



Quectel Cellular Engine

GSM FAX Setup User Guide

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0. Revision history

Revision	Date	Author	Description of change
1.00	2009-12-31	Jean HU	Initial

1. Introduction

The PC application WinFax Pro can be used to send and receive a fax with the module provided by Quectel. This document describes how to setup WinFax Pro. For the other questions about WinFax Pro, please refer to WinFax Pro user manual.

The screen snapshots about the installation steps and usage of WinFax are based on WinFax10.0 in this document. The details of configurations and settings for other applications may slightly differ, but the general proceeding is similar.

2. Preparation

It is necessary to finish the following work before send or receive a fax.

- Connect the module to PC and enter the PIN code if SIM card PIN is locked.
- Make sure the SIM card supports fax service.
- Make sure the WinFax Pro has been installed successfully.

3. Modem installation and WinFax configuration

Double click the “*Controller.exe*” file to start WinFax10.0. The main interface is shown in Figure 1.

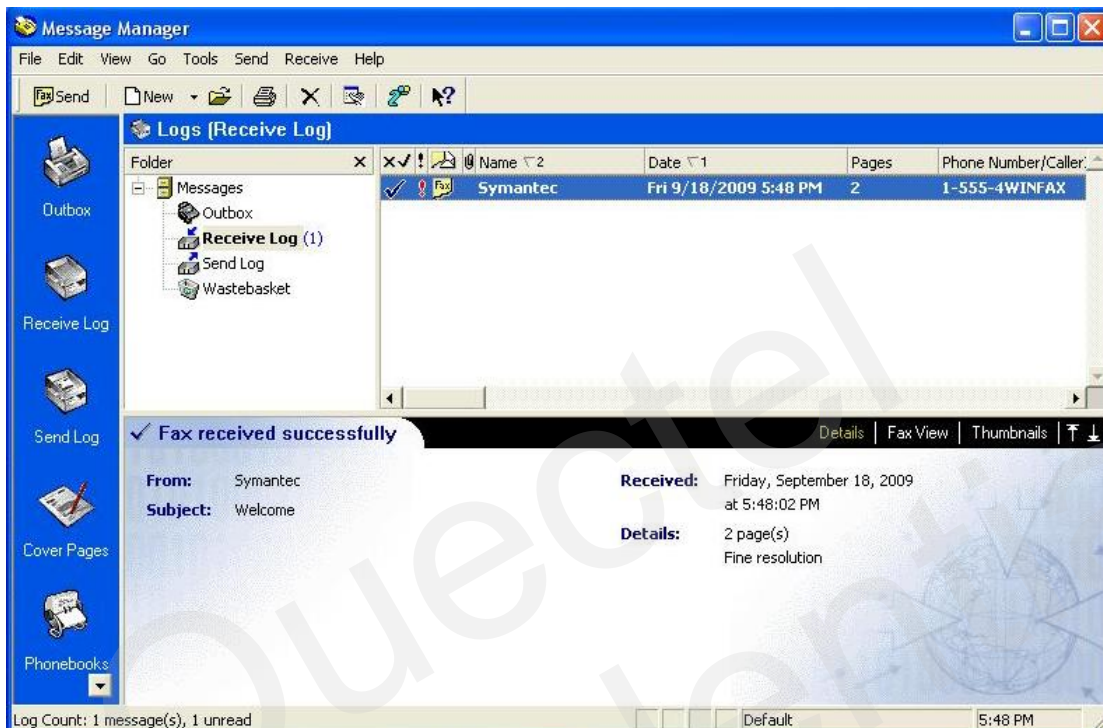


Figure 1: Start WinFax10.0

The following lists the detailed steps to install the modem and configure WinFax.

Step1: Choose “*Tools*” -> “*Program Setup*” in the main menu.

Step2: Choose “*Modems and Communications Devices*” option and then click “*Properties...*” button as shown in Figure 2. And then a dialog box will appear as Figure 3.

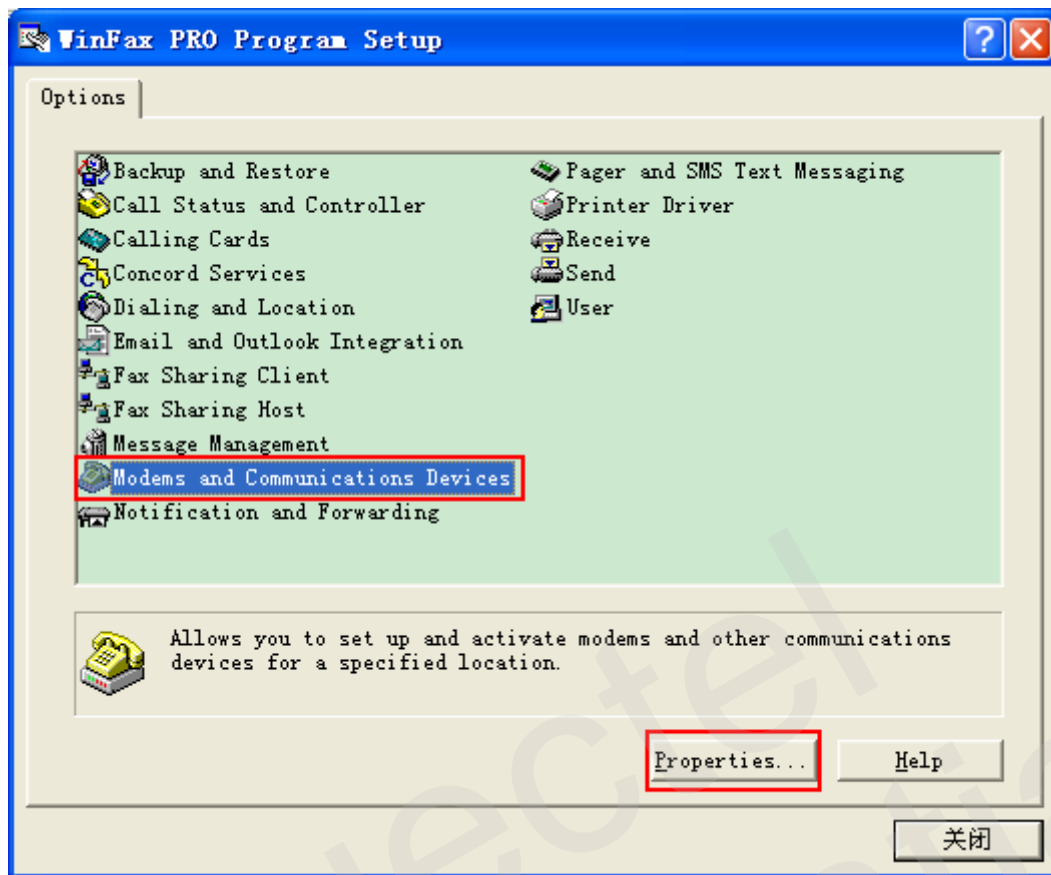


Figure 2: WinFax Pro Program setup

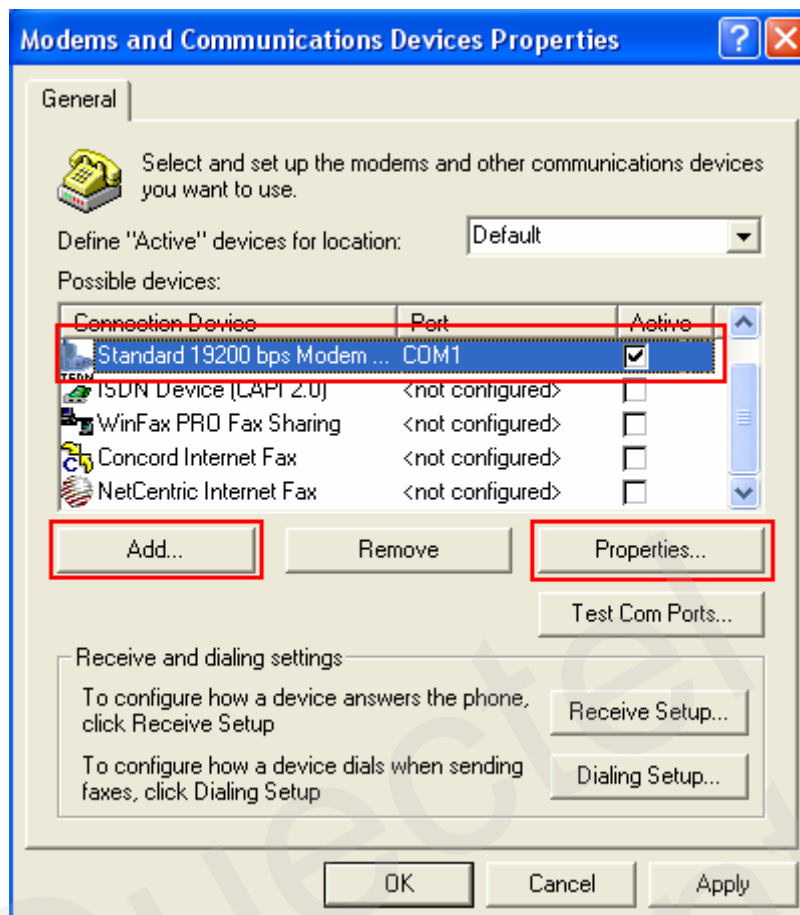


Figure 3: Modems and Communications Devices Properties

Step3: Click the “Add...” button to add a new modem if there is no modem ready. The detailed steps will be introduced in Chapter3.1.

Step4: Choose the “*Standard 19200 bps modem*” item and then click “*Properties...*” button in the dialog box to configure the modem. The detailed steps will be introduced in Chapter 3.2.

3.1. Modem installation

After click the “Add...” button in Figure 3, the dialog box “*Install New Device Type*” will be shown as Figure 4. And then please install a modem as the following steps.

Step1: Choose “*Regular modem*” and click “Next>” to install modem.

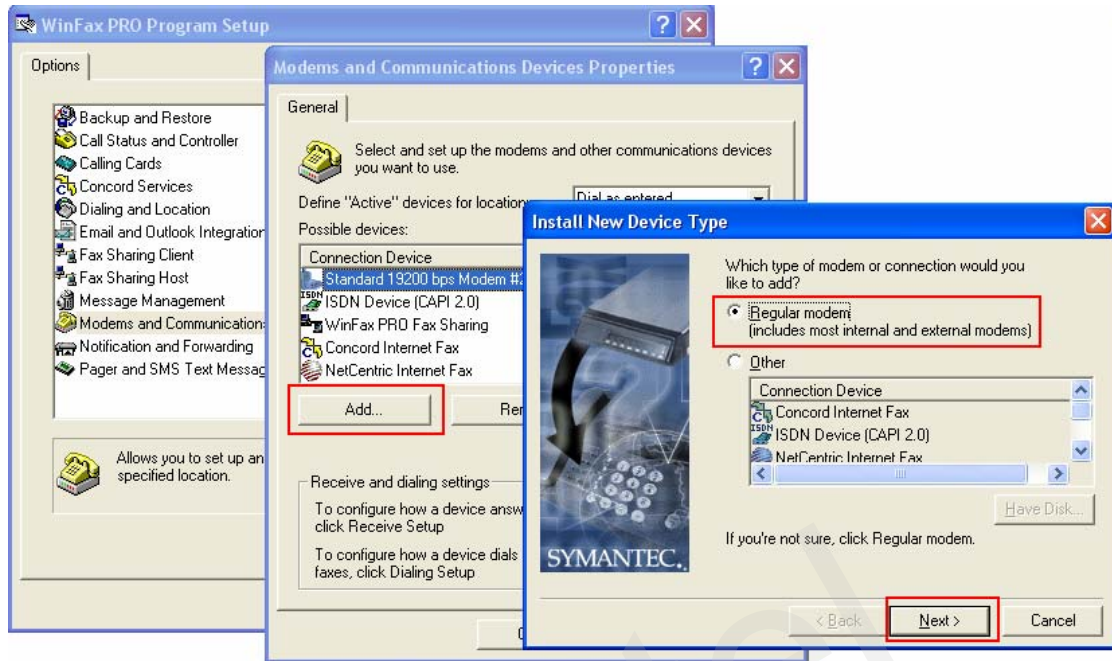


Figure 4: Install New Device Type

Step2: Click the “Add...” button in the dialog box “*Phone and Modem Options*”, and then choose “*Don’t detect my modem; I will select it from a list.*” and click “Next>” in the dialog box “*Add Hardware Wizard*”. Please refer to Figure 5.

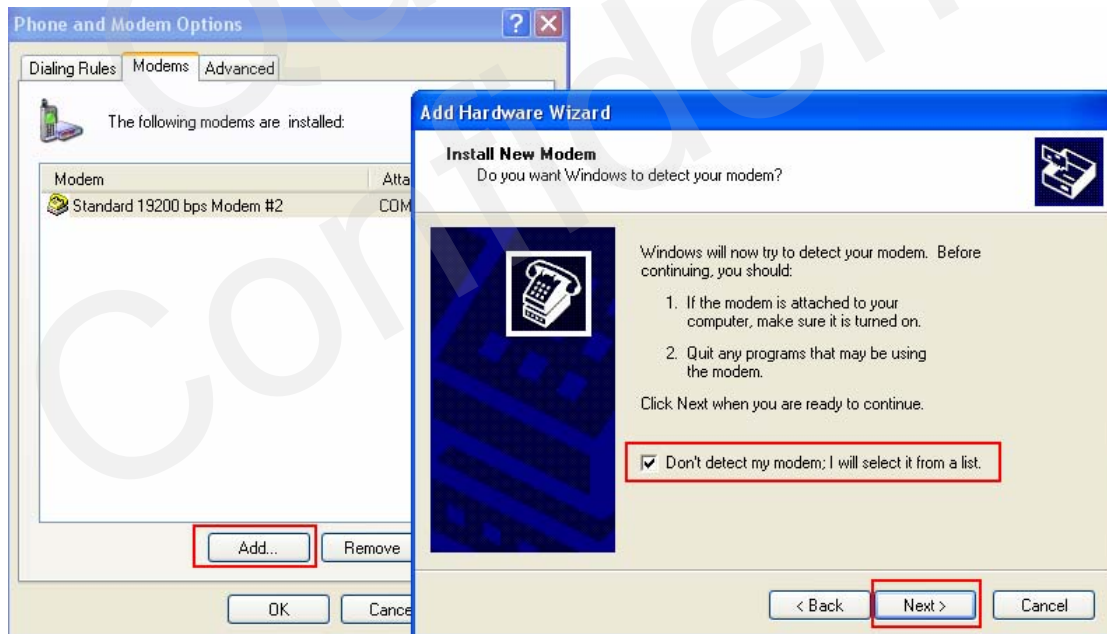


Figure 5: Add Hardware Wizard Pic1

Step3: Choose “*Standard 19200 bps Modem*” and click “Next>” as shown in Figure 6.

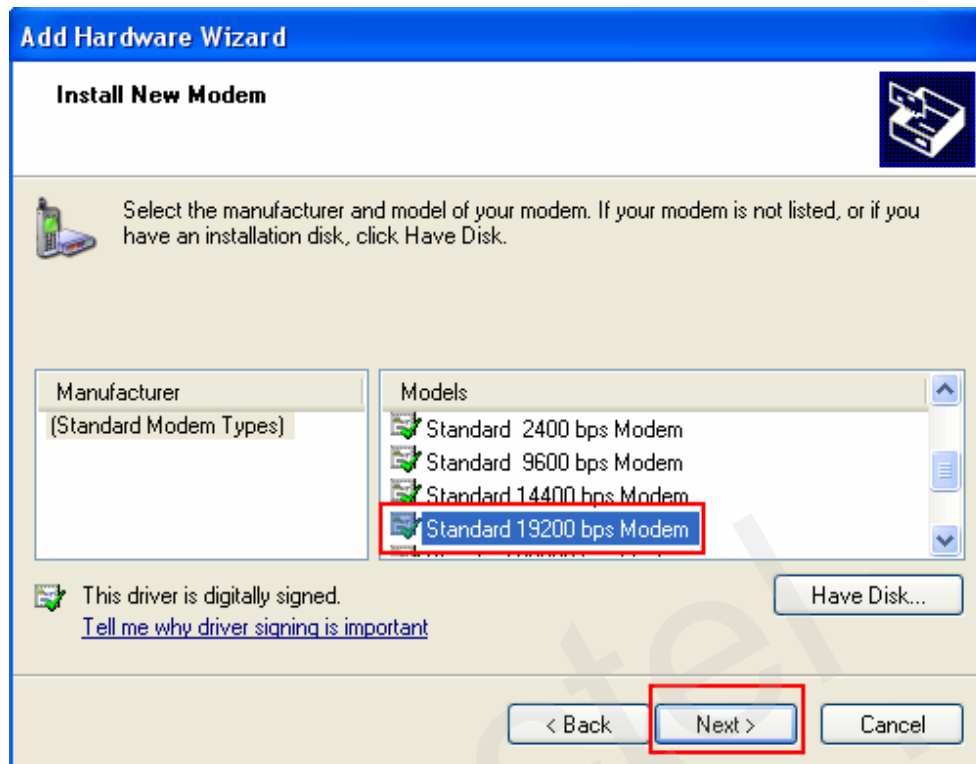


Figure 6: Add Hardware Wizard Pic2

Step4: Select communication port and click “Next>” to the next steps.

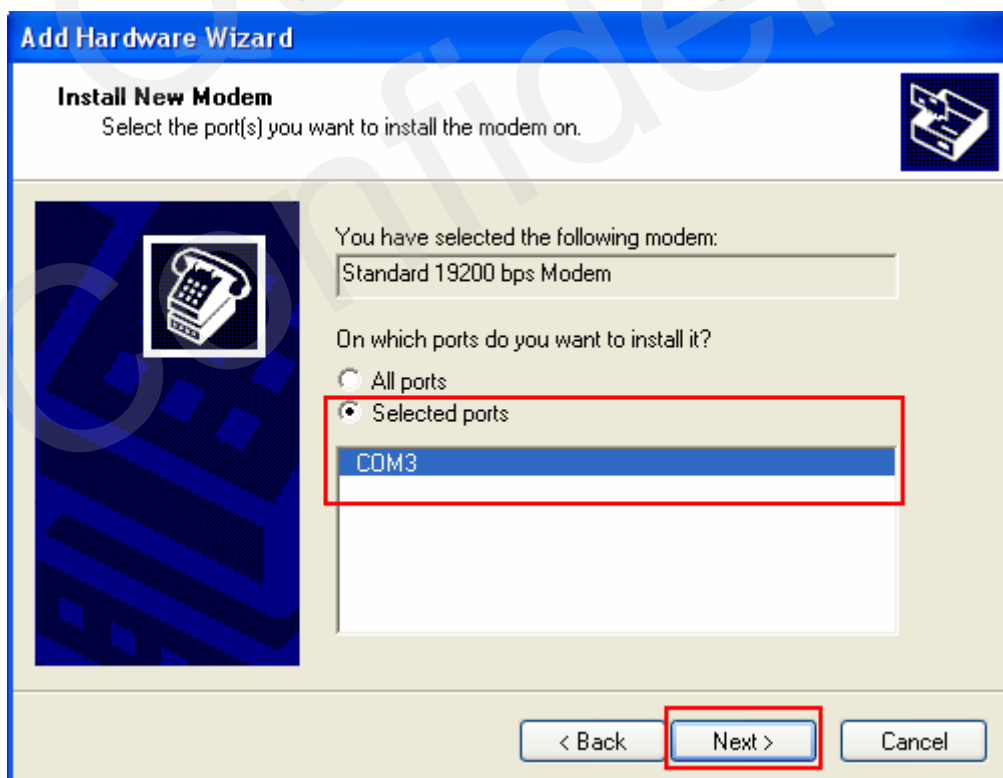


Figure 7: Add Hardware Wizard Pic3

Step5: Click the “*Next*>” button to test as shown in Figure 8. And the result will be shown as Figure 9.

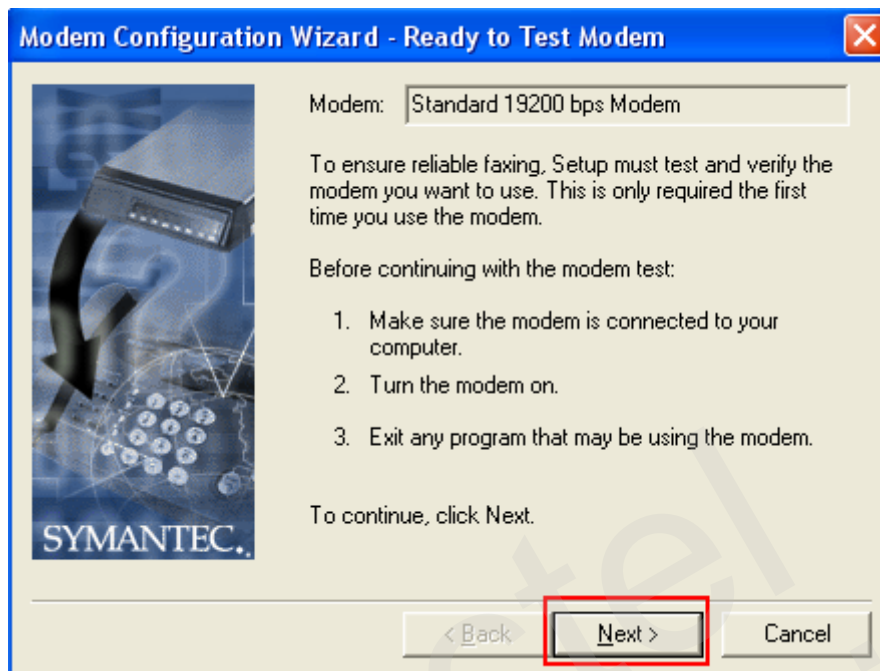


Figure 8: Modem Configuration Wizard- Ready to Test Modem

Step6: Click “*Next*>” to continue as shown in Figure 9.

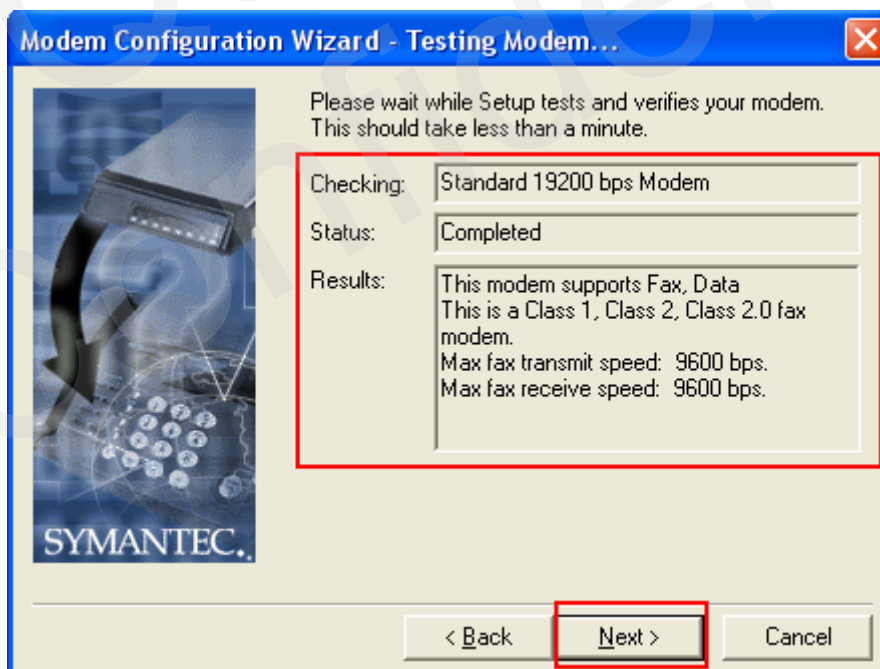


Figure 9: Modem Configuration Wizard- Testing Modem

Step6: Choose “*CLASS 1 (Software Flow Control)*” or “*CLASS 2 Send/Receive Fax/modem*” and then click the “*Next>*” button as shown in Figure 10.

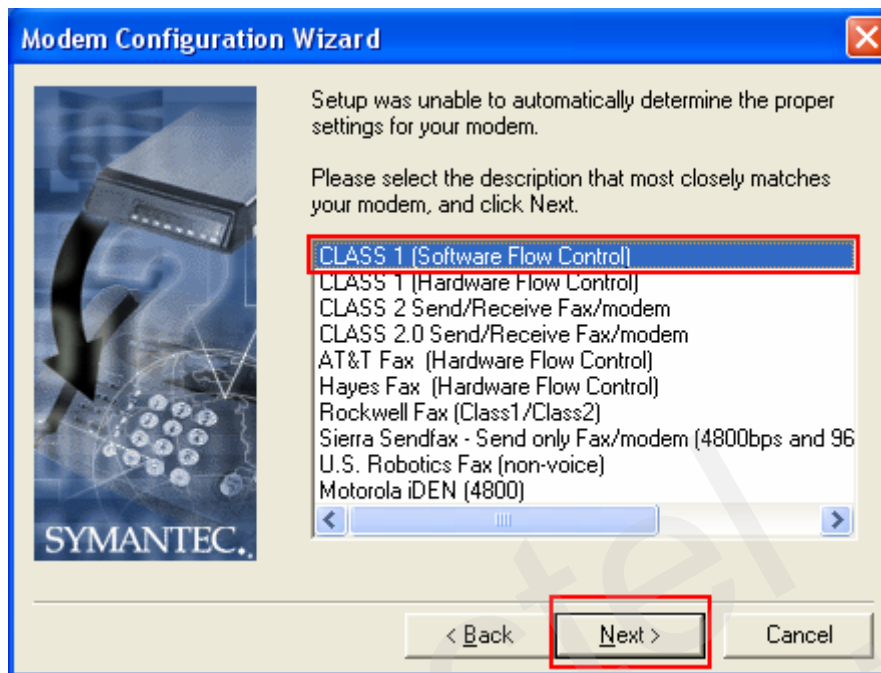


Figure 10: Modem Configuration Wizard

3.2. WinFax configuration

After choosing “*Standard 19200 bps modem*” item and click “*Properties...*” in the dialog box as Figure 3, it will pop a dialog box as shown in Figure 11. And then please configure WinFax as following steps.

Step1: Choose “*General*” tab and set the port parameters “*COM1*”, “*19200*” and modem type “*Class 1*” (using Class 1 as example) as Figure 11.

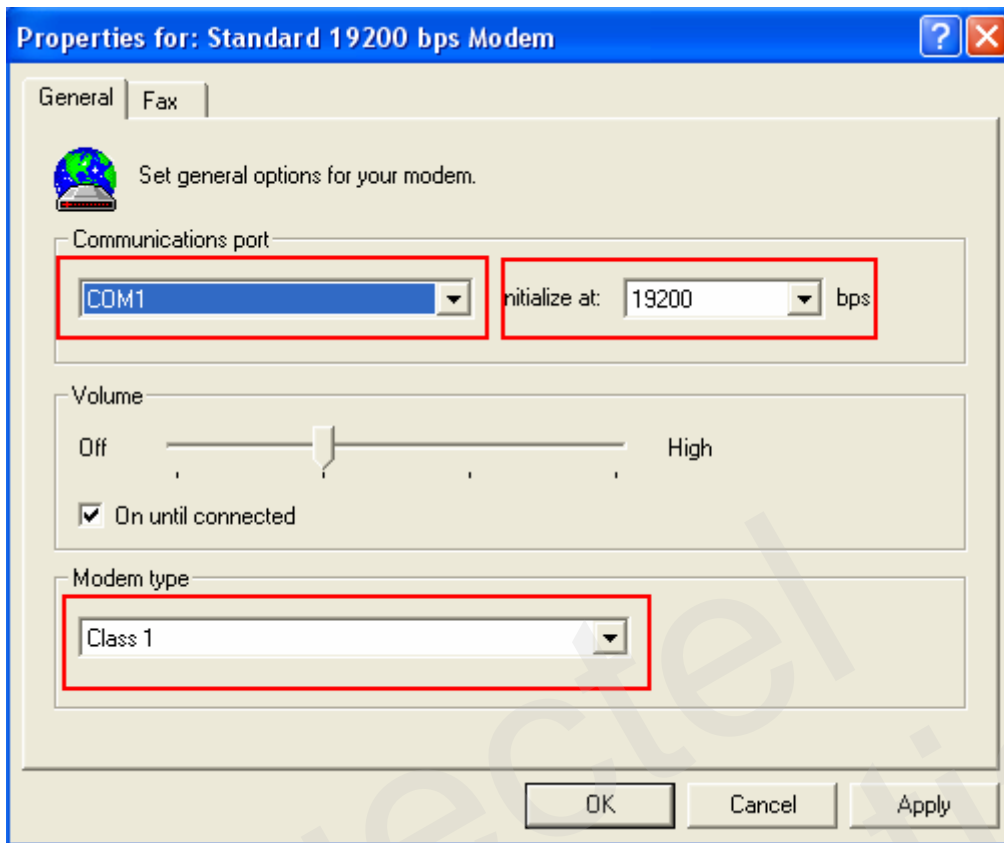


Figure 11: Properties for Standard 19200 bps modem Pic1

Step2: Choose “*FAX*” tab and set the parameters as shown in Figure 12.

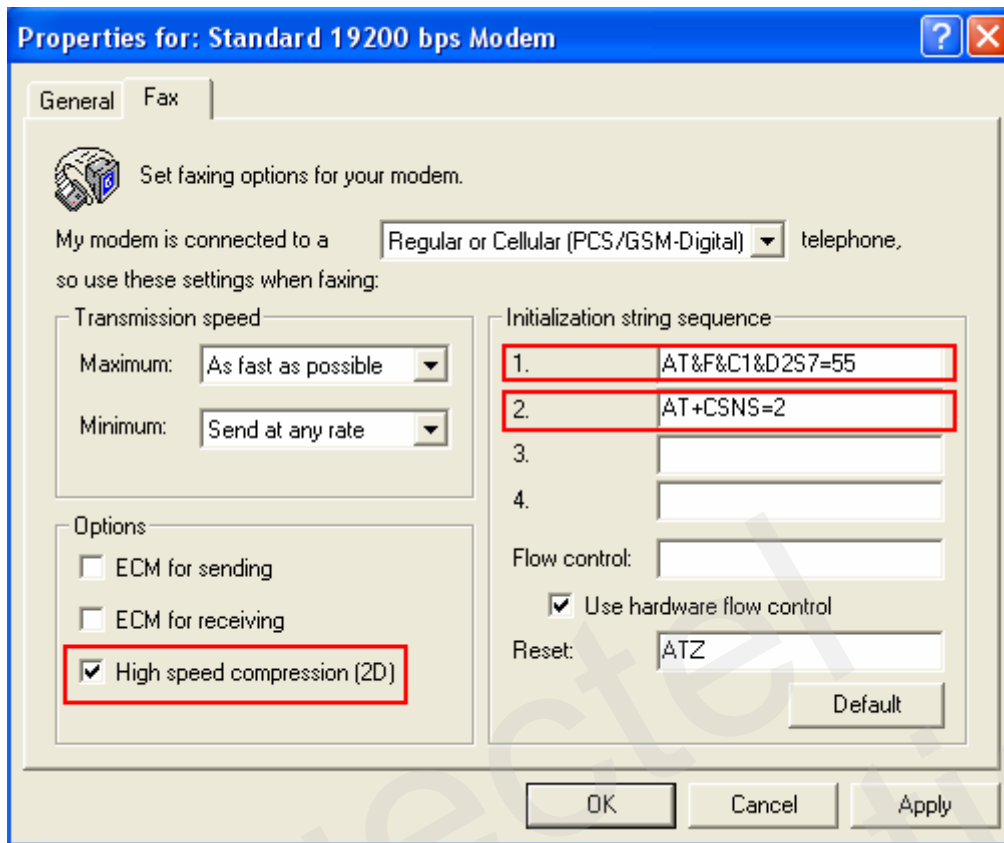


Figure 12: Properties for Standard 19200 bps modem Pic2

4. Send new fax

Step1: Please choose “*Send*”->“*Send New Fax*” in the main menu, and then a dialog box will appear as shown in the Figure 13.

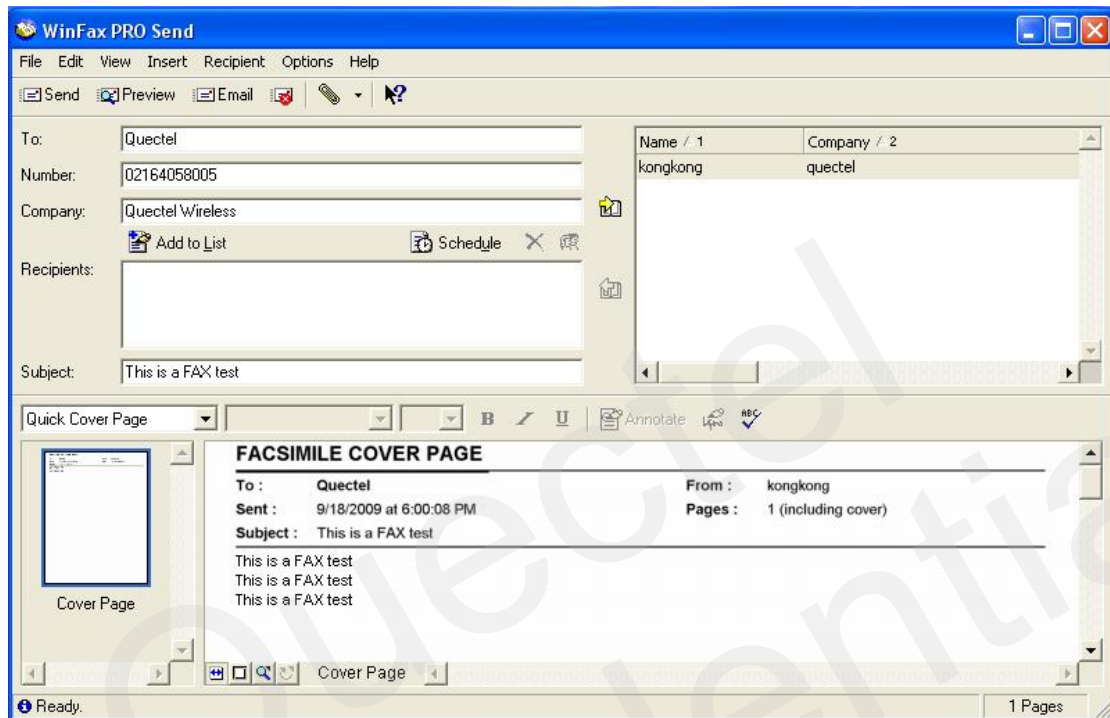
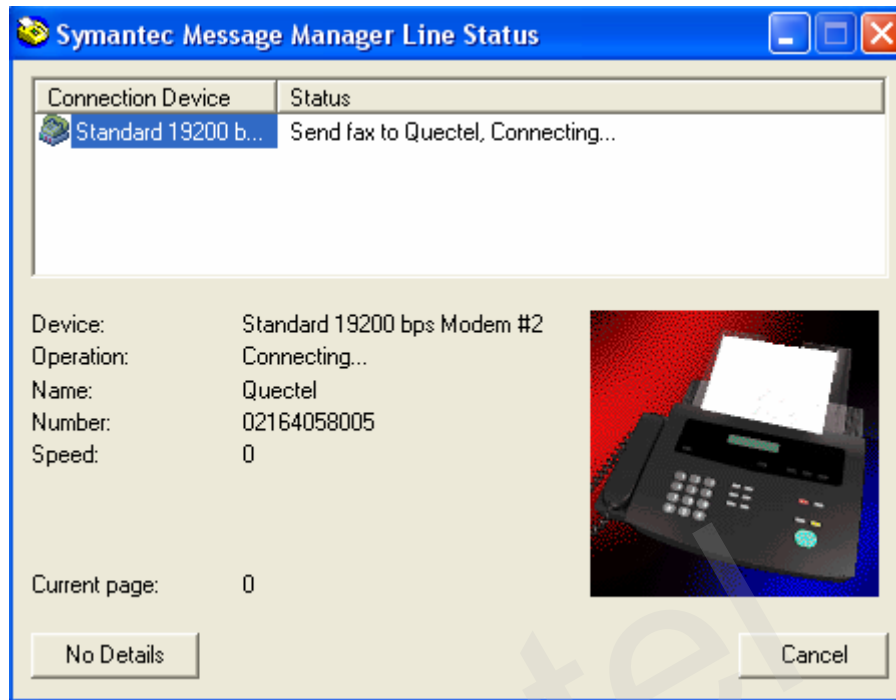


Figure 13: New Fax

Step2: After inputting the relative data, click “*Send*” to start the transmission. Figure 14 shows that the fax is being sent.

**Figure 14: Sending Fax**

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