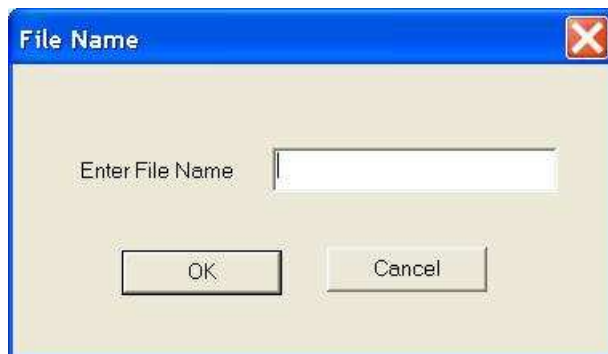
10.1.1.3 File - Menu

The top menu 'File' contains options 'New', 'Load', 'Save', 'Settings' and 'Exit'.



10.1.1.3.1 New

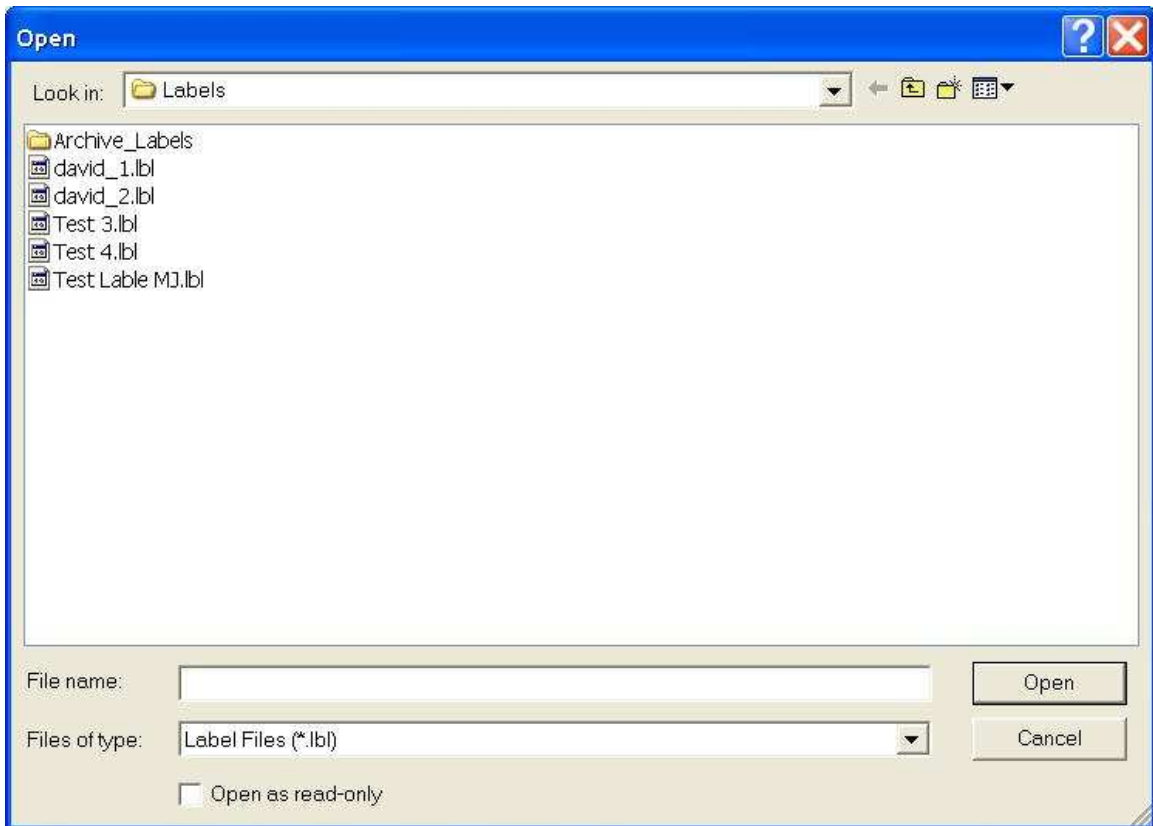
- Clear the field values, if the Display type is Fields.
- Clears the text box, if the Display type is Text.
- Displays the file name window to accept the new file name



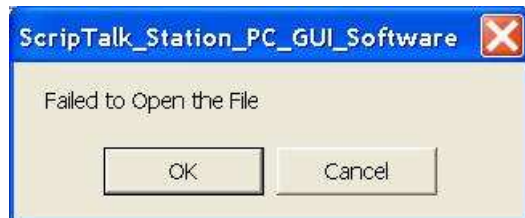
10.1.1.3.2 Load

- Displays the file Open dialog. It allows the user to browse a .lbl file and load its content in the fields, if the Display type is Fields.

To Load a file, user has to select the file to be loaded and click 'Open'.



It will display the following message if file is not selected.



The loaded file name is displayed next to the File Loaded as shown in the screen shot

ScripTalk Station Pharmacy Application

File View Help

Program Label | Update Reader | Dictionary

Label Size
 2 K
 10 K
 32 K

Display As
 Fields
 Text

Characters Remaining: 3873

File Loaded:

Rx #: 1234

Patient: Michael Jackson

Drug Name: Amoxicillin 250MG Tablets

Instructions: Take 1 tablet after food

Date: 5/21/2008

Refills Remaining: 4

Doctor: Billy Jean

Phone: 1(800)890-1180

NDC #: 00002036302 Set NDC


Warnings: 0001 0045 0008 0062 0066 Set Warnings

Other:

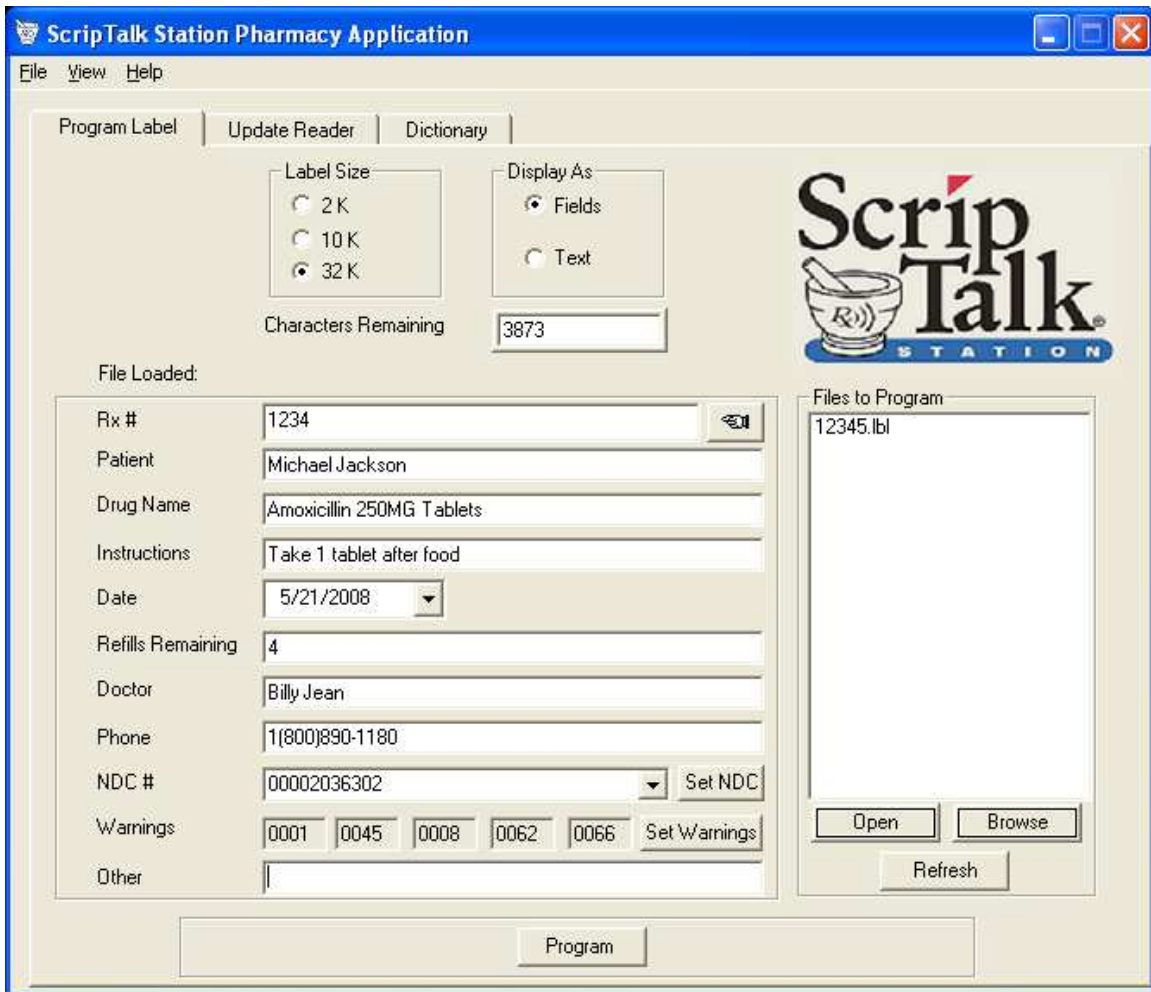
Files to Program: 12345.lbl

Open Browse Refresh

Program

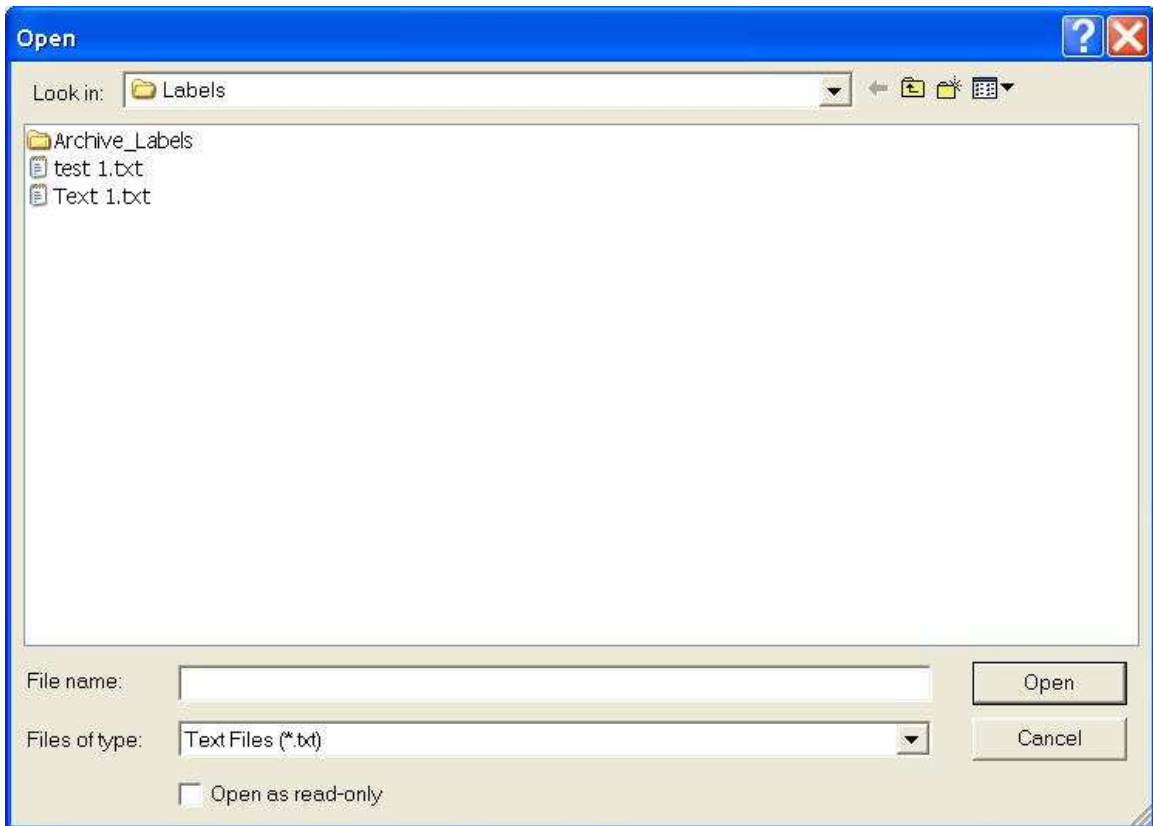


The same functionality of loading the file can be achieved by selecting the file from the list under the Files to Program and then click on 'Open' button as shown in the screen shot below.

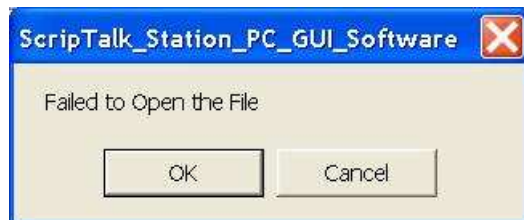


If display as is Text, on File→Load, displays the file Open dialog. It allows the user to browse and select a .txt file and load its content in the text box, if the Display type is Text.

To Load a file, user has to select the file to be loaded and click 'Open'.

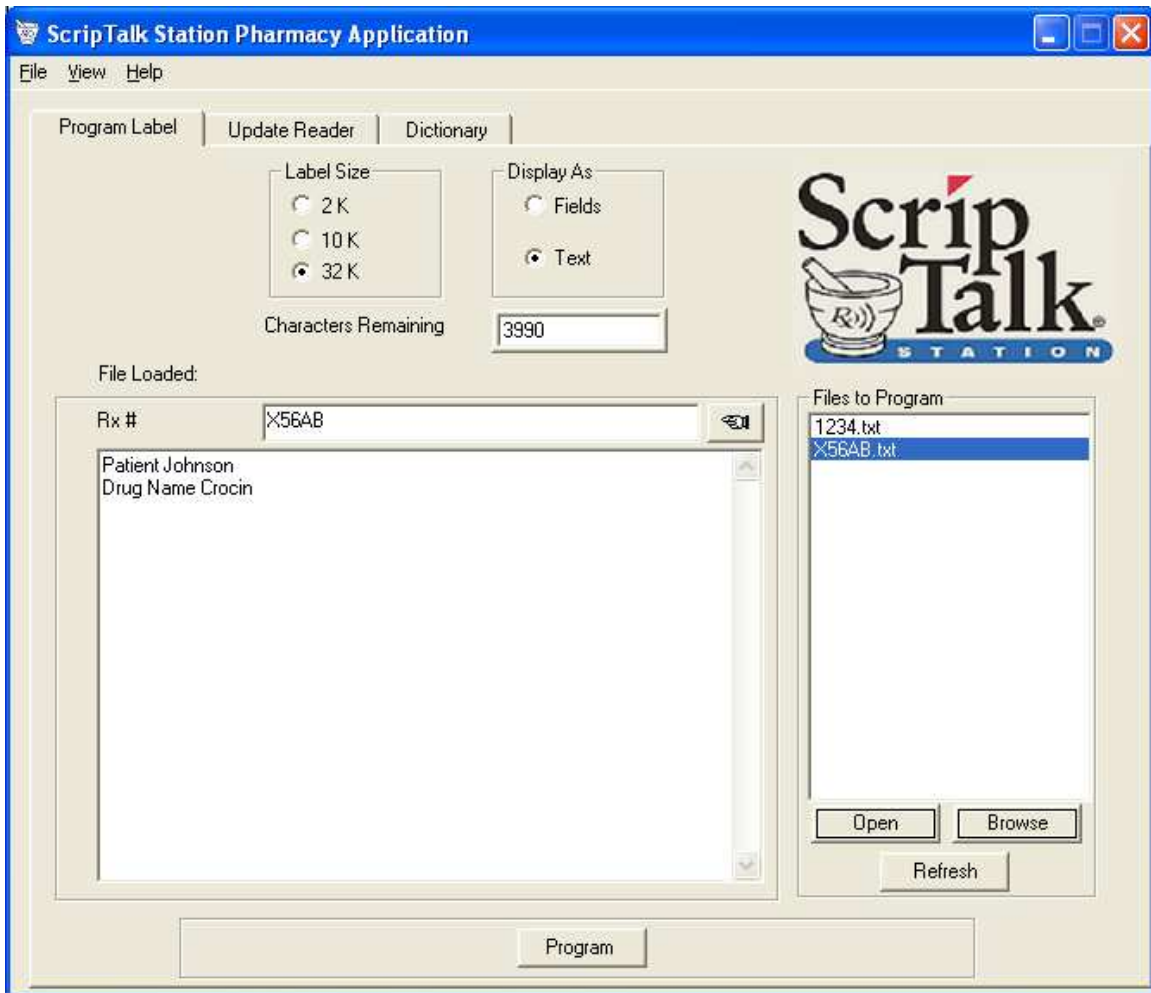


It will display the following message if file is not selected



The loaded file name is displayed next to the File Loaded as shown in the screen shot below.

The same functionality of loading the file can be achieved by selecting the file from the list under the Files to Program and then click on 'Open' button as shown in the screen shot below.



10.1.1.3.3 Save

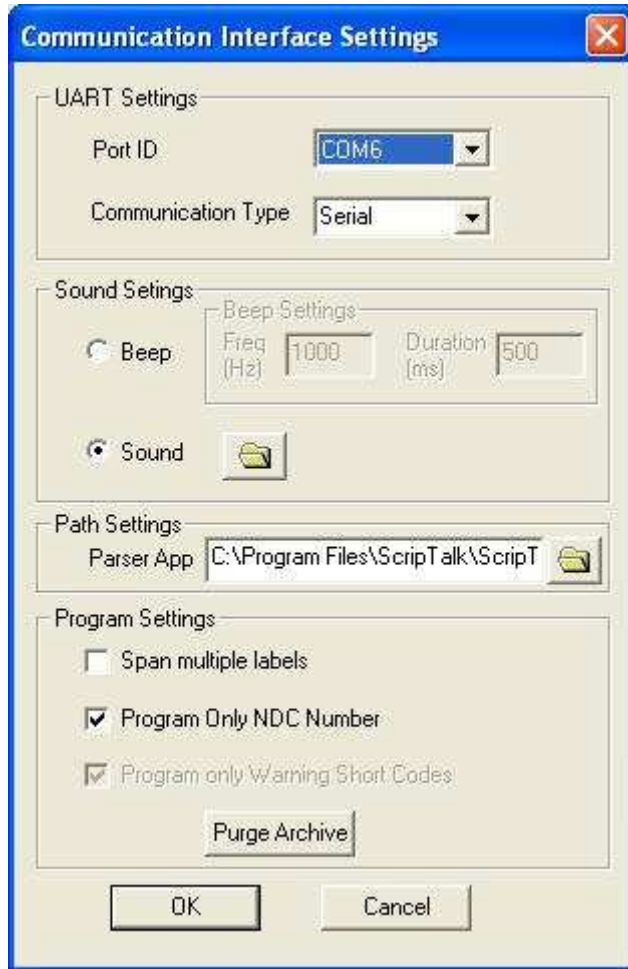
- Case 1
 - If the file name is already entered using File Name window as shown above under the New, the file gets saved in the path which has been selected by user on clicking 'Browse' button under the Files to Program group which is next to 'Open' button. Also the file gets listed in the space provided.
- Case 2
 - Displays the File Name window to enter the name of the file if the file name is not selected earlier. The file gets saved in the path which has been selected by user on clicking 'Browse' button under the Files to Program group which is next to 'Open' button. Also the file gets listed in the space provided.

10.1.1.3.4 Exit

This menu item is to close the Scriptalk Station GUI application.

10.1.1.3.5 Settings

This menu option is used to change the UART settings and the label program commands. On pressing Settings it will show a dialog contains fields to set the communication settings and few more options used while card programming.



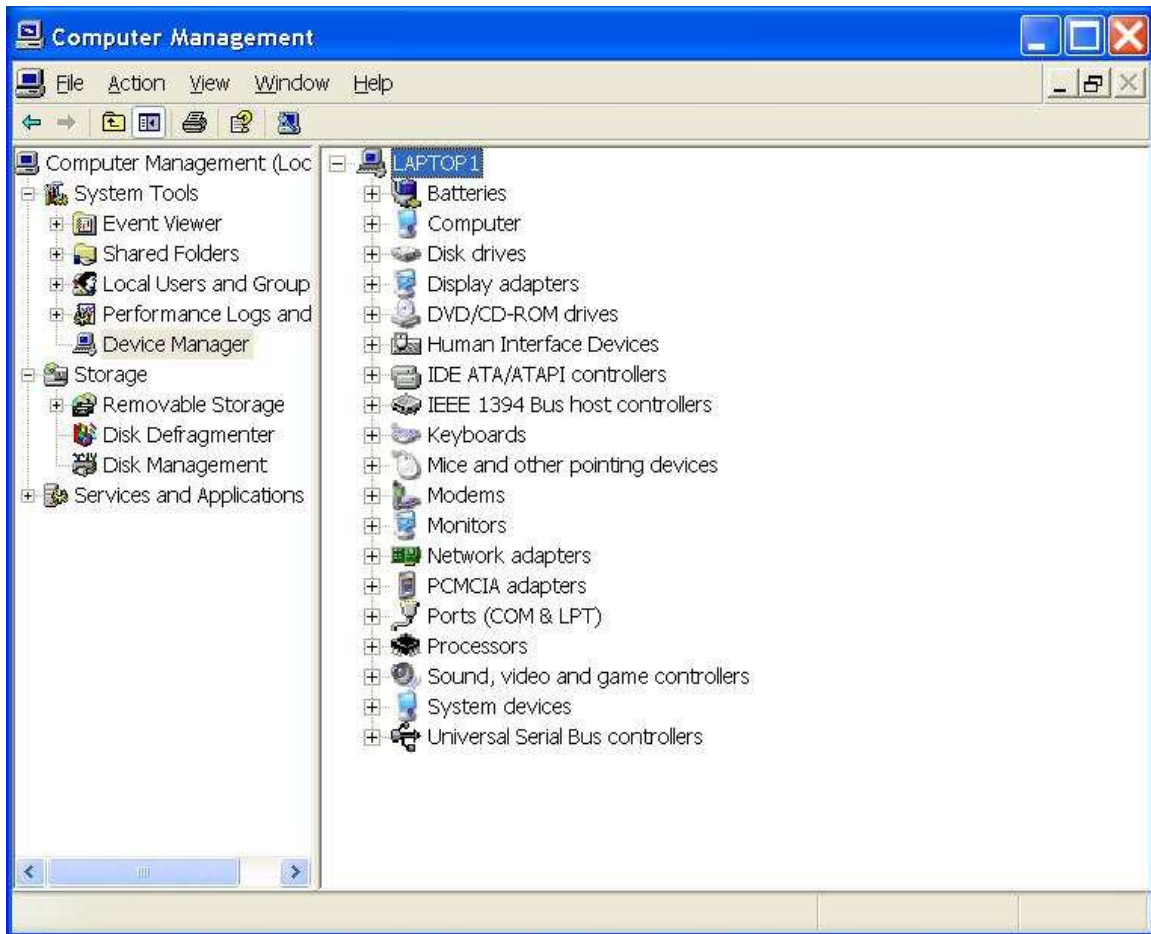
- The Port ID drop-down box contains port name from COM0 to COM255. The default port ID is COM1. The OK button is to change the UART settings with the selected values. Pressing Cancel button will retain the same UART setting values.
- The Communication Type drop-down box provides two options Serial and USB. If user selects the option Serial, then the Host application sets the communication baud rate to 115200 (RS232). If the option USB is selected then, the baud rate will be 921600 (Pololu USB Module).
- The "Program Only Warning Short Codes" option is by default greyed out and selected. To unselect, the button can be enabled by modifying the value of ENABLE_SHORT_CODES in the st_com_port file. The default value is FALSE. To enable, change the value to TRUE.

Identification of Port ID in case of Communication Type is USB:

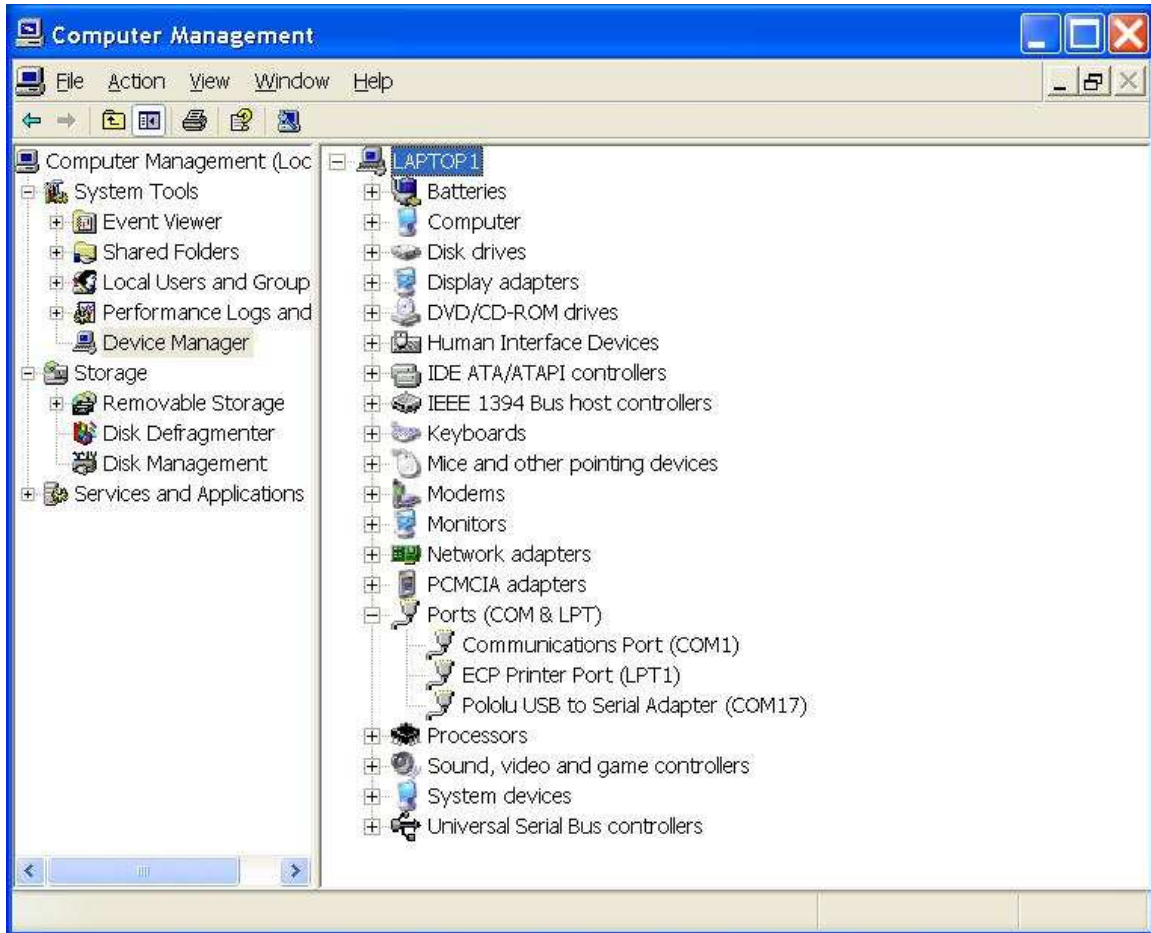
1. Right Click on My Computer and Select Manage as shown in screen shot below.



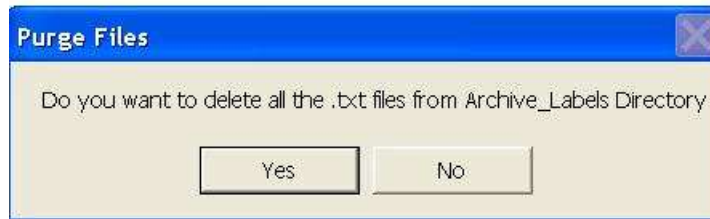
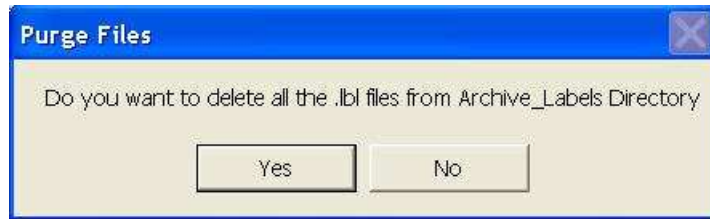
2. This opens the window - Computer Management. Select the option Device Manager on the left pane as shown in screen shot below.



3. Expand the Ports (COM & LPT) on the right pane as shown in screen shot below.



4. Select the Com port number which is beside the text – e.g. Pololu USB to Serial Adapter (COM17) in the Communication Interface Settings dialog as shown above.
 - Span multiple labels → this option is used to enable the feature of card programmability over multiple cards.
 - Program Only NDC Number → This option is used to either program NDC numbers or data. If this option is clicked NDC number will be programmed else NDC data will be programmed.
 - Program Only Warning Short Codes → This option is used to either program Warning numbers or actual text. If this option is clicked Warning number will be programmed else warning data will be programmed.
 - Purge → This will purge (delete) the *.lbl and *.txt files from the archived labels folder. This folder will be placed under the 'Labels' folder. Before purging the files, confirmation window will be displayed as shown in the screen shot below.



10.1.1.4 View – Menu

This menu contains 'Label', 'Reader' and 'Dictionary'.



10.1.1.4.1 Label

On selection of 'Label', 'Program Label' tab window will be displayed. Same can be achieved by using key functionality. Press Alt + V simultaneously and then press 'L' key.

10.1.1.4.2 Reader

On selection of 'Reader', 'Update Reader' tab window will be displayed. Same can be achieved by using key functionality. Press Alt + V simultaneously and then press 'R' key.

10.1.1.4.3 Dictionary

On selection of 'Dictionary', 'Dictionary' tab window will be displayed. Same can be achieved by using key functionality. Press Alt + V simultaneously and then press 'D' key.

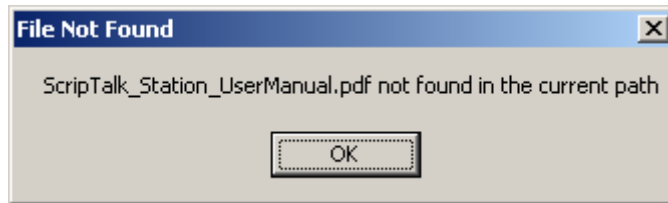
10.1.1.5 Help - Menu

The Help menu contains 'Help', 'About', 'Update' and 'View Dictionary'.



10.1.1.5.1 Help

Pressing Help menu will open the ScripTalk_Station_UserManual.pdf from the current path from where the software application started. If the file ScripTalk_Station_UserManual.pdf doesn't exist in the expected path then it will throw the following error dialog



10.1.1.5.2 About

This menu item press will show the information about the software in a dialog.



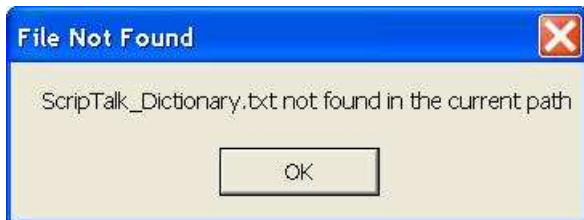
10.1.1.5.3 Update

This will take the web site address from the file ScripTalk_Update.txt from the current path. If the file ScripTalk_Update.txt doesn't exist in the current path then it will throw the following error dialog.

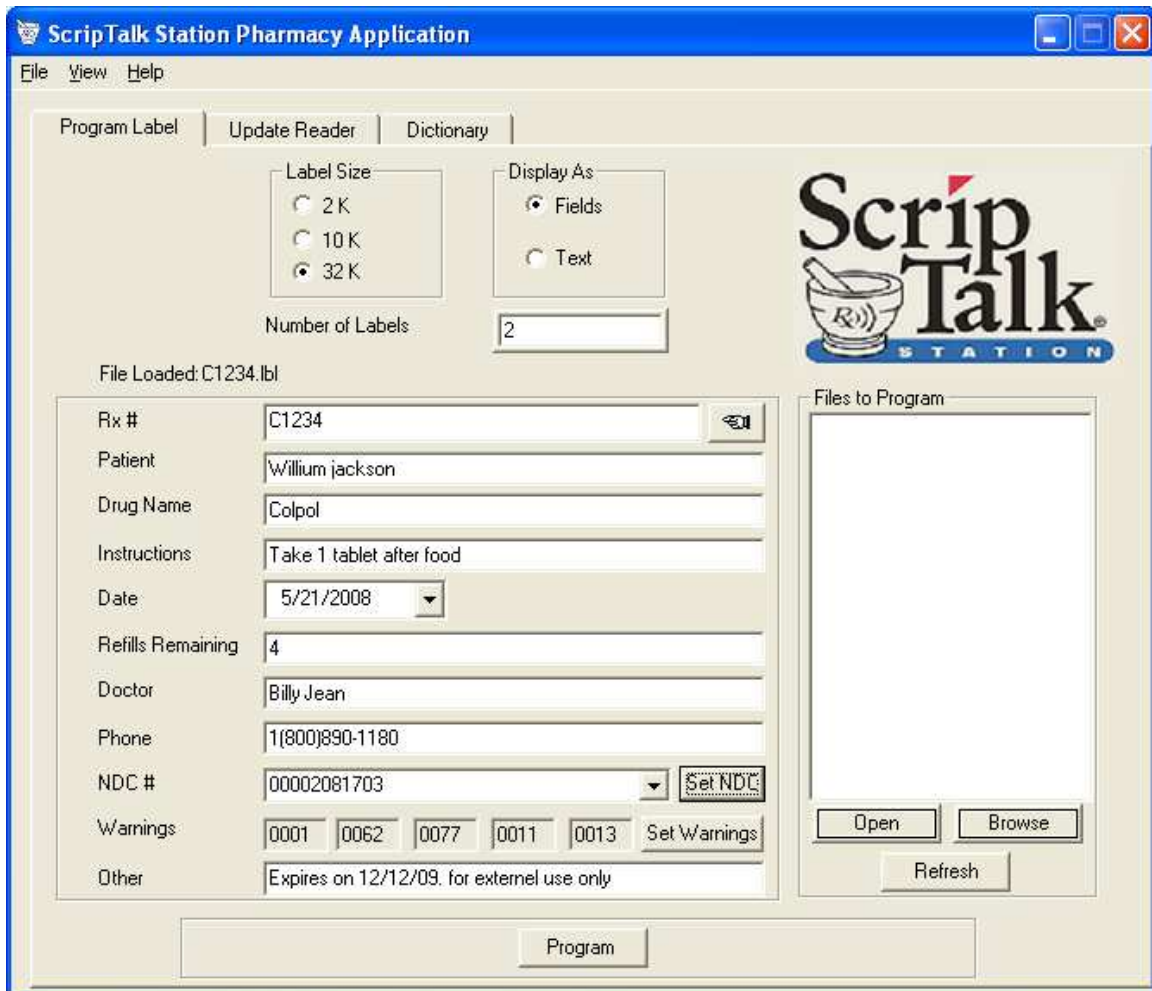


10.1.1.5.4 View Dictionary

Pressing View Dictionary menu will open the ScripTalk_Dictionary.txt from the current path from where the software application started. If the file ScripTalk_Dictionary.txt doesn't exist in the expected path then it will throw the following error dialog

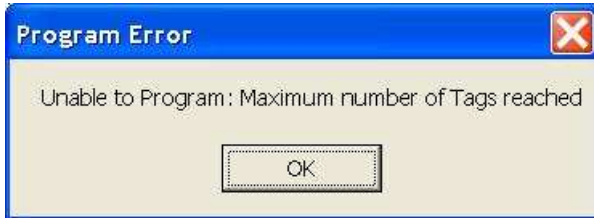


10.1.1.5.5 Number of Labels Req



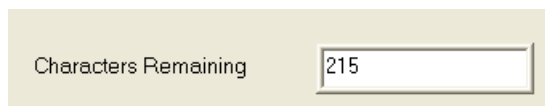
This is a non-editable field that shows the number of labels required to program the data. The PC GUI calculates the number of labels required depending on the label size. The value of the field will be calculated on each character change of fields and

text boxes. If the data exceeds the 10 tags, then the Number of Labels Req will turn to Red.



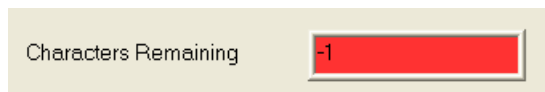
If the user tries to program the data, then the ScripTalk application will show the above dialog to alert the user and will not proceed with programming.

10.1.1.6 Characters Remaining



This is a non-editable field that shows the number of characters remaining after compression. The maximum number of characters is based on the Label Size.

The value of the field will be calculated on each character change of fields and text boxes. The keys Delete and the Backspace will not check for the Characters Remaining functionality. All the other change in the fields and text boxes will check for the Characters Remaining.

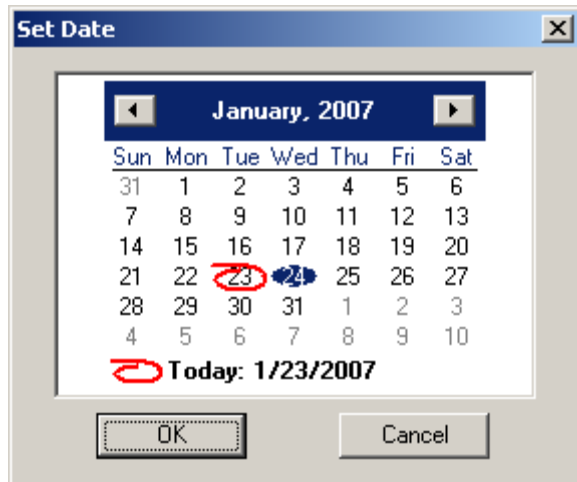


On reaching the maximum limit, the Character Remaining field will turn to Red for the alert indication and it shows a negative value as shown in the above screen shot.

10.1.1.7 Date field

On clicking the below button next to Date field displays a dialog from which the date can be chosen.





The red circle indicates the current system date. To change the date, the user has to select the date by clicking on the date and press OK. To go to the previous and next month, user can press on buttons to right and left corners.

User can also make use of left and right arrow keys with in the date field to modify the date as shown in the screen shot below.



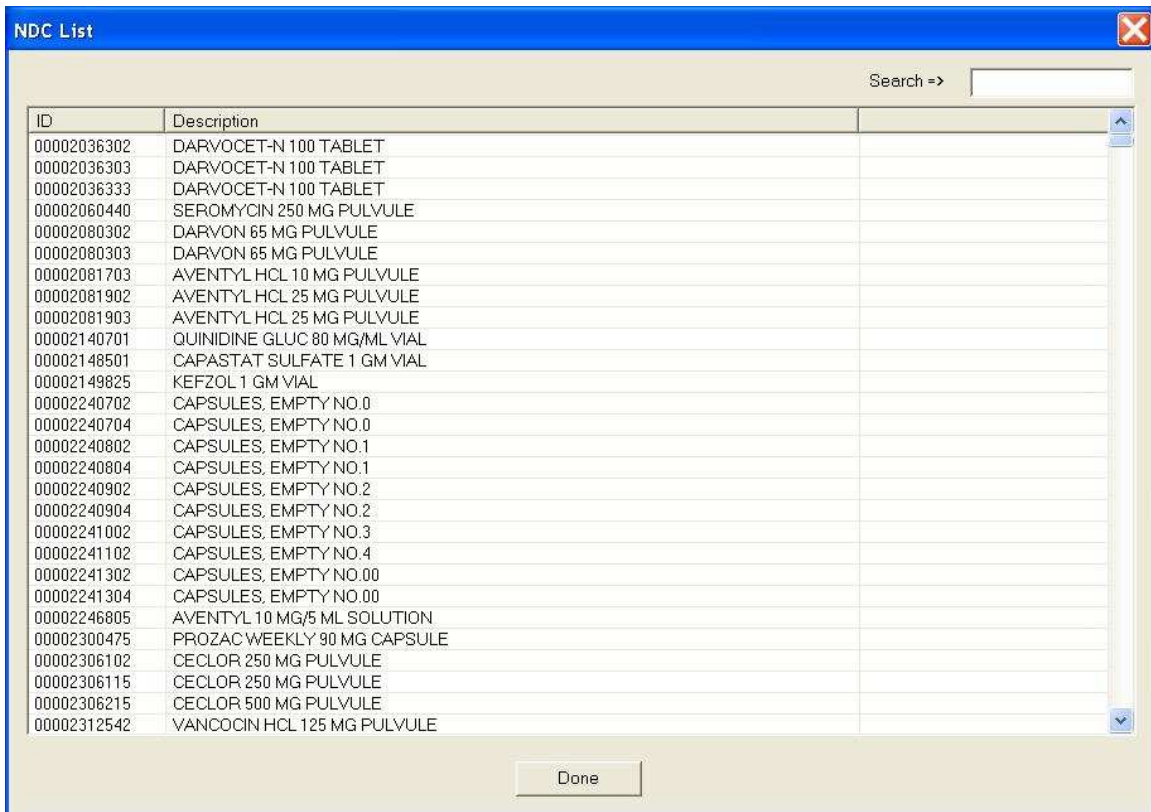
10.1.1.8 NDC field selection

The NDC value can be selected in two ways.

1. By directly selecting an NDC ID from the drop down box.
2. On clicking the 'Set NDC' button of NDC field will display a dialog that will have the NDC IDs with description. While processing the NDC database, a pop up message as shown in screen shot below will be displayed.



3. An ID can be selected by clicking on the ID entry and press "Done".

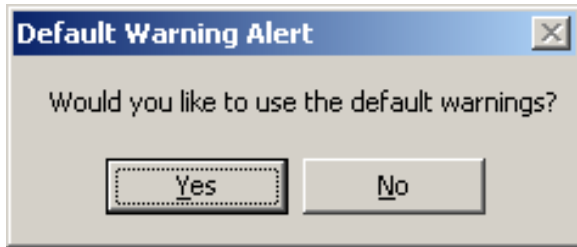


The field Search will search for a field starting with the value given, and highlight the first occurrence of found ID. The searching of ID and highlighting will be done for each change of character typed in the Search field.

If any of the warning field is not edited when selecting an NDC ID then the selection of NDC ID will fill the warning fields with the associated warning IDs.

Note: If Program Only NDC Numbers is not selected, NDC data will be programmed to Tag.

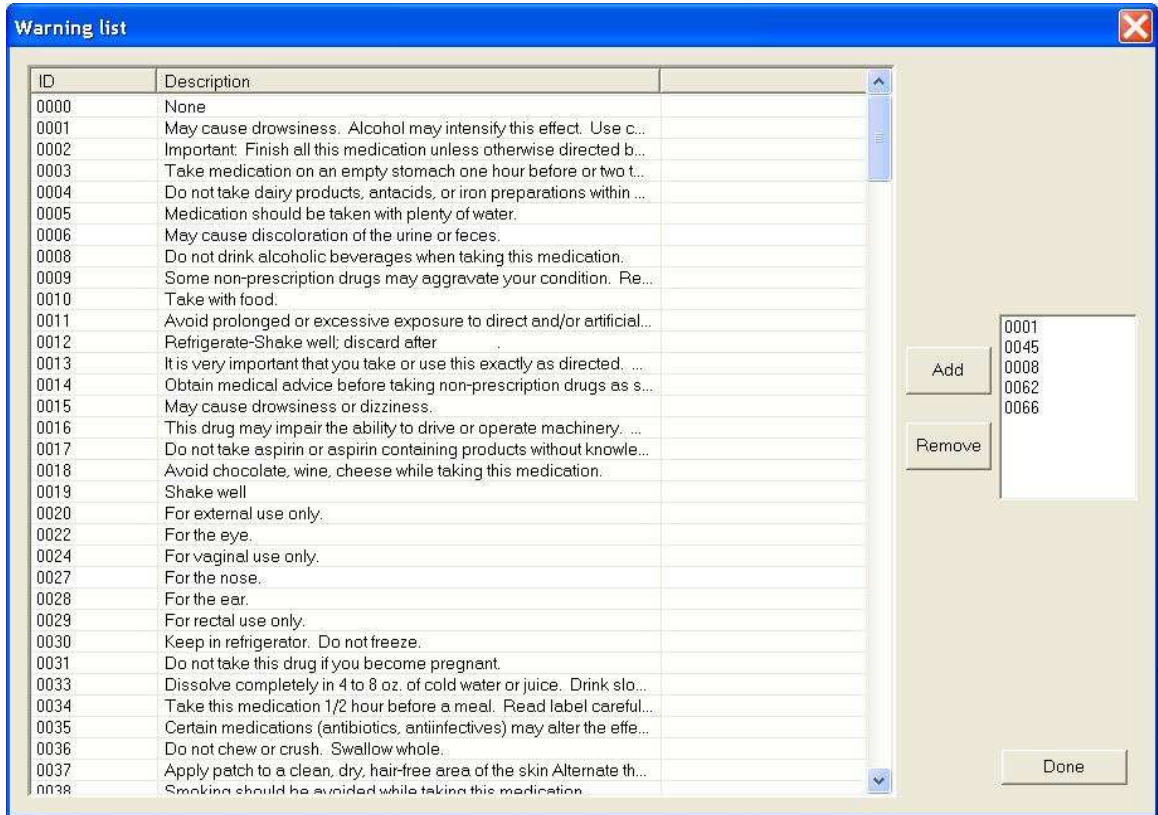
If any of the warning field is edited after selecting an NDC ID then an alert message will be shown to the user.



Selecting "Yes" will overwrite the warning fields by the warning IDs associated with the selected NDC ID. Selecting "No" will not affect the warning fields.

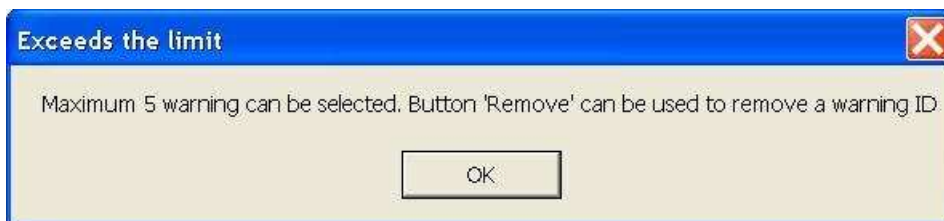
10.1.1.9 Warning field selection

The Program Label tab has five non-editable warning fields. Clicking on the button 'Set Warnings' of Warning field will display a dialog that will have the IDs with description.



The user can select an ID by clicking on the ID entry and click 'Add' button that will add the ID to the list box. At the max, 5 warnings can be selected.

When more than 5 warnings are added, warning dialog message alert will be displayed as shown in the screen shot below.



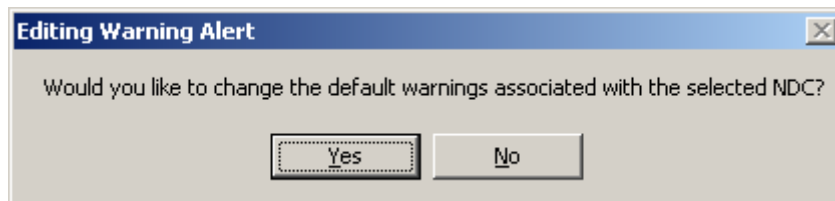
Same warning ID can not be selected more than once. When the warnings are added / removed, corresponding message will be displayed as shown in the screen shot below.



With the use of button 'Remove' the user can remove a warning from the list. To replace a warning ID with another one, the user has to select a warning ID, press 'Add' button and add a new ID.

Note: Warning number '0000' cannot be added.

If the warning field contains some value, when opening the Warning dialog, those warnings will be displayed in the warning list. After selecting the warning IDs, on pressing Done, the Warning dialog will disappear and the selected warnings will be displayed in the warning fields. On clicking 'Set Warnings' button of Warning field, if the warning field contains default warning IDs associated with the NDC field then the following alert dialog will be displayed.

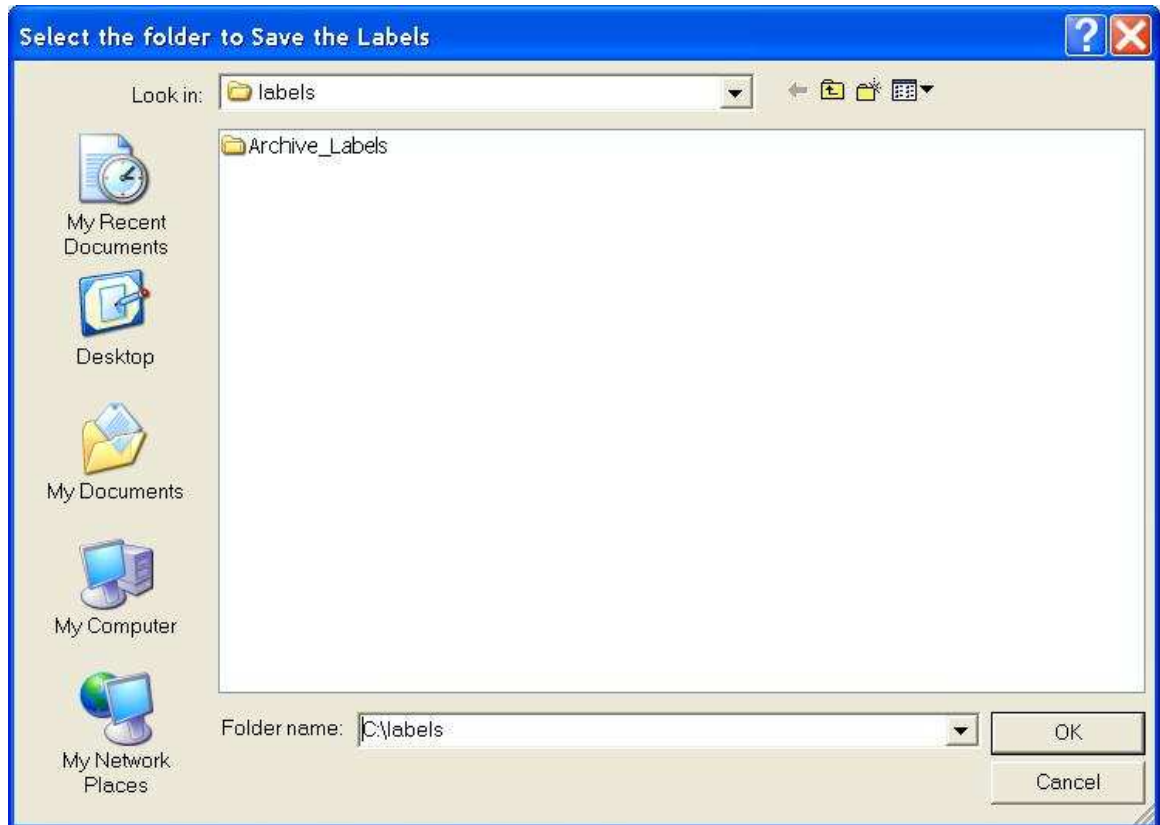


If the user selects "Yes" then the Warning Dialog will be shown and the user can choose the warnings. If the user selects "No" then that indicates that there will not be any change in the warning field values.

Note: If Program Only Warning Short Codes is not selected actual warning data will be programmed to Tag.

10.1.1.10 Browse

On clicking the 'Browse' button, 'Select the folder to save the labels' window will be displayed to set the path for maintaining the Labels. In case, the user wants to select a 'Labels' folder, other than the one available at the current path then, the Browse option can be used.

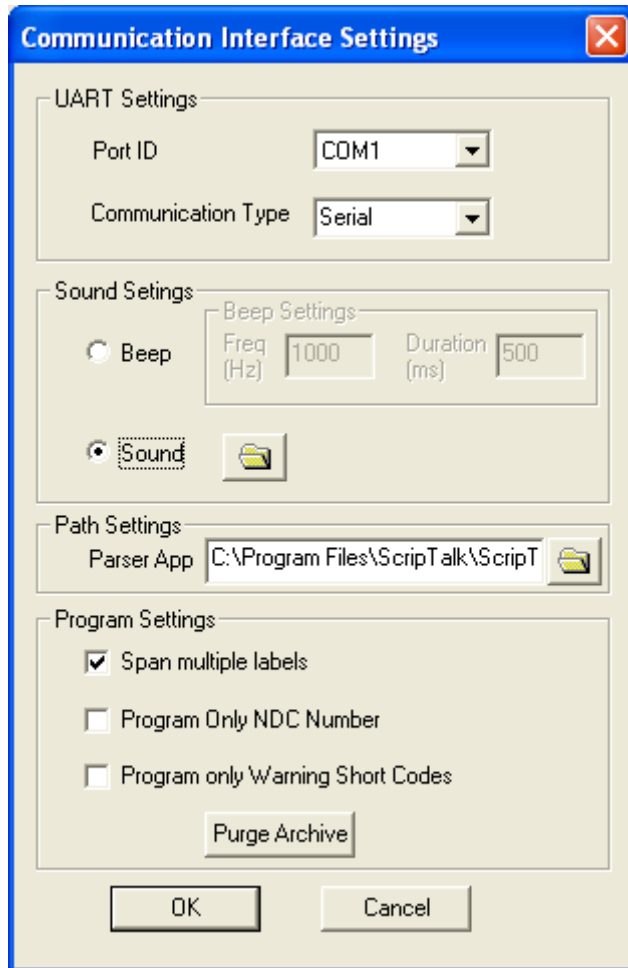


10.1.1.11 Refresh

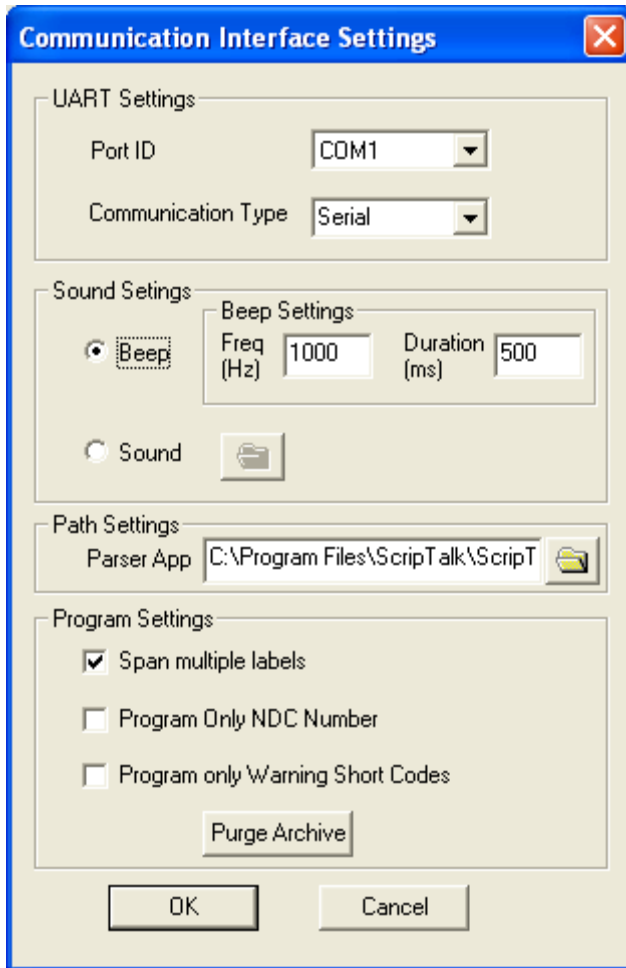
This button is used to refresh the list of files from the labels folder which will be displayed on the right hand side. This functionality is useful when the user copies the file from outside to the labels folder. On clicking this button, the new file will be listed and will be indicated by a buzzer sound.

There is also another approach for listing the files, when the files are copied from outside. In the ScripTalk_Update.txt file, an entry corresponding to REFRESH_RATE identifies the refresh timeout period. The value to be specified should be in terms of seconds. The file gets listed automatically once the timer expires and play the sound file /beep sound depends on the setting. If the timer value is zero, the files will not be listed automatically.

PC GUI will play the sound "ScripTalk_Refresh_Sound" wav file if the sound is selected under sound settings menu. The sound file can be changed by selecting browse button.



Beep option is provided under the sound setting menu and its both frequency and Duration can be changed.



10.1.1.12 Parser Application

This option is used to load either .lbl file or .txt file using RX filed number. Enter the RX number and click run button as shown in below (both field and Text mode). It will open the file which is in the name of RX number.

ScripTalk Station Pharmacy Application

File View Help

Program Label | Update Reader | Dictionary

Label Size
 2 K
 10 K
 32 K

Display As
 Fields
 Text

Number of Labels:

File Loaded: C1234.lbl

ScripTalk STATION

Files to Program
 C1234.lbl

Open Browse Refresh

Rx #

Patient

Drug Name

Instructions

Date

Refills Remaining

Doctor

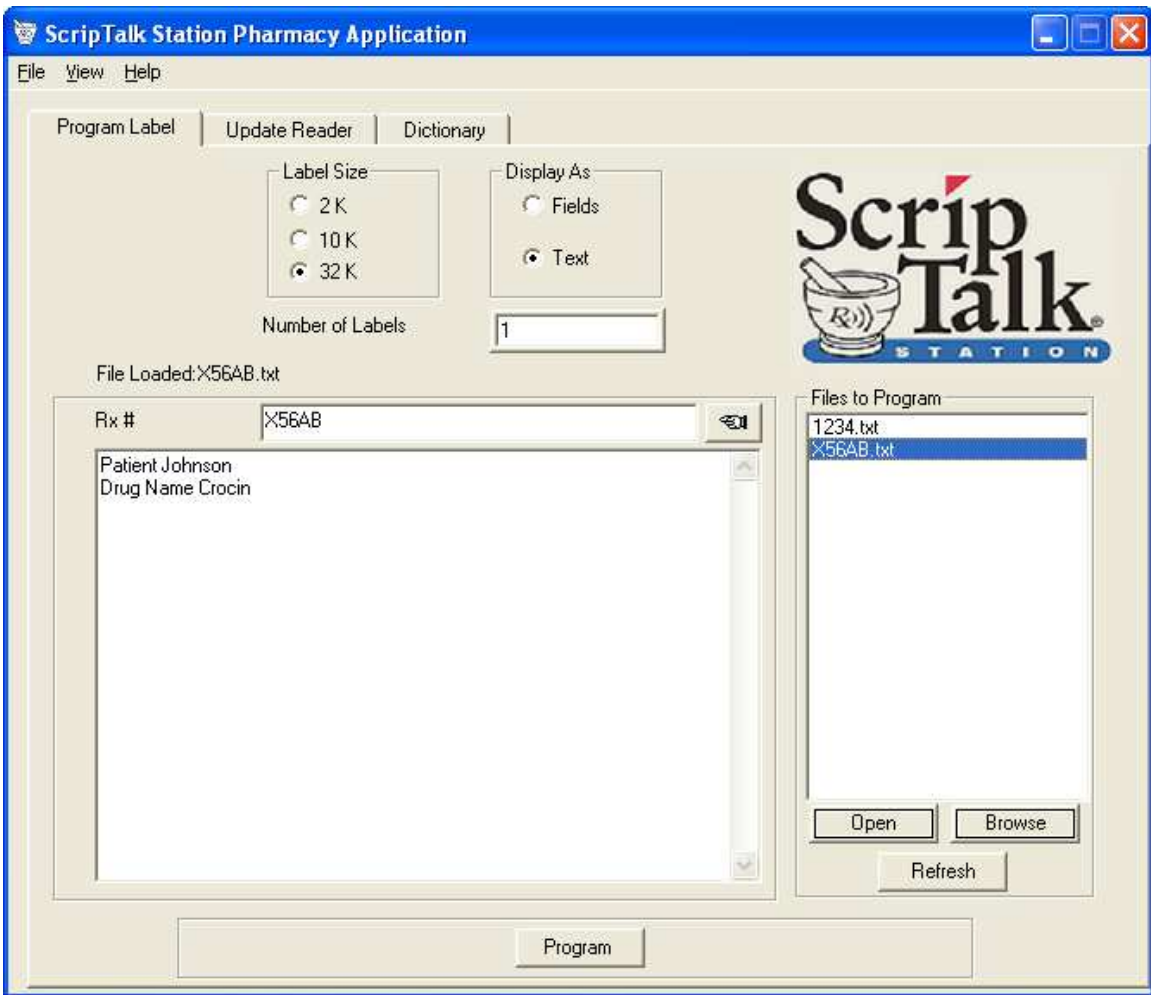
Phone

NDC # Set NDC

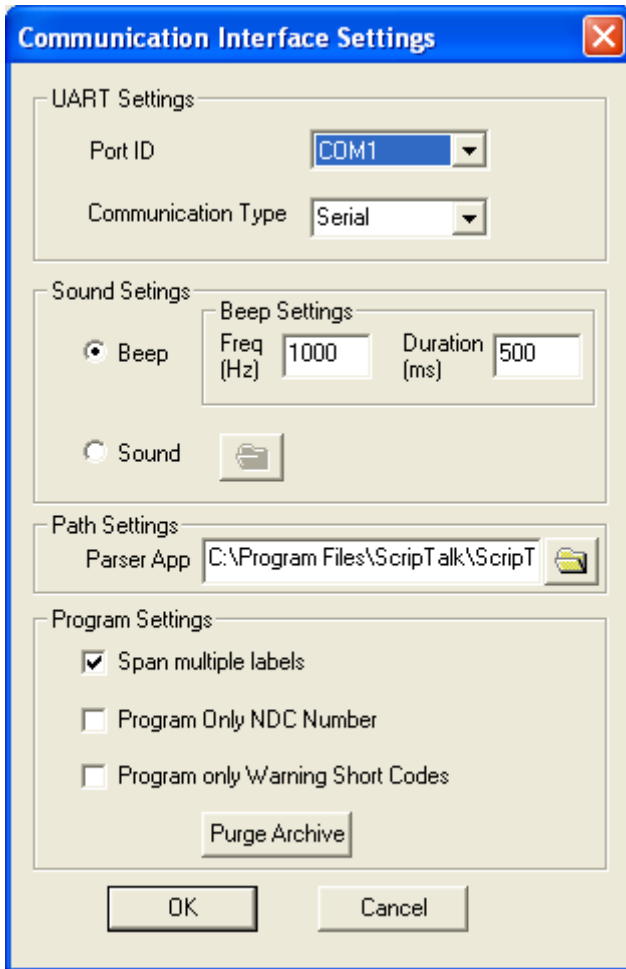
Warnings Set Warnings

Other

Program



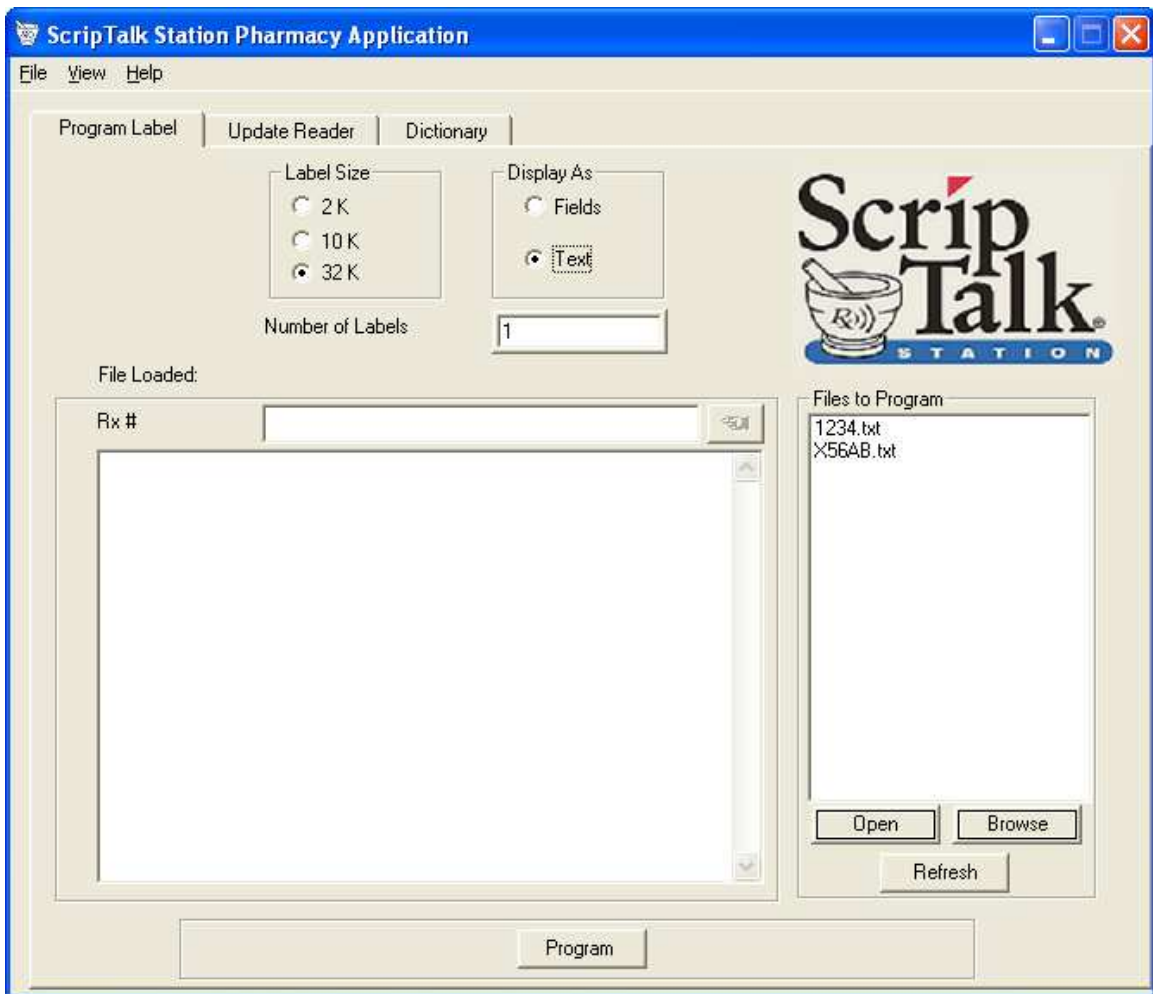
The directory path settings for parser application can be selected as shown the figure below.



If PC GUI is not finding the parser application in the selected path, It will pop-up the warning message as follows.



If the parser application is disabled in the PC GUI version, the run icon will be disabled as shown in the below figure



If the run button is selected without entering the RX number in the RX field, the PC GUI display the warning message



If the PC GUI is not finding the file name within the delay period, It will display the warning message as follows

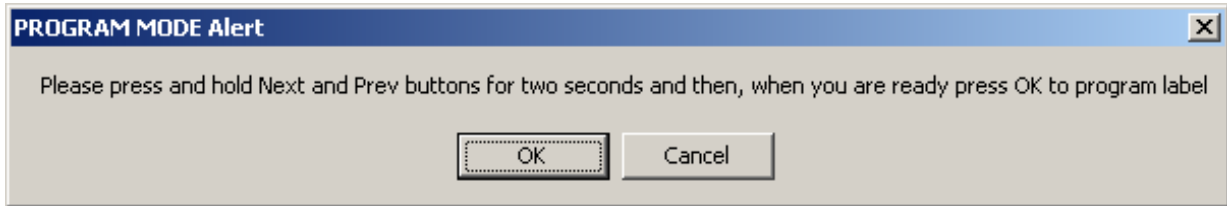


If PC GUI is not getting the proper return values expected protocol, PC GUI will display the message after the delay period.



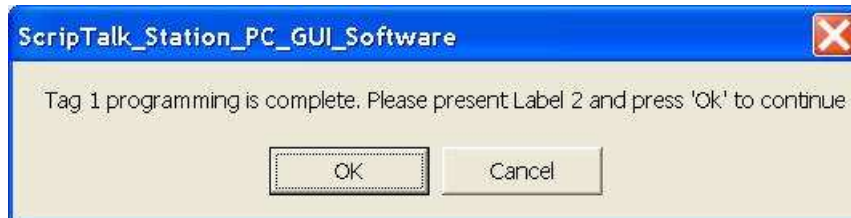
10.1.1.13 Program

On clicking the program button, the following pop-up dialog will be shown.



The card programming will not be done if the user presses the Cancel button. On pressing the OK button, it sends the tag data to the board connected for programming tag.

The following two-progress dialog will be shown in case of Span Multiple labels selected.



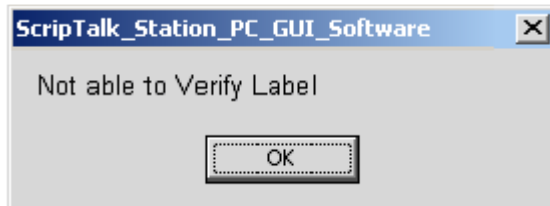
On the confirmation of board for Writing and Verifying Label, the tick mark will be shown for each progress steps. The OK button will be enabled once the final conformation of progress is received from the board. On OK button

press, the progress dialog will disappear and the control will be back to the main dialog.

The following warning dialog will be shown if the Writing Label process failed on the target



On failure of Verifying Label process, the GUI shows the following warning message.

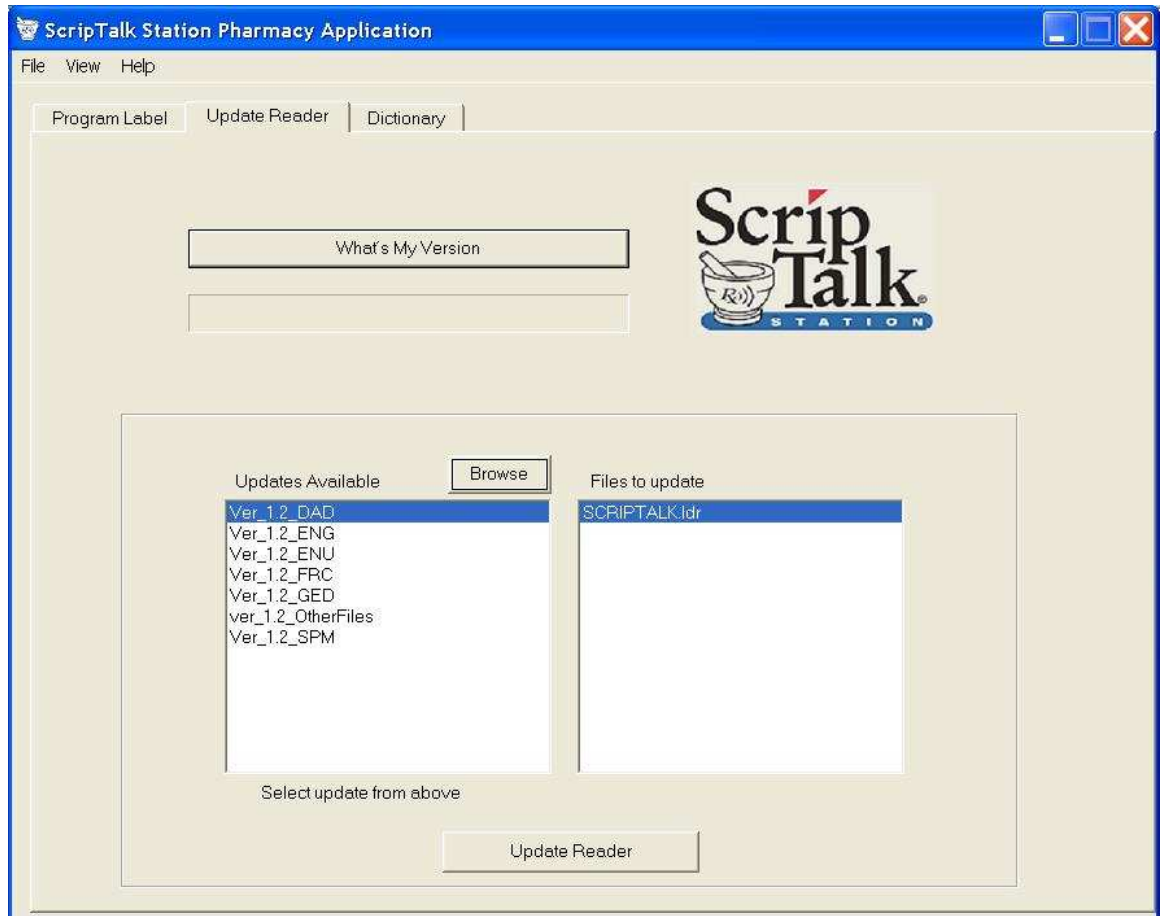


The following are the two screen shots displayed in case of programming empty data for the display type "Field" and "Text" respectively.



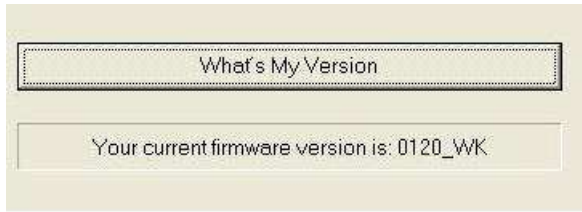
10.1.2 Update Reader Tab

The Update Reader screen will show a list of reader version folders and the files under those folders. By clicking on the item, a file can be selected or de-selected. The application picks up the version folder names from a directory "UpdateVersions" from the path which is set using 'Browse' button as described below or the default current path.

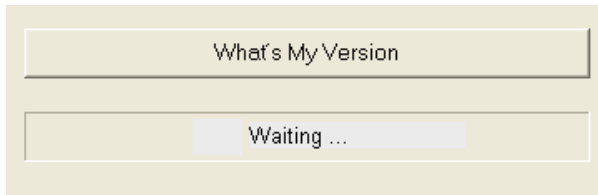


10.1.2.1 What's My Version

On clicking the button 'What's My Version', the application will communicate to the board, gets the current firmware version of the reader and shows in the appropriate label.



On waiting for the version number from the target board, the GUI shows the waiting state in the version label.



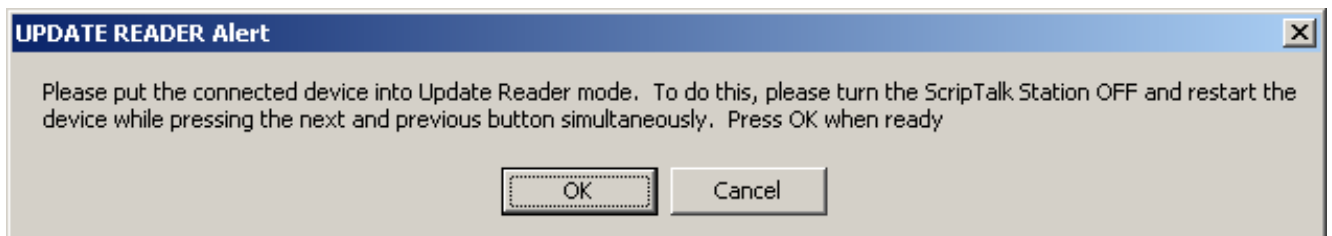
After 2 seconds, if the Scriptalk application didn't receive the current version then, the GUI shows the following error message box.



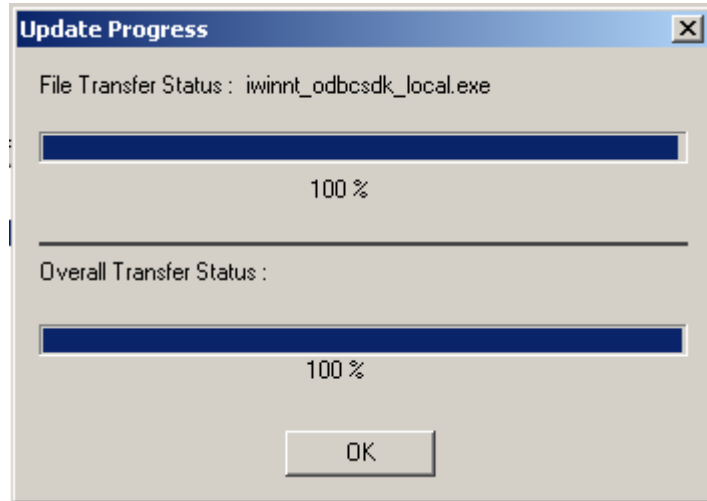
After the user click on OK button, the My Version label will be cleared.

10.1.2.2 Update Reader

To update the reader with any new version, the user has to select the appropriate version folder and press the 'Update Reader' button. On pressing 'Update Reader', the following alert dialog will be shown.

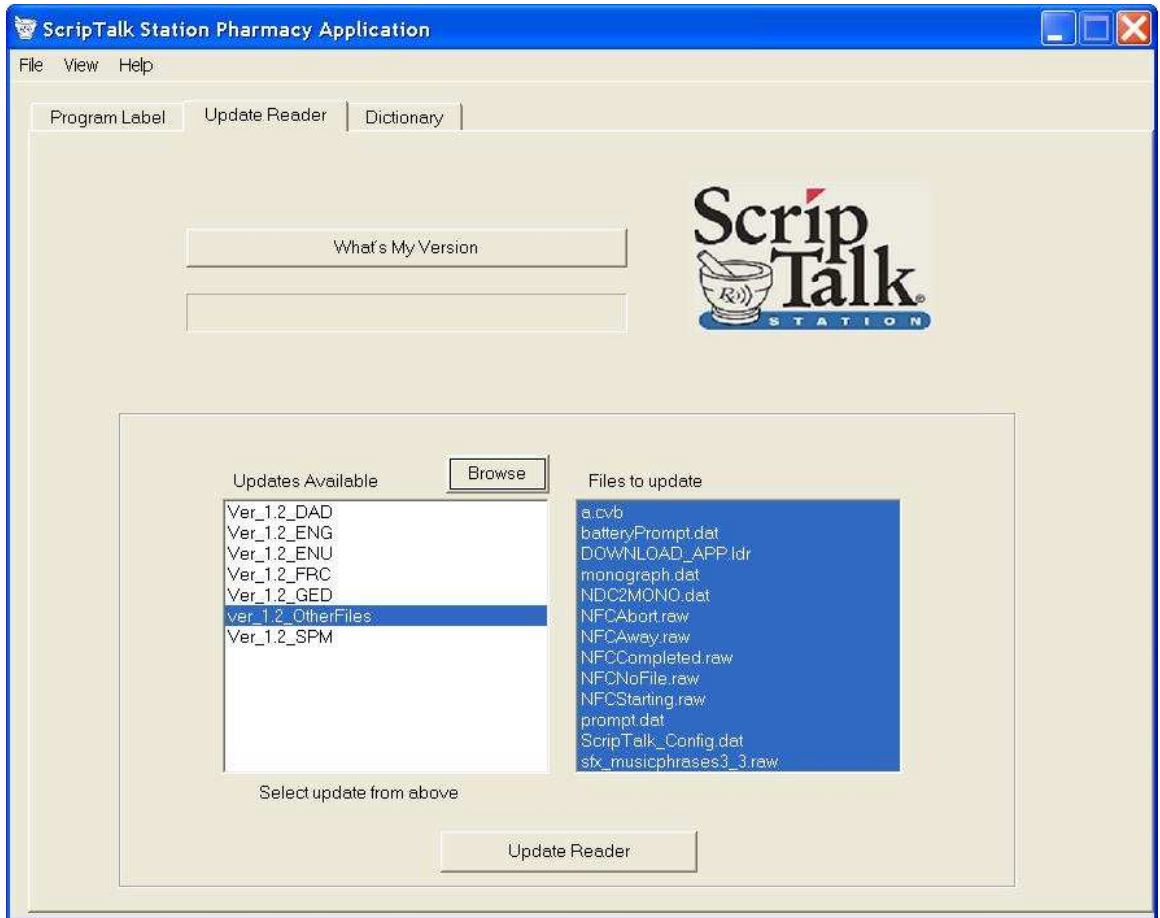


The user has to put the connected board in to program mode. And then when the user presses the OK button, the selected files of the selected folder will be transferred to the target board. The transferring progress will be displayed in a status dialog.



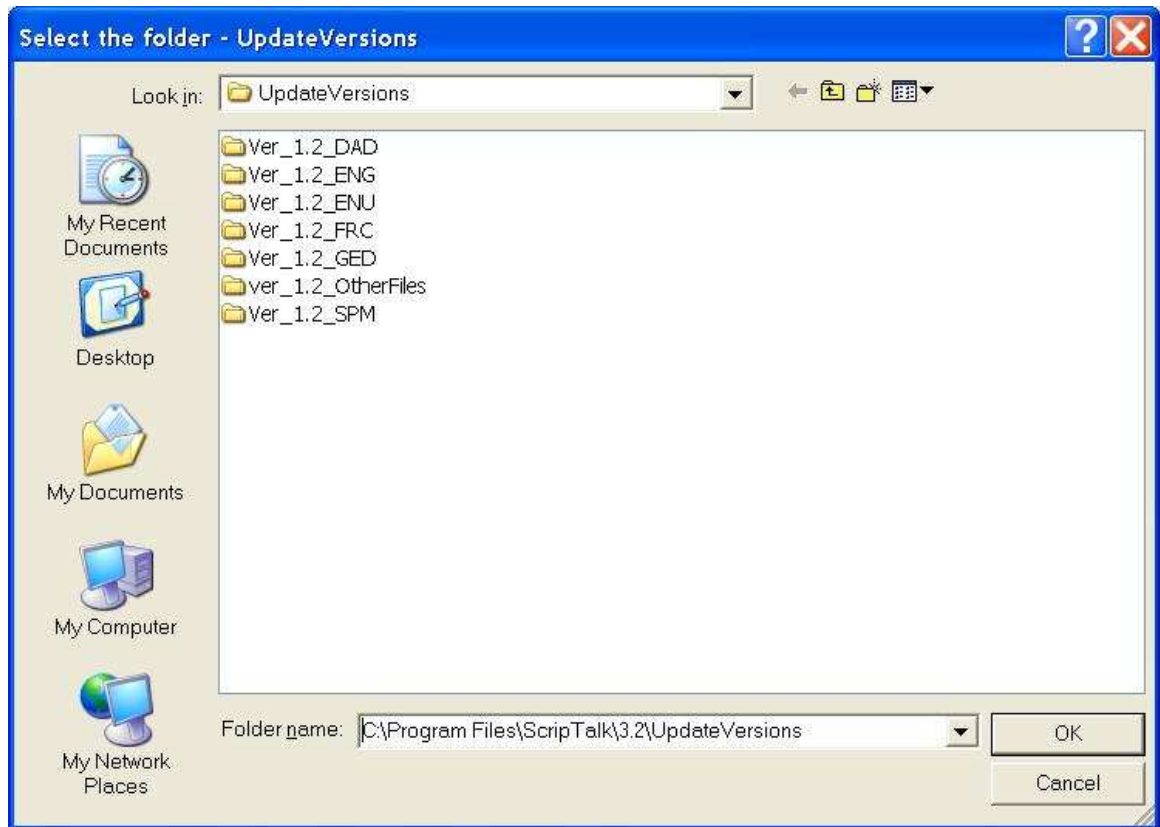
The first progress bar will show the status of the current file transfer. The second progress bar shows the Overall progress of transfer of all the files under the selected version folder. On OK button press, the dialog will disappear and the control will be back to the Update Reader tab.

It displays the following message if other file is selected which are not mentioned under the Limitation section (Refer 4 item).



10.1.2.3 Browse button

On clicking the brows button, 'Select the Folder' browse dialog will be shown.



In case, the user wants to select a UpdateVersion folder, other than the one available at the current path then, the Browse option can be used.

10.1.3 Dictionary Tab

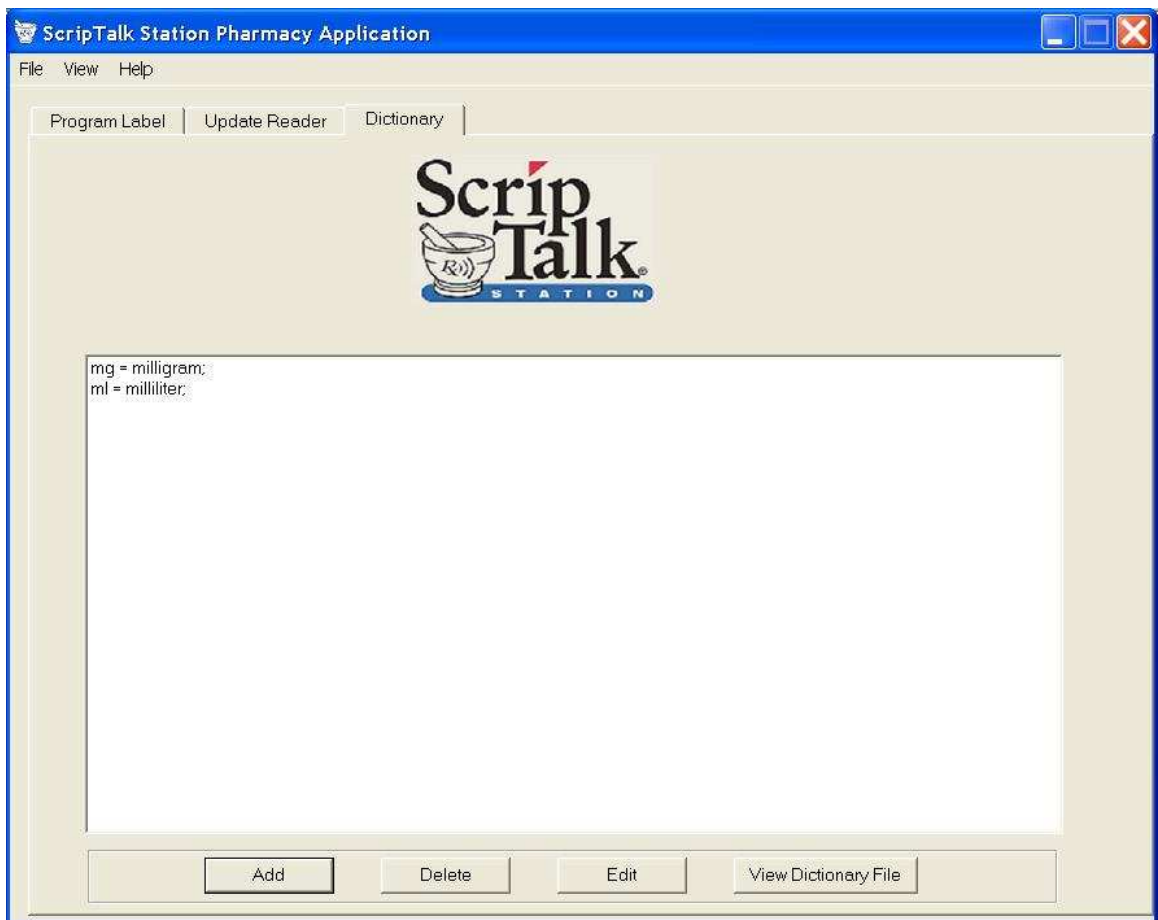
This feature maintains the dictionary for the words to be replaced during programming. If the dictionary has an entry
mg = milligram
then during programming, when ever the application comes across the word mg the same will be replaced by milligram. User can Add the entry, delete the entry, edit the entry and can view the dictionary file.

10.1.3.1 Add

On clicking the 'Add' button an entry can be added to the dictionary which can display the window as shown in the screen shot below.



On clicking the 'Ok' button, the entry will be added to the list and will be displayed in the space provided as shown in the screen shot below. Note that the entry will be added in the lexicographic (alphabetical) order.

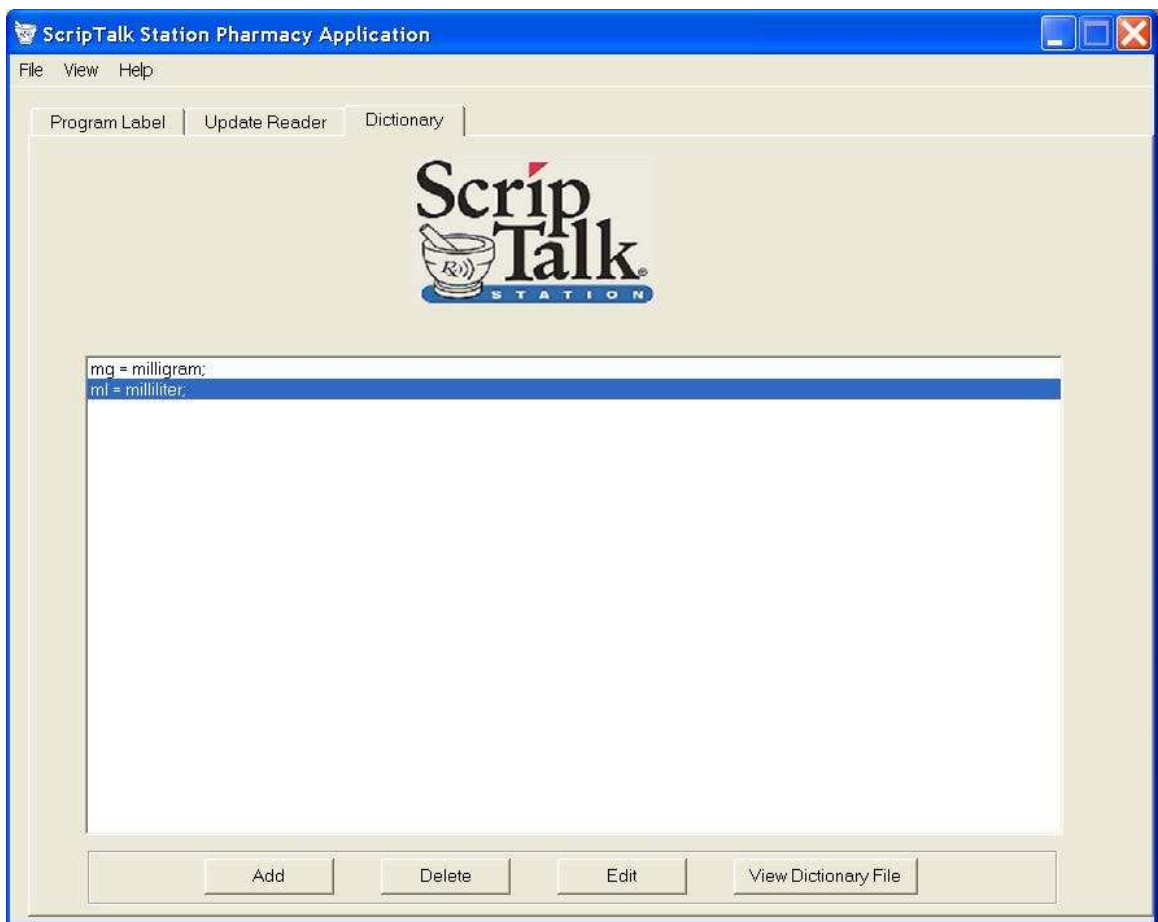


During programming, the Entry: mg will be replaced by Replacement: milligram. In case if an entry already exists, the application displays the window as shown in the screen shot below.

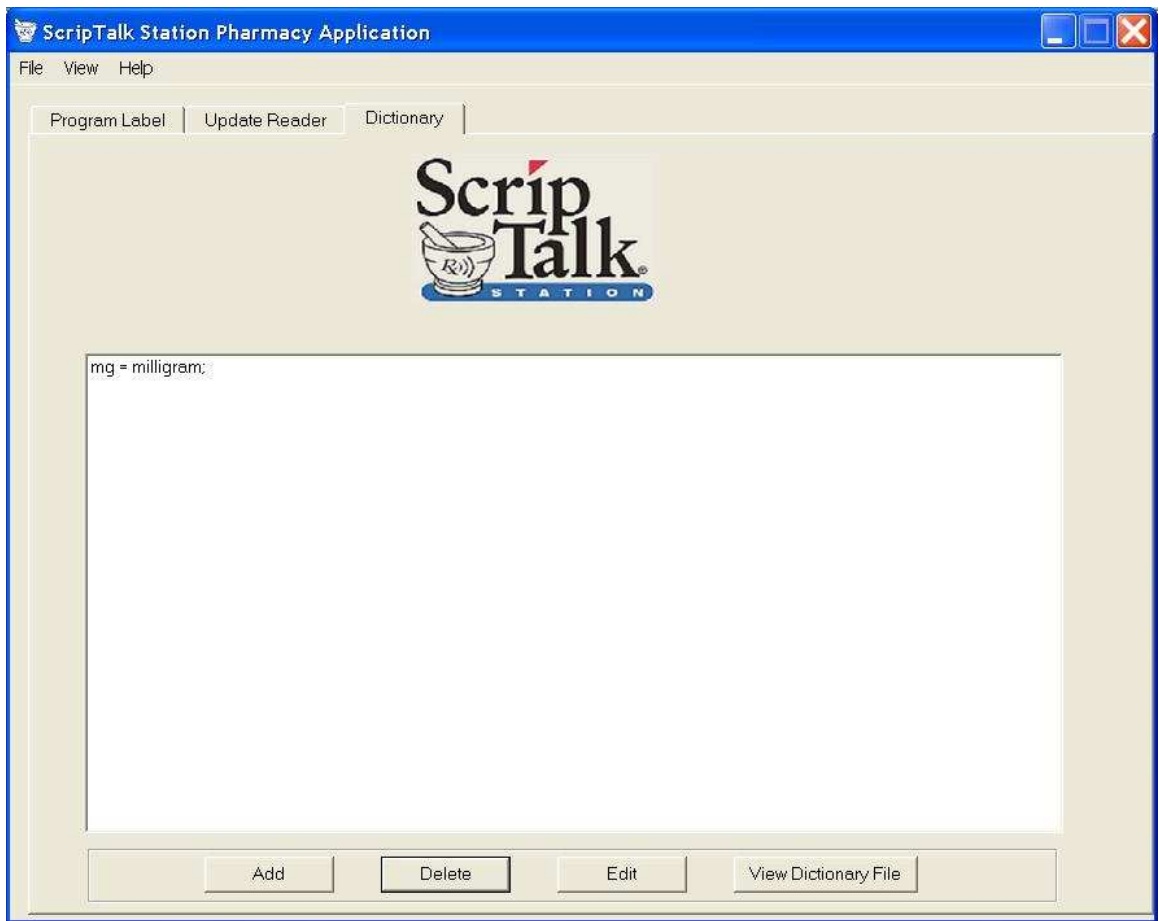
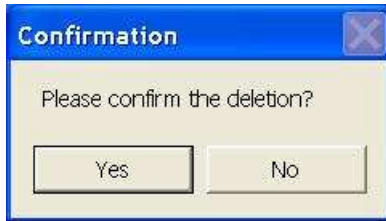


10.1.3.2 Delete

An entry can be deleted from the dictionary by selecting the word in the list as shown in the screen shot below.



Click on 'Delete' button to delete the entry. On conformation, the entry will be deleted from the list as shown in the screen shot below.



An error will be displayed if the entry is not selected from the list when the user clicks on the Delete button as shown in the screen shot below.

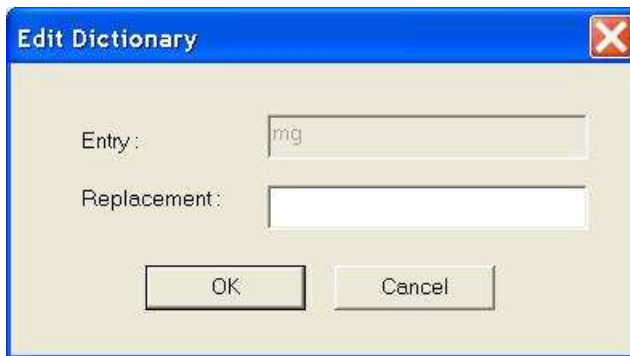


10.1.3.3 Edit

Replacement entry in the dictionary can be modified with 'Edit' option. The selection of entry can be done in 2 ways.

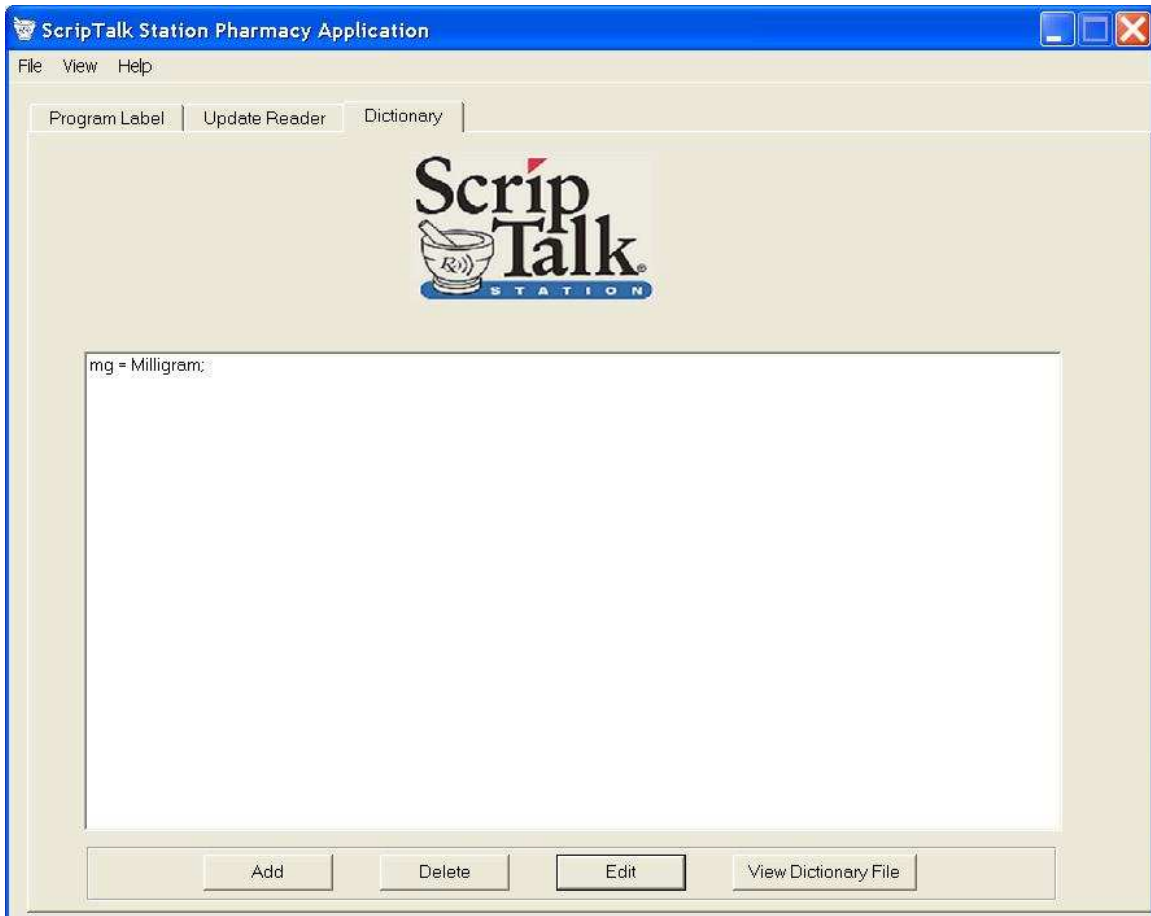
- a. Select the entry from the list and click on 'Edit' button
- b. Double click on the selected entry in the list.

On performing any one of the above, window will be displayed to enter the new value as shown in the screen shot below.



Enter the new value to be replaced and click on 'Ok' button. On conformation, the replacement value will be modified in the dictionary and will be displayed in the space provided as shown in the screen shot below.





An error will be displayed if the entry is not selected from the list to edit the required data when the user clicks on the Edit button as shown in the screen shot below.



10.1.3.4 View Dictionary File

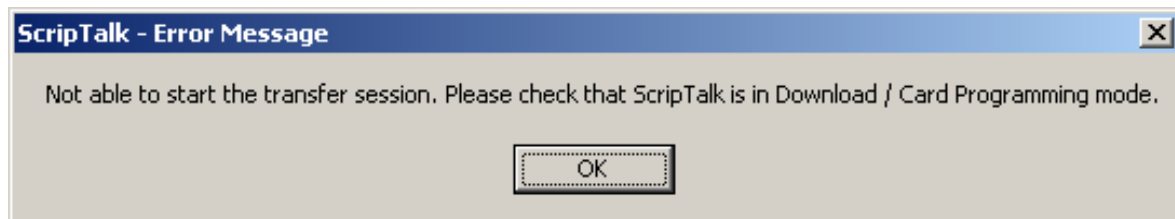
On clicking the 'View Dictionary File' button, Dictionary file - ScripTalk_Dictionary.txt can be viewed. The dictionary file can also be viewed on clicking Help->View Dictionary.

10.1.4 Dictionary Tab

10.1.5 Miscellaneous

10.1.5.1 Not able to start the transfer session

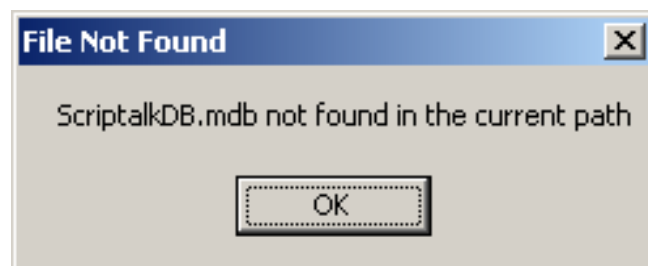
When there is no proper connection between the host and the target the following error dialog will be displayed.



On the display of this error message, the communication connection between the PC and the board has to be rechecked (through Hyper terminal or sample executables).

10.1.5.2 Could not find the ScriptalkDB.mdb file

When the ScriptalkDB.mdb not found in the appropriate folder, the following error message will be shown



To overcome this issue, the ScriptalkDB.mdb file has to be placed the same folder where the application started.

11 Update using NFC

Files from one ScripTalk station can be transferred to another without any wired connection, i.e. over RF field. This can be done with minimal intervention required by user.

11.1 SET-UP FOR NFC:

1. Put both the ScripTalk Station (target as well as source) into download mode by pressing "**Prev**" and "**Next**" key During Power 'ON'.
2. Keep one ScripTalk Station on the top of other, facing each other.

Now the boards are ready for file transfer over NFC.

11.2 STARTING FILE TRANSFER

Once the setup is done, Press center "**Read**" Key on the target unit. The target unit on which files need to be updated will start beeping. Beep will be more frequent initially (during identifying the source). When the files transfer starts, beeping becomes less frequent. Various states of the file transfer will be indicated with voice prompts on the source ScripTalk station.

11.3 VARIOUS VOICE PROMPTS

All the voice prompts are played on the source station, i.e. the ScripTalk Station from which files are transferred.

- **FILE TRANSFER START PROMPT:**

Start of file transfer over NFC is indicated to the user with the following voice prompt.

"Starting NFC file transfer"

- **FILE TRANSFER COMPLETION PROMPT:**

Following voice prompt indicates the completion of file transfer.

"NFC file transfer completed"

Also, the target station stops beeping.

- **BOARD PROXIMITY ALERT:**

When the ScripTalk Station are moved away from each other during NFC transfer, a voice prompt alerts to the user about the same.

"Transfer not complete, please put the device back on the top of the unit"

On the target unit beeping will become more frequent.

- **NO FILES TO TRANSFER ALERT:**

Decision about identifying the files to be transferred is done on the basis of file size.

For prompt file, monograph file, and NDC2MONO file, respective file sizes are compared on the both the ScripTalk Station. Whichever file size is not matching is selected for NFC transfers.

All the dictionary files available on the source station are transferred to the target irrespective of their file size.

If respective file sizes match, and no dictionary file is available, user is alerted with the following voice prompt.

“No files to transfer”

And also the Target ScripTalk Station stops beeping.

- **TRANSFER ABORTED ALERT:**

After initiation of transfer if the ScripTalk Station are kept away from each other for more than 20 seconds, NFC transfer is aborted. And this is indicated by following voice prompt.

“NFC file transfer aborted”

Target Station stops beeping.

- **DEBUGGING NFC RELATED ISSUES:**

Utmost care is taken to inform user about different states of NFC file transfer. However, if the NFC transfer is not starting or if it behave erratically, please check following.

1. Check if the ScripTalk Stations are kept in the close proximity or not. Keep one station on the top of the other, and both the station should face each other
2. Restart both the station in download mode. To do so, press **“Prev”** and **“Next”** key while powering on the unit. Keep one board on the top of other, and initiate NFC transfer.

12 Warranty

En-Vision America, Inc. (hereafter "Seller") warrants that the products manufactured by it and supplied hereunder are free from defects in material and workmanship. If any such product shall be proved to Seller's satisfaction to be non-conforming within twelve (12) months from date of delivery, Seller shall have the option to credit the purchase price of such product or repair or replace such product. Such credit, repair, or replacement shall be Seller's sole obligation and Buyer's exclusive remedy hereunder and shall be conditioned upon Seller's receiving written notice of any alleged nonconformity within fifteen (15) days after receipt of shipment and, at Seller's option, return of such products to Seller, F.O.B. its factory. Products supplied by Seller that are manufactured by someone else are not warranted by Seller in any way, but Seller agrees to assign to Buyer any warranty rights in such products that Seller may have from the original manufacturer.

This exclusive remedy shall not be deemed to have failed of its essential purpose so long as the Seller is willing and able to repair or replace nonconforming products or credit the purchase price within (90) days of the date the Seller determines that such products are nonconforming. Any suggestions by Seller or Seller's agents regarding use, application, or suitability of the products shall not be construed as an expressed warranty unless confirmed to be such in writing by Seller.

IMPORTANT SAFETY INSTRUCTIONS:
READ ALL INSTRUCTIONS BEFORE USING

Warning!

If you have difficulty reading a label, find a caregiver to read the printed label on the prescription. Do not guess or make assumptions as to the contents or directions for any prescription medication.

Warning! Only use the DC power supply provided by En-Vision America. Damage may occur if a different power supply is used.

Warning! The reader is water resistant only. It should not be placed in water. If dropped into water, it should be removed immediately and dried off. To keep the product safe from harm, always store the reader in the convenient holder that has been provided. Simply attach the holder to a nearby wall or surface near your prescriptions.

13 Contact Us

For more information, please contact us at:

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1845 W. Hovey Ave.
Normal, IL 61761

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Customer Service: (309) 452-3088
Tech Support: (309) 452-9368
Fax: (309) 452-3643

E-mail: envision@envisionamerica.com
Website: www.envisionamerica.com

14 Wall Mount Template



Directions:

Place template on wall at a location you prefer, making sure the two holes are level before marking hole with a pencil. Drill holes with a 1/4" drill bit, insert drywall anchors and lightly tap into wall with a hammer. Insert screws using a phillips head screwdriver and leave about 1/4" distance from the screw head and the drywall anchor. Mount the Scriptalk unit onto the screws and pull the unit down so that the screw shaft shifts into the wall-mount notch.