USB Virtual COM Quick Start

User Guide

RF IDEAS

Install the Windows CDC Reader Configuration Utility

1. Plug the pcProx CDC device into the USB port. The Found New Hardware Wizard displays.

2. Select **Yes, this time only**. Click **Next**.
3. Check **Include this location in the search**.
4. Uncheck **Search removable media (floppy, CD-ROM...)**.

5. Select **Install from a list or specific location (Advanced)**. Click **Next**.

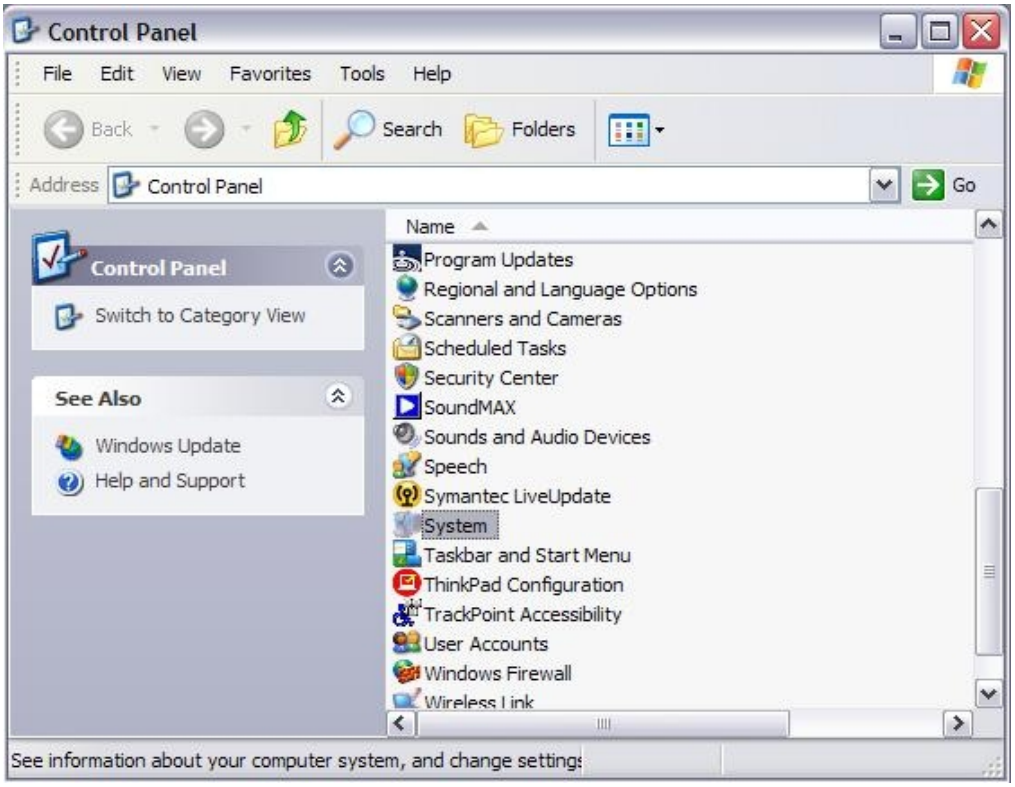
6. Click **Browse** and select the appropriate location. Click **Next**.

The Wizard installs the pcProx configuration utility.

7. Click **Finish**.

Verify COM Port Connection

1. Click **Start** → **Control Panel** → **System**.



2. Click the **Device Manager**. Open the **Ports** list. Verify a new COM port is assigned to the CDC device.

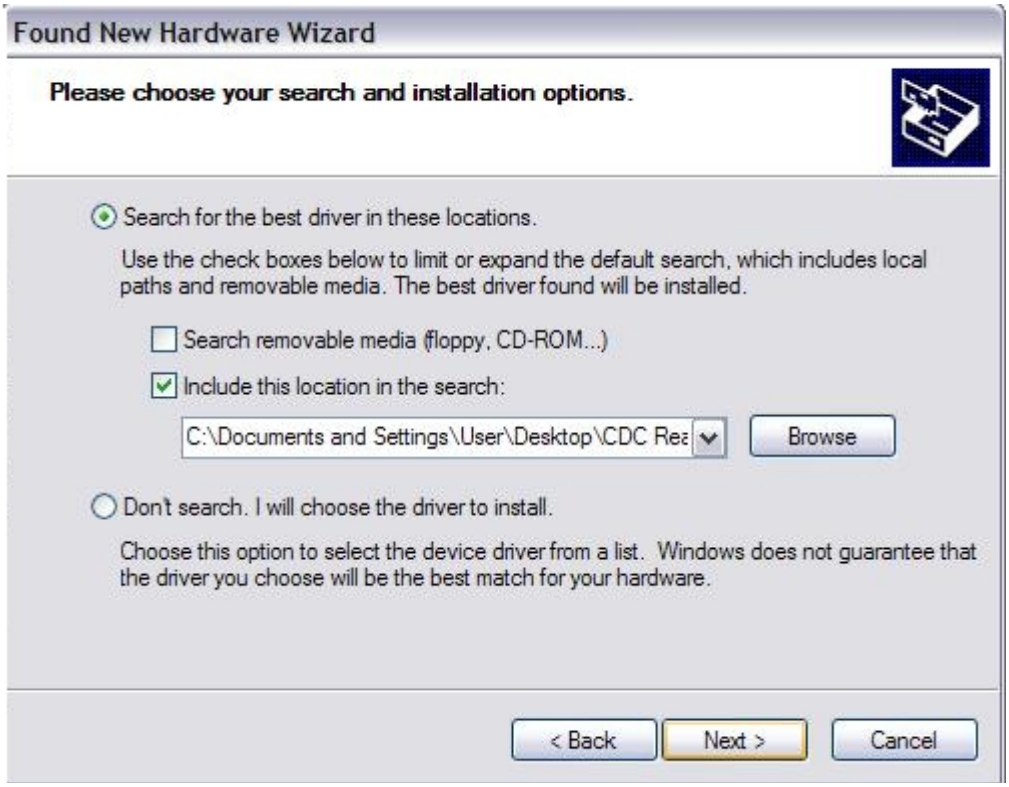
3. Close Device Manager.

Vista Installation

1. Plug the pcProx CDC device into the USB port. The Found New Hardware Wizard displays.
2. Select **Install from a list or specific location (Advanced)**. Click **Next**.

3. Check **Include this location in the search**.

4. Uncheck Search removable media (floppy, CD-ROM...).



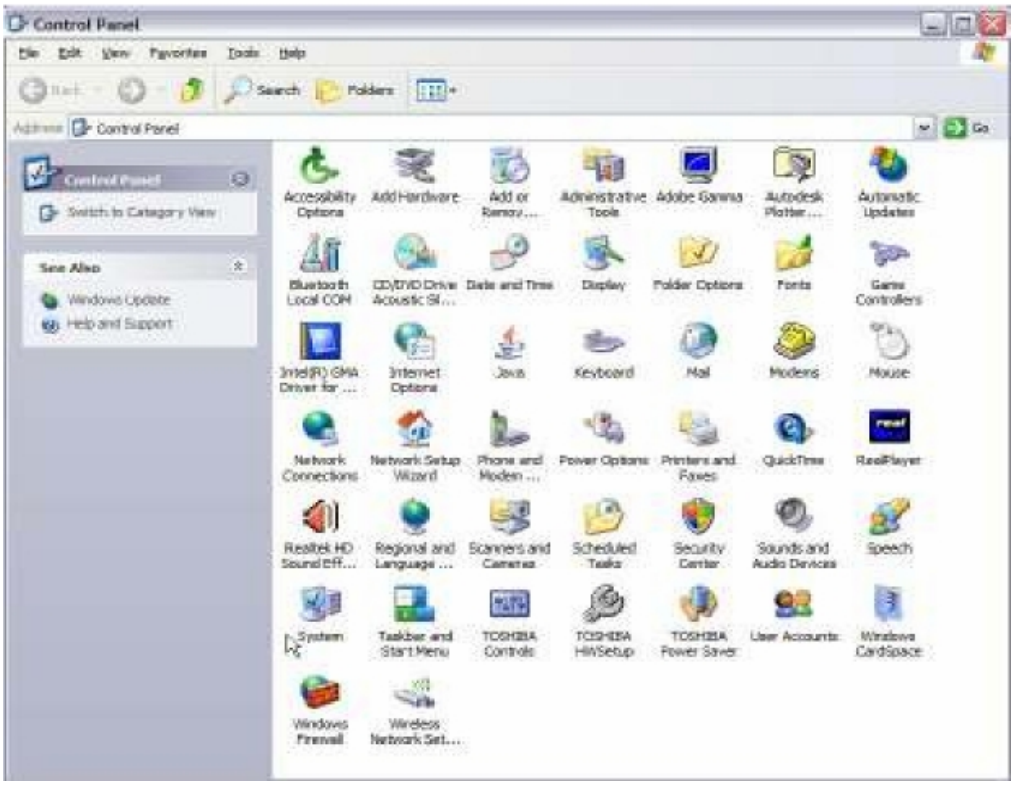
5. Click **Browse** and select the appropriate location. Click **Next**.

The Wizard installs the pcProx configuration utility.

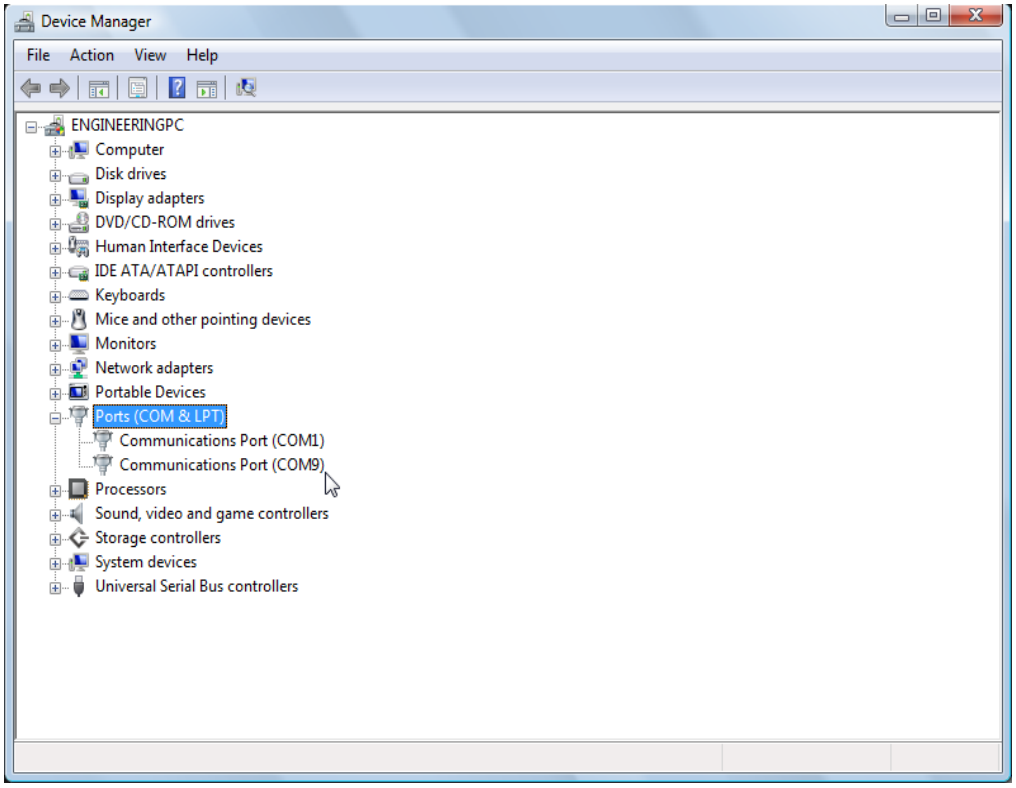
6. Click **Finish**.

Verify COM Port Connection

1. Click **Start** → **Control Panel** → **Device Manager**.



2. Open the **Ports** list. Verify a new COM port is assigned to the CDC device.



3. Close Device Manager.

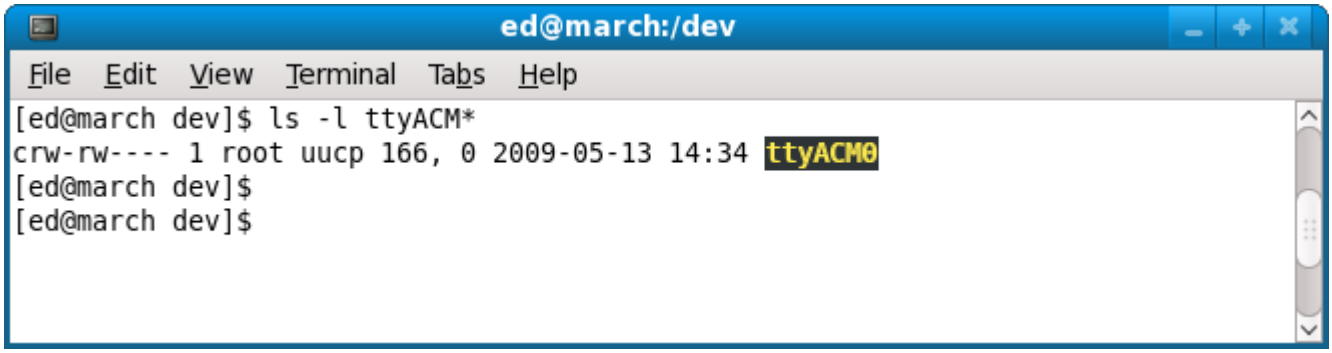
Linux Installation

1. Enter **cd /dev** to change directories.
2. Enter **ls -ltra** to sort the files by date.

Note any files with today's date.

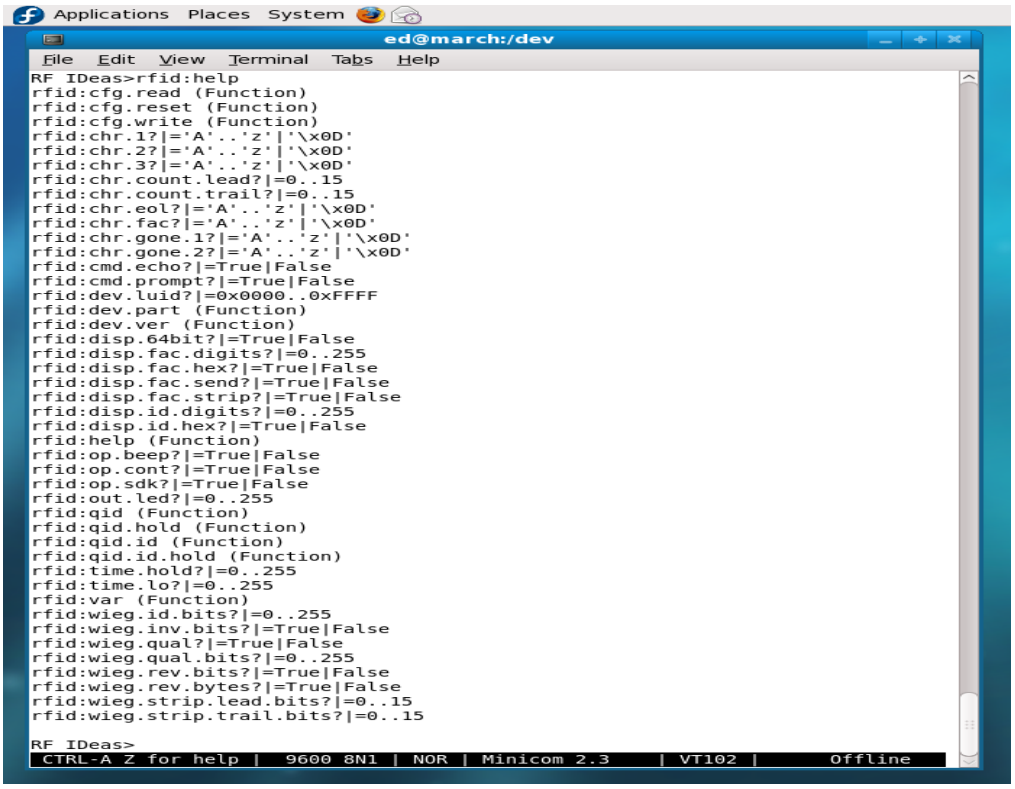
3. Plug in the device. Wait for the LED to turn red.
4. Enter **ls -ltra** in the /dev directory.

Typically, a new device file '*ttyACM0*' displays in the file list.



5. Open minicom. Press **Enter**.

6. Type **rfid:help** at the RFIDeas prompt.



Note: The baud rates do not matter for CDC devices.

MAC Installation

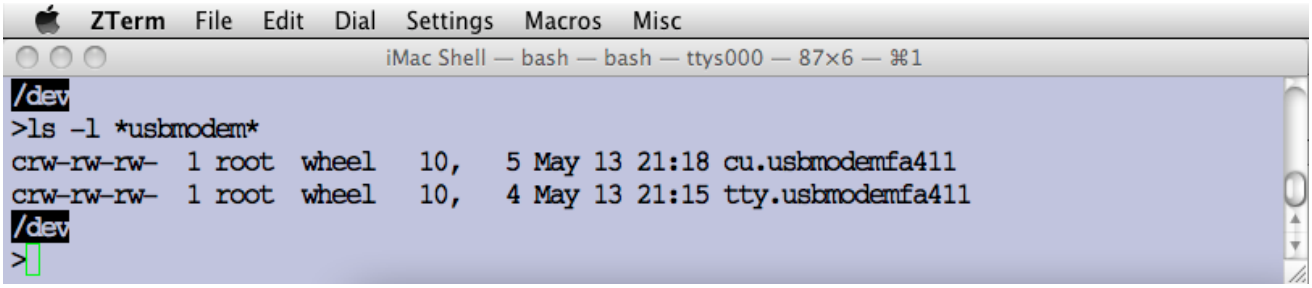
1. Enter **cd /dev** to change directories.
2. Enter **ls -ltra** to sort the files by date.

Note any files with today's date.

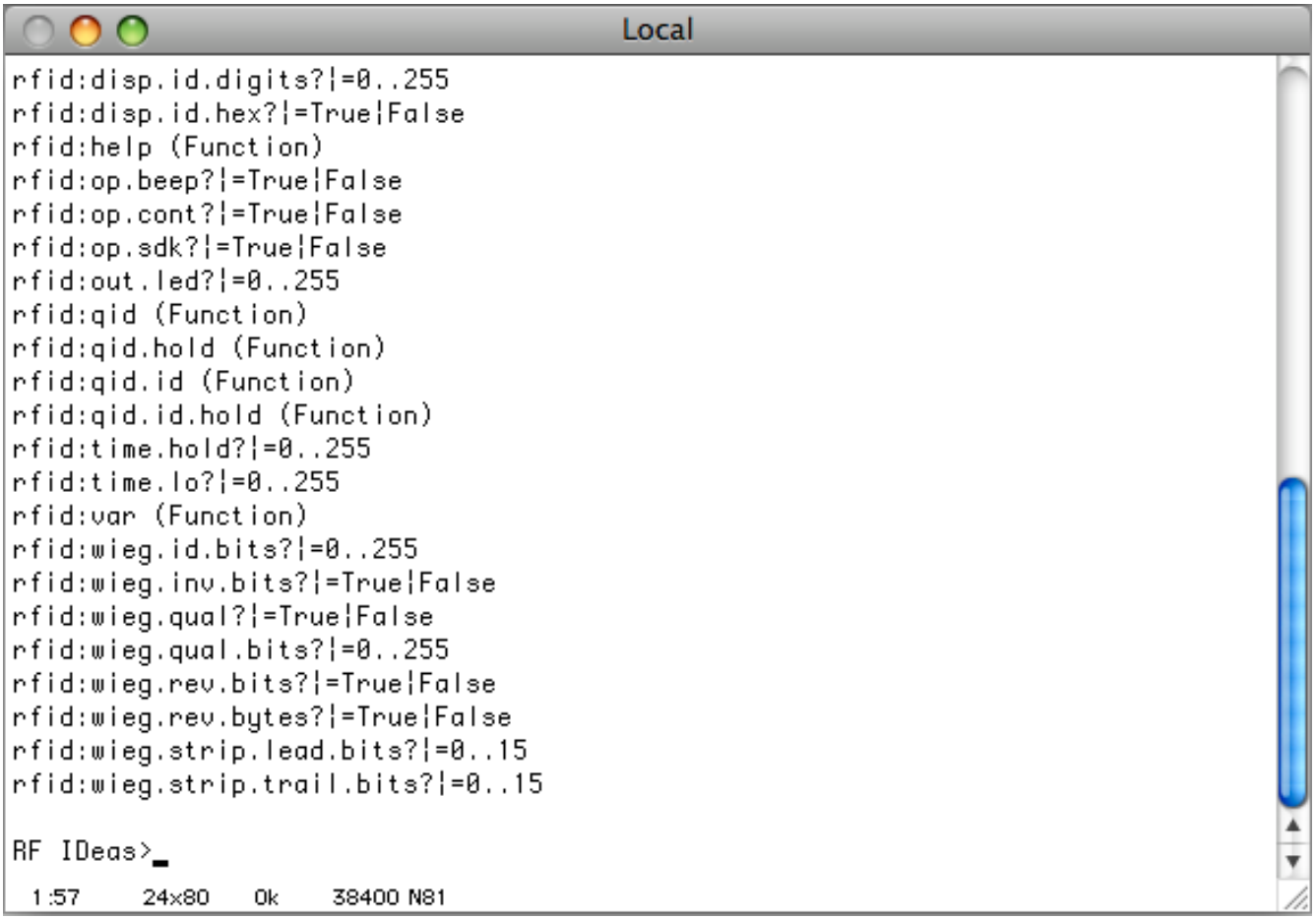
3. Plug in the device. Wait for the LED to turn red.
4. Enter **ls -ltra** in the /dev directory.

A new device file displays in the file list:

/dev/cu.usbmodemXXXXX
/dev/tty.usbmodemXXXXX



5. Download ZTerm (shareware) to display the serial devices.
6. Type **rfid:help** at the RFIDeas prompt.



Note: The baud rates do not matter for CDC devices.

Configuration Commands

All configuration commands begin with **rfid:**. Commands are not case sensitive.

Enter the following commands to familiarize yourself with the device:

- RF IDeas>**rfid:help** to get a list of commands
- RF IDeas>**rfid:var** to see the variables
- RF IDeas>**rfid:qid** to get the queued ID from the card
- RF IDeas>**rfid:op.sdk=t** to turn off the serial data
- RF IDeas>**rfid:op.sdk=f** to turn ON the serial data

For more details on these commands go the the 'ASCII Command Protocol' section in the pcProx, pcProx Plus, AIR ID Enroll and Wiegand Converter Configuration Utility User Manual.