

Wavecom Product Support Tool Quick Start Guide

Reference:

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START GUIDE**Revision History**

Re v. #	Date	Author	Description
0.1	10/1/03	Rama Kossireddi	Initial version.
0.2	11/24/03	Rama Kossireddi	First Release

Distribution List

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Abbreviations

WPST - Wavecom Product Support Tool

MFC - Microsoft Foundation Classes

COM - Component Object Model

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START GUIDE**1 Introduction****1.1 Overview**

This document will serve as a User's Guide for the Wavecom, Inc. Software Application, Wavecom Product Support Tool.

1.2 Scope

The scope of this document is intended to be a quick start to get user's up and proper configuration setting for Wavecom modules using the WPST. It is not intended to teach users the proper setup of a WPST.

2 General Description

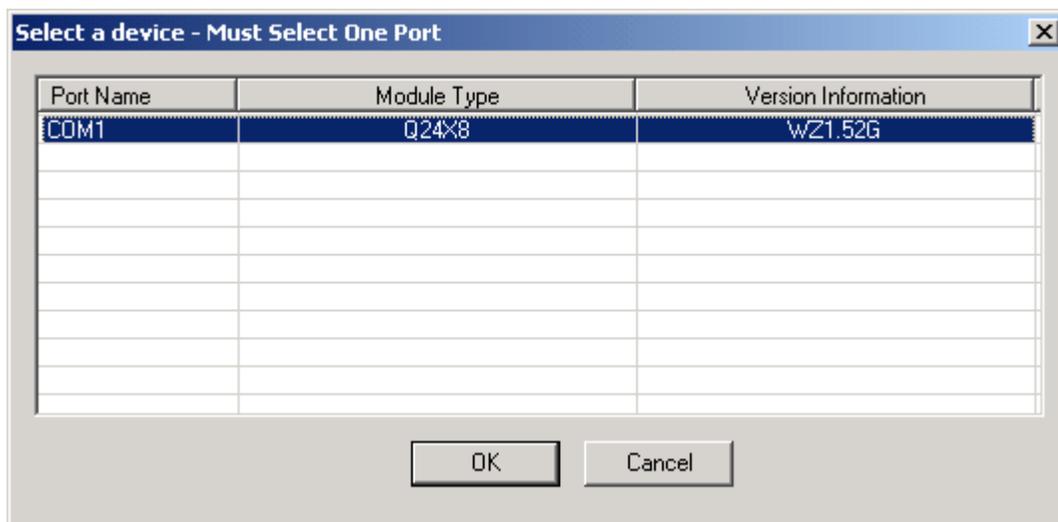
This Product support tool is used to configure (read and write to) Wavecom modules, and write the existing configurations to a file or read from a file.

START GUIDE**3 Starting the Application**

Locate the Icon and double click on the Icon,



This will launch the WPST application and a device selection dialog will pop up, the user needs to select the COM port the module is attached and press OK. If the module is not connected, please connect the module at any time. The Device selection Dialog will automatically detect the connection.



Once you select the port to which the module is connected and press OK button, the main application window is popped up.

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4 User Interface

This snapshot of the main application window will help you familiarize yourself with the products functions.

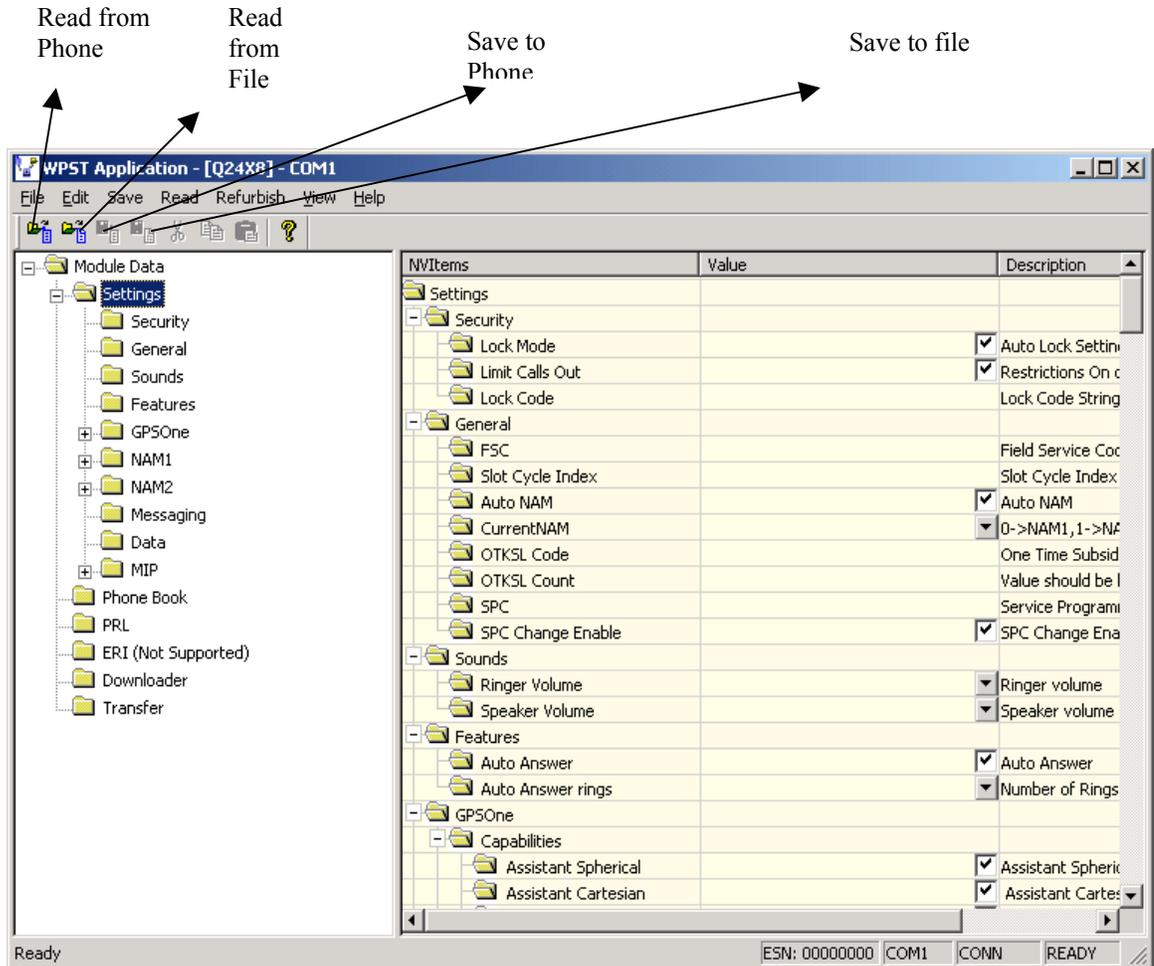


Fig. 1. Getting to know the Main Window

START GUIDE**5 Reading from the Phone:**

To read from the phone, the user needs to click on the  icon. The user is prompted with a SPC dialog box to enter the SPC code. If it is a valid SPC, the user is allowed to read from the phone. If the user enters a wrong SPC code, the user is popped with the same window for two more times. If not the user has to start the read process. You cannot read from the phone unless you enter a valid SPC.



Figure 2 SPC Dialog box.

Once the user enters a valid SPC, the application starts to read from the phone for all the NV items and updates the UI when the read is done.

The same function can be achieved by using the menu option Read -> Phone

START GUIDE**6 Writing to the Phone:**

Once the user makes any changes to the existing configuration the save button icon  gets enabled. The user can click on the icon to save any changes made to the phone NV data. The user has to enter the SPC code to save the changes. The user is prompted with the SPC dialog on each read and writes operation to the phone.



Figure 3 SPC Dialog box.

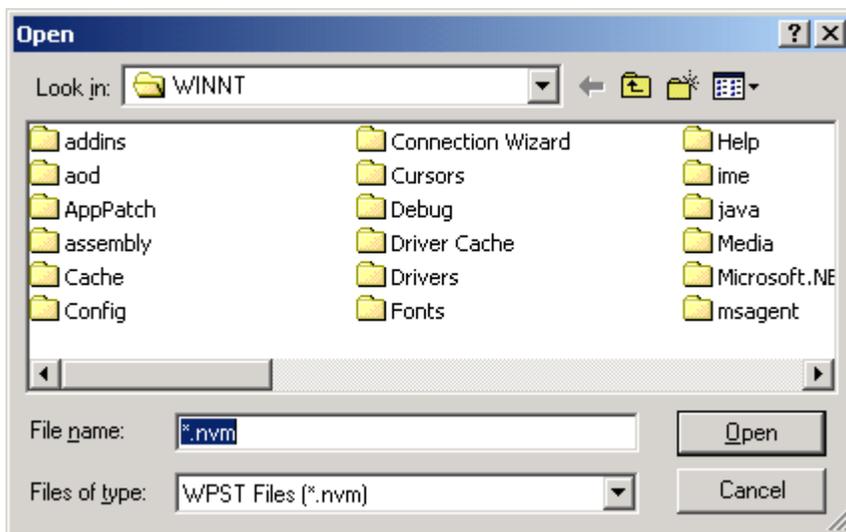
Once the user writes the data to the phone, the user cannot perform any operation until the phone resets and comes back online. The icons are all disabled until the write is completed and the phone is back online.

The same function can be achieved by using the menu option Save -> Phone

START GUIDE**7 Reading from the File**

The user can click on  the read from file button to load an existing phone configuration. The user can then make the necessary changes and either saves it to the file or to the phone.

The user is prompted with an open dialog box, to enter the file name. The extension of the file is nvm.

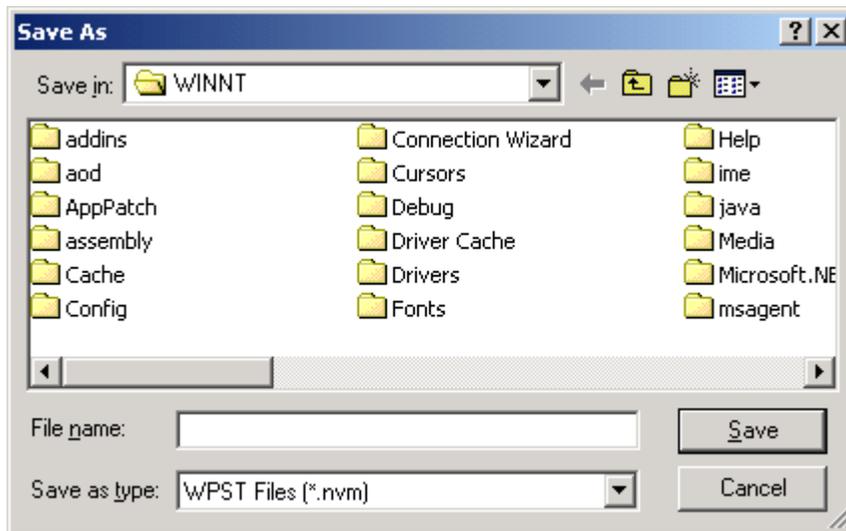


The same function can be achieved by using the menu option Read -> File

START GUIDE**8 Writing to the File**

The user can click  on the Save to file button to save any configuration for loading onto other phones or to restore the phone configuration at a later time.

The user is prompted with a save dialog box, to enter the file name. The extension of the file is nvm.

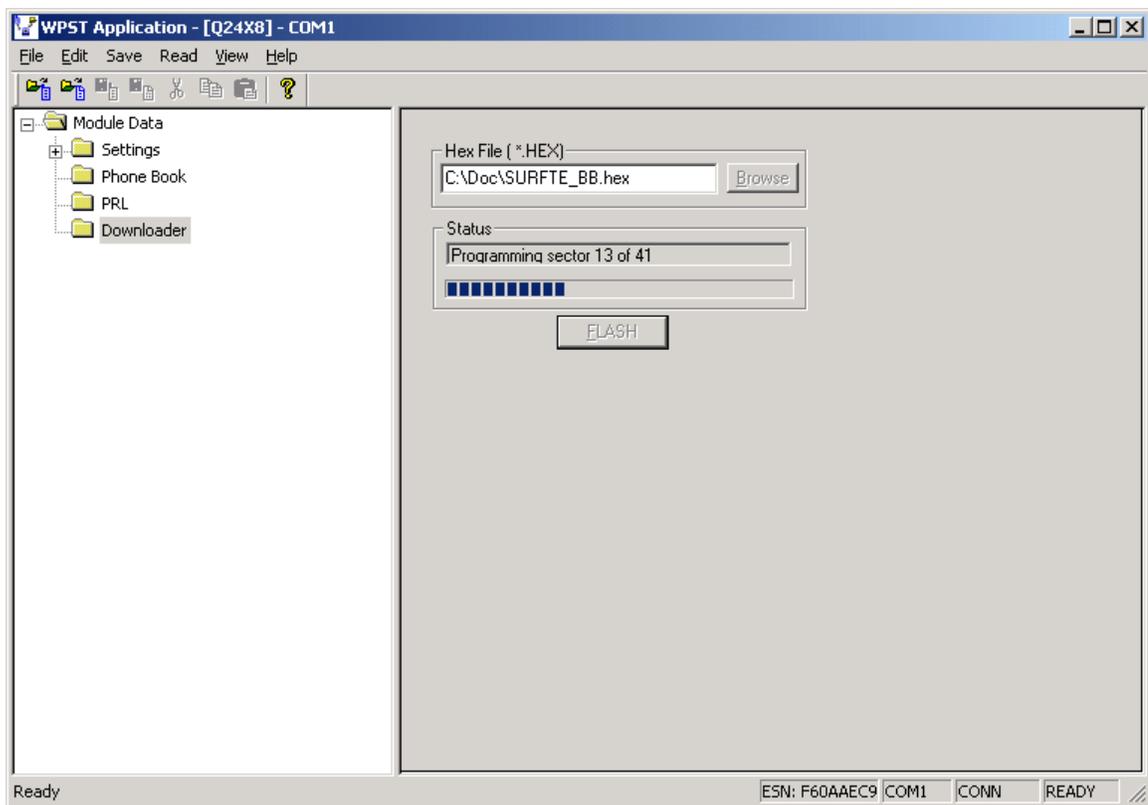


The same function can be achieved by using the menu option Save -> File

START GUIDE**9 Downloader:**

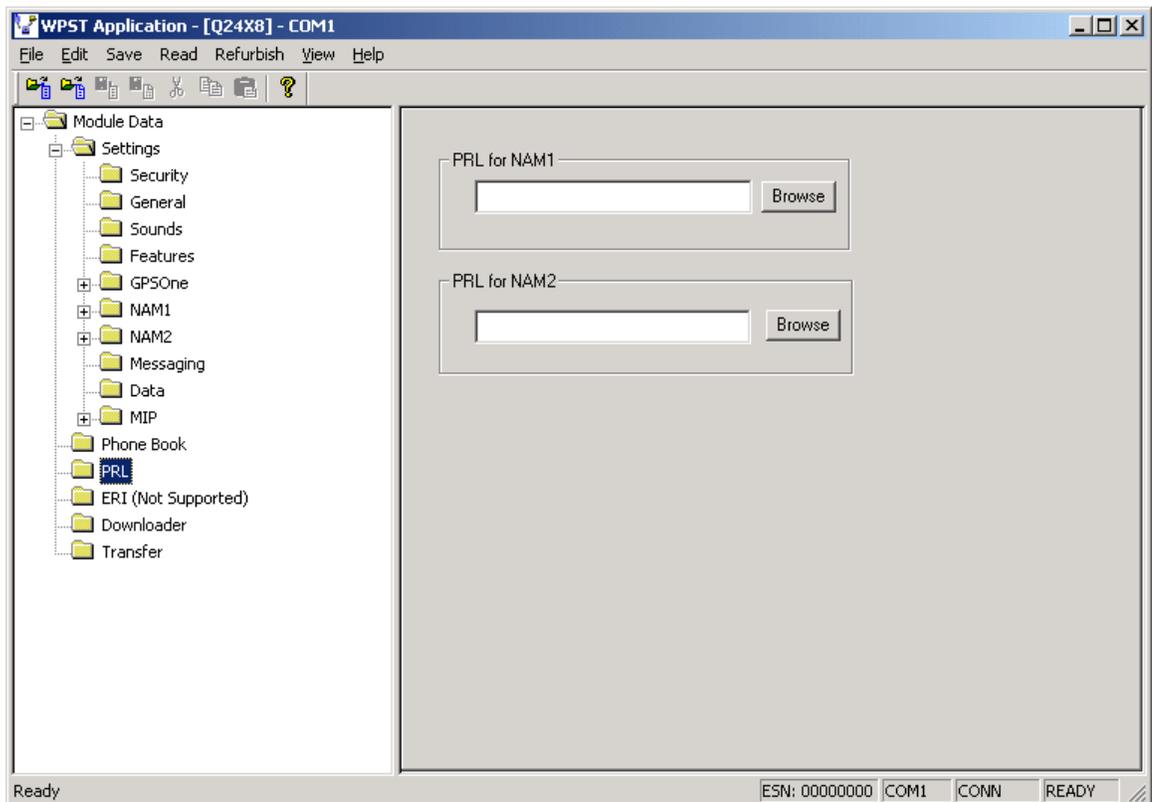
The downloader tree item is used to download the latest firmware in the module. The user can select the required file and location using the browse button. After selecting the file, the user has to push the Flash button to start downloading the new software. When the download is in progress, please do not perform any operations on the WPST application.

Popping a message box stating success or failure will signal the download operation.



START GUIDE**10 PRL Downloader:**

This feature of the WPST allows the user to download the PRL file to the phone. The user has to use the browse button to point the PRL file that needs to be downloaded and then use the save to phone button to write the selected PRL.

**11 Transfer**

The transfer window allows the user to select the items that needs to be transferred from one module to another module.

The following steps needs to be performed for the transfer feature.

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1. First select the COM port the module that has the data that needs to be transferred.
2. Select the items needed to transfer, if none of the check boxes are selected, no data will be transferred.
3. Click on the read button.
4. Once the write button gets activated, the data need to be transferred is copied.
5. Connect the module to the COM port the data that needs to be transferred.
6. Click on the Write button.
7. Once the write is finished the module reset and the data is transferred.
8. If you need to write data to multiple modules, you just need to connect the new module and click on the Write button.

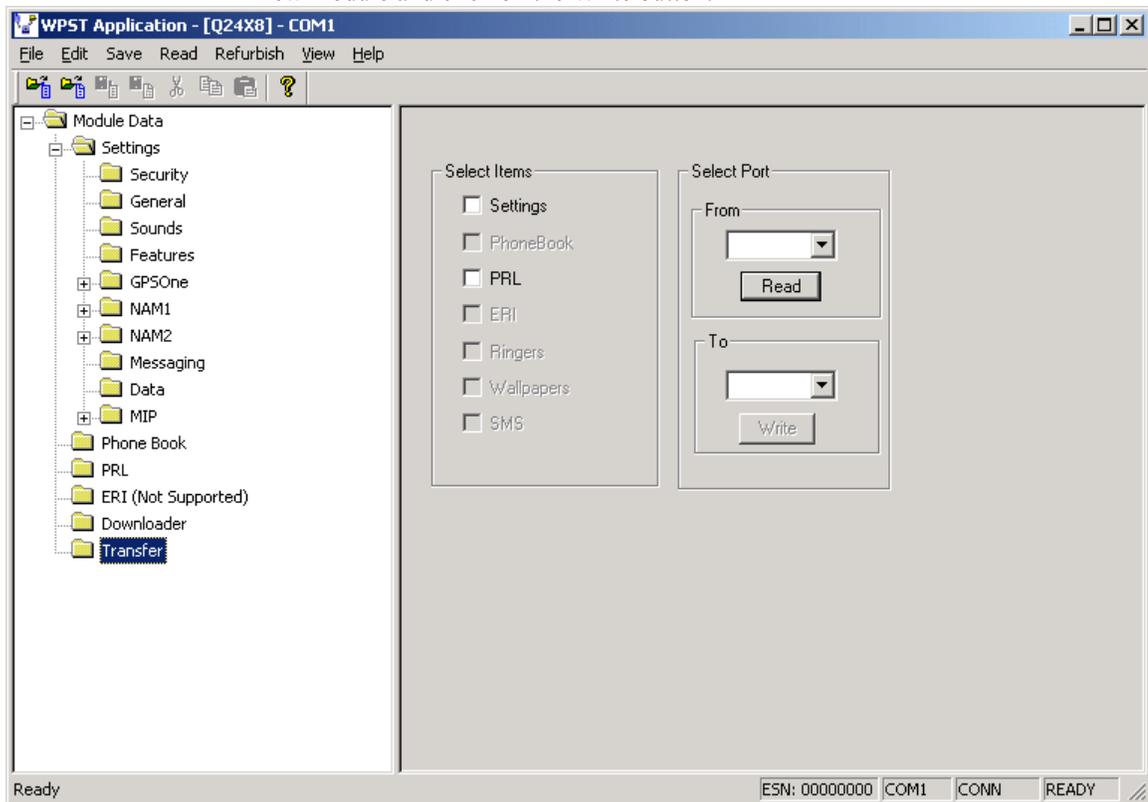


Figure: Transfer Dialog box

START GUIDE**12 ERI:**

The ERI page allows the user to write/read an ERI file to the module. When the user clicks the read from the phone, all the ERI information is extracted and saved in two temporary files (tempERI1.eri and tempERI2.eri) for both the NAM's.

If you want to download a new ERI file to the module, please use the browse button to browse to the ERI/bin file and click on the save "Write to Phone" icon. Once the download is over the module resets and the new ERI file is downloaded to the module.

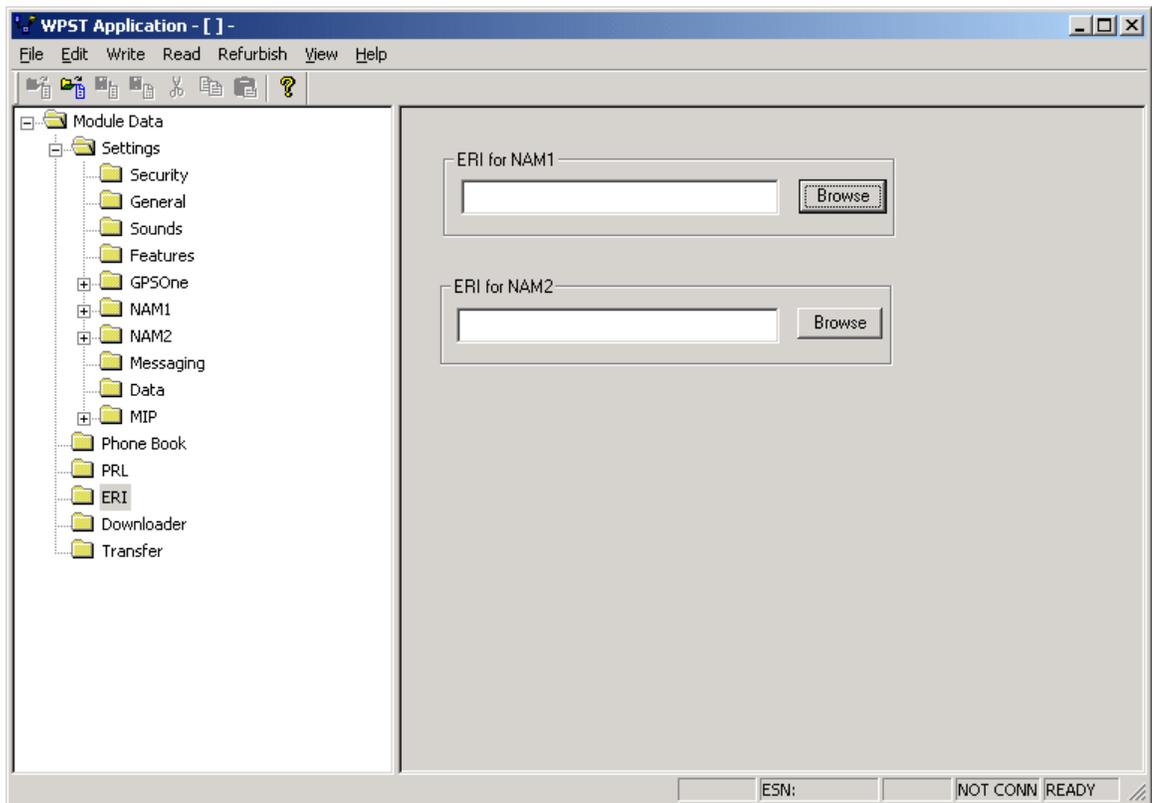


Figure: ERI page