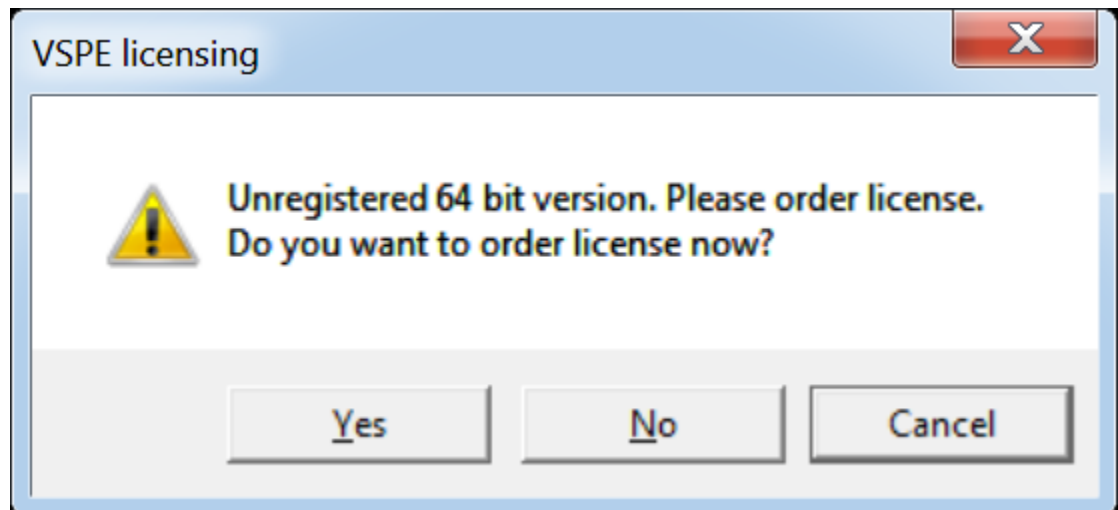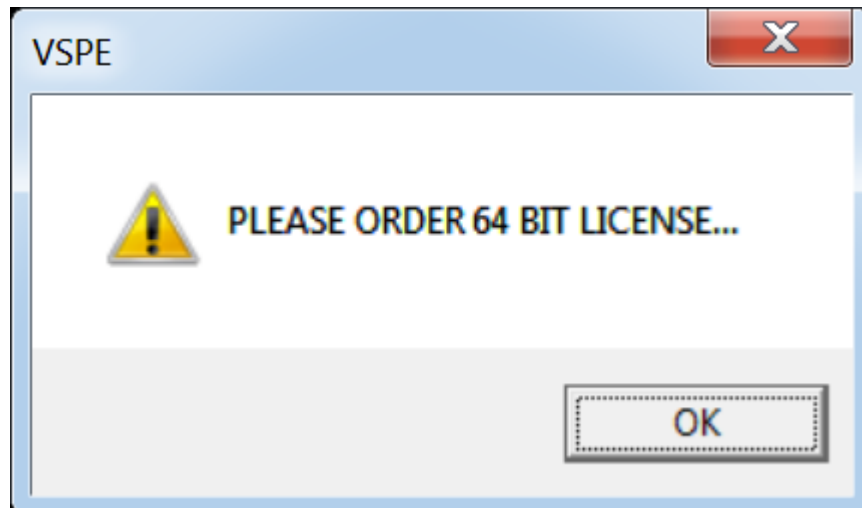# How to connect to pin pads in a RDP environment
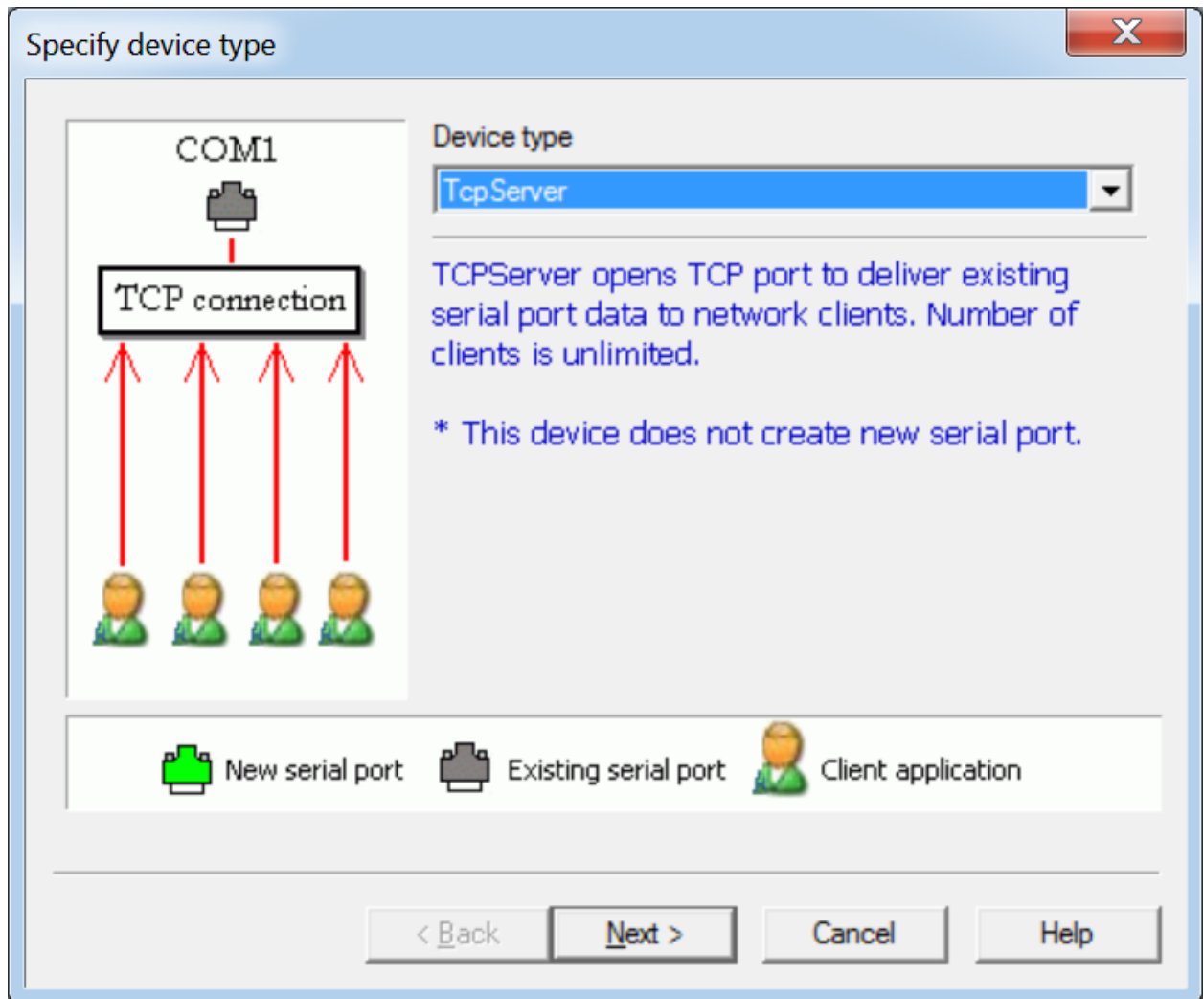
On the terminal:

1. Install Ingenico Driver and force the COM port to be COM91
2. Install VSPE (Download SetupVSPE.exe)
3. Run "VSPE" from "Start Menu"; click the appropriate button if prompted:
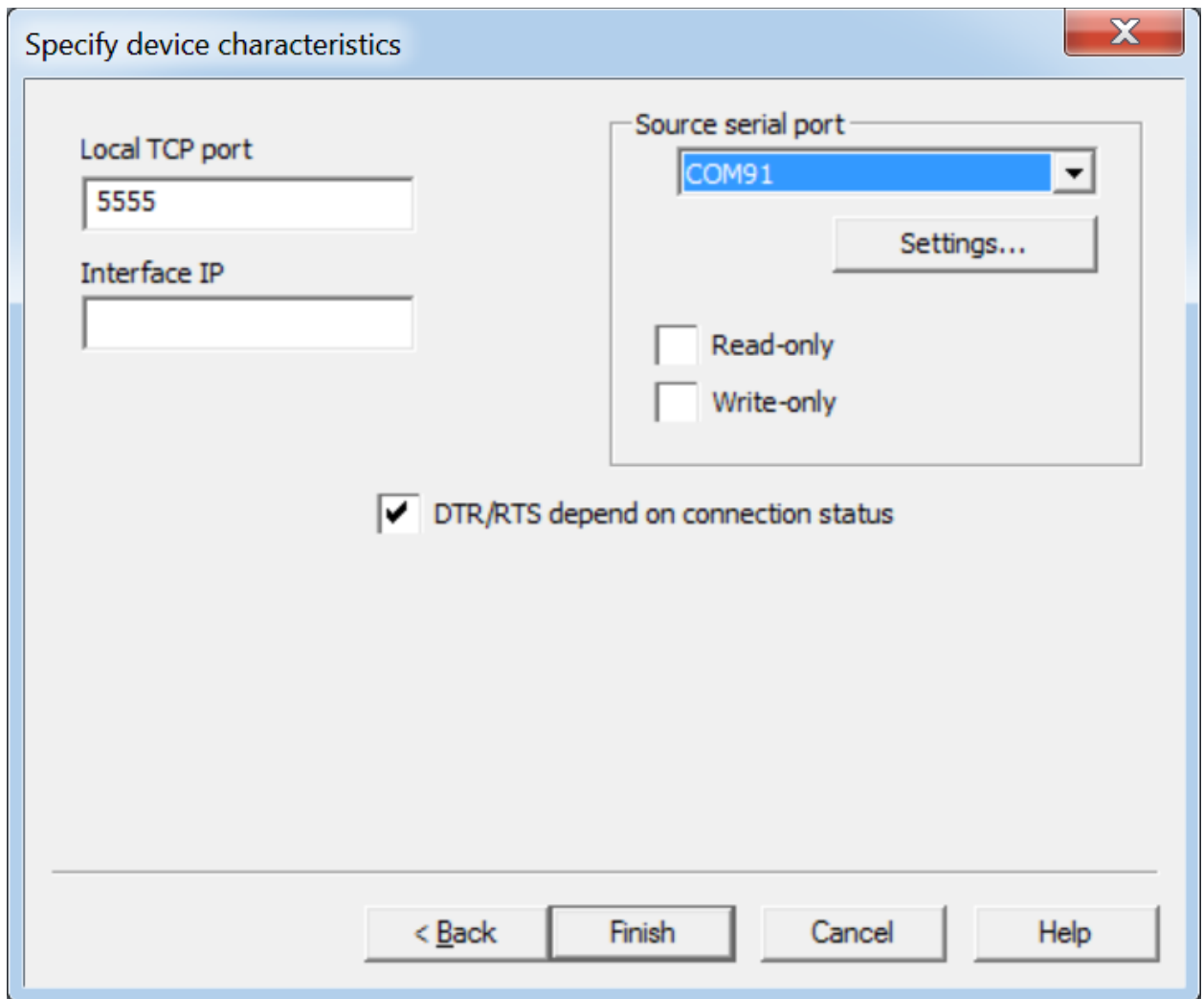   a. Click "Cancel" when prompted "Do you want to order license now?"

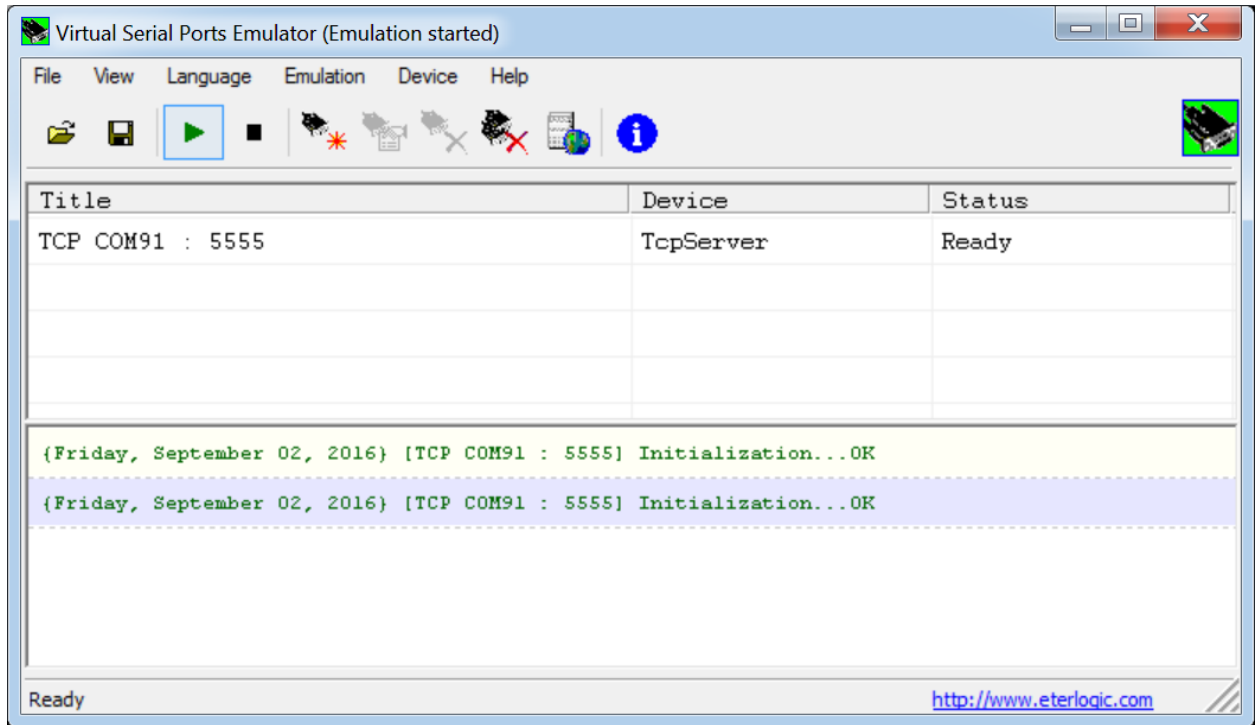   b. Click "OK" when prompted "PLEASE ORDER 64 BIT LICENSE…"

4. Click on "Devices" → "Create…"
5. Select "TcpServer" under "Device type", then click "Next >"

6. Select port "COM91" under "Source serial port", then click "Finish"

Specify device characteristics

Local TCP port

5555

Interface IP

Source serial port

COM91

Settings...

☐ Read-only

☐ Write-only

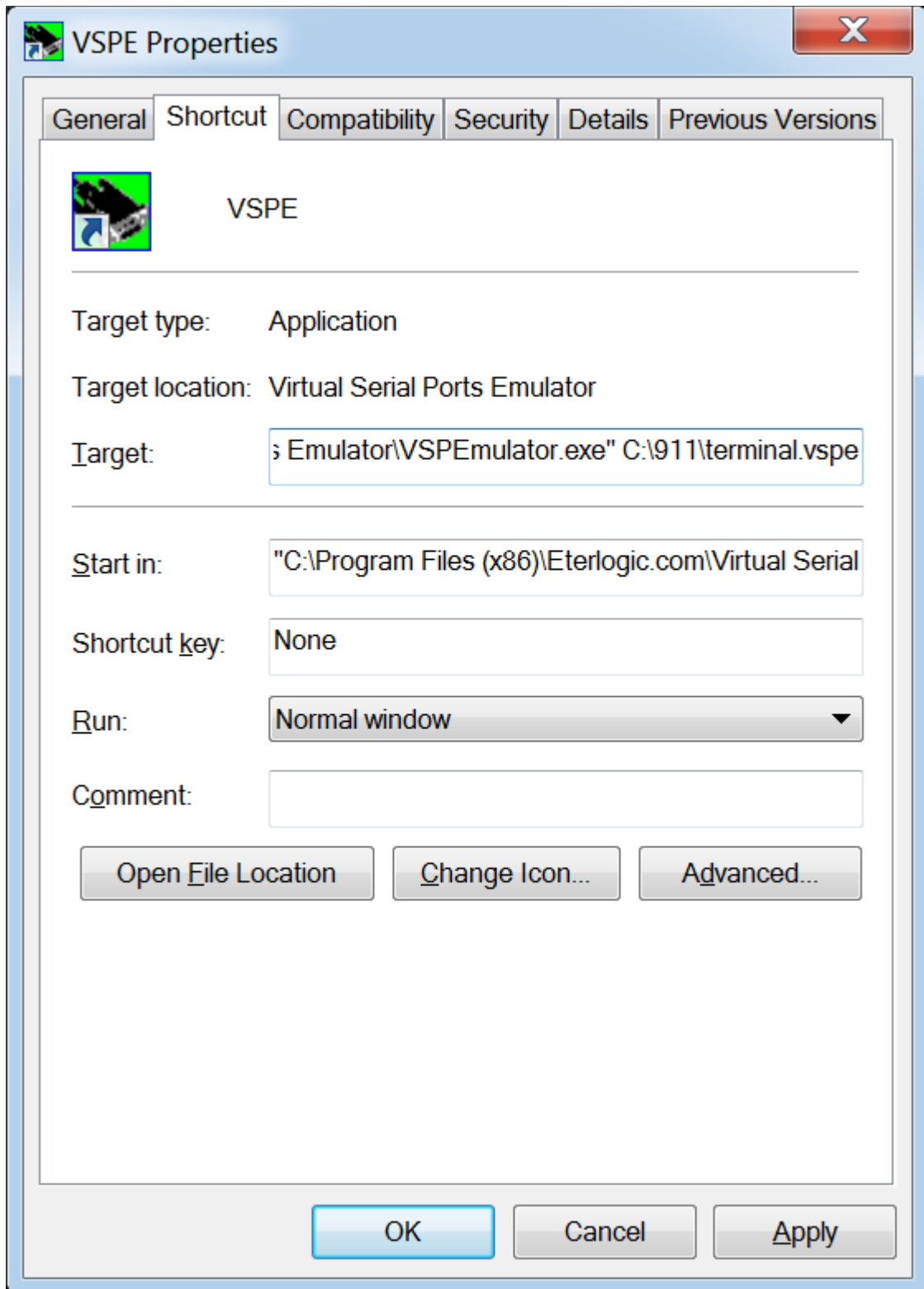☑ DTR/RTS depend on connection status

< Back   Finish   Cancel   Help

7. VSPE shows the added emulation:

8. Click "Save configuration…" and name the file "C:\911\terminal.vspe"

9. Modify the properties of the shortcut "VSPE" on desktop, and add "C:\911\terminal.vspe" after "VSPEmulator.exe" under "Target"
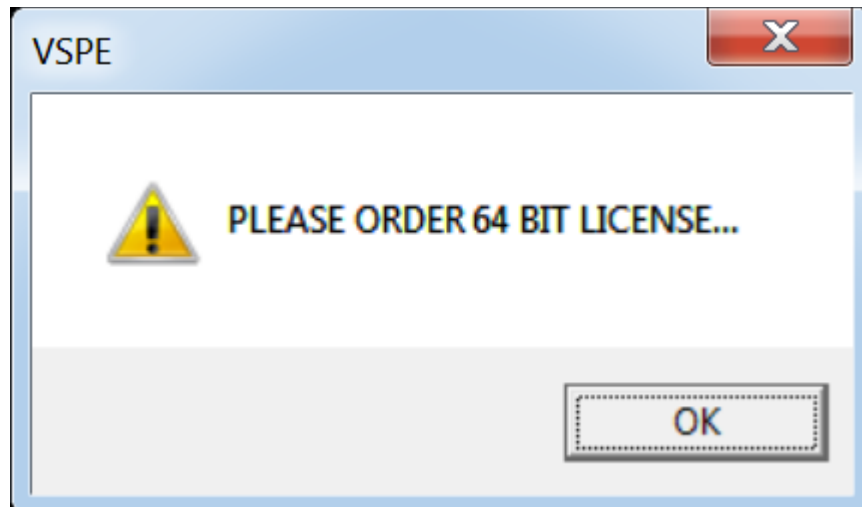
On the server:

1. Install VSPE (Download SetupVSPE.exe)

2. Run "VSPE" from "Start Menu"; click the appropriate button if prompted:
    a. Click "Cancel" when prompted "Do you want to order license now?"

VSPE licensing

⚠ Unregistered 64 bit version. Please order license.
Do you want to order license now?

Yes   No   Cancel

    b. Click "OK" when prompted "PLEASE ORDER 64 BIT LICENSE…"

VSPE

⚠ PLEASE ORDER 64 BIT LICENSE...

OK
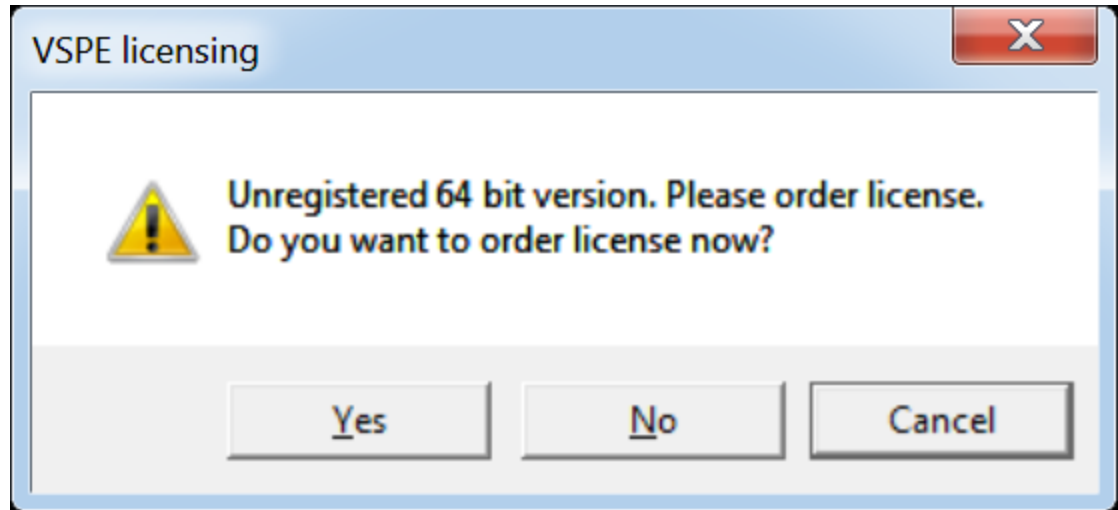
3. To create the link to terminal 1, click on "Devices" → "Create…"
4. Select "Pair" under "Device type", then click "Next >"
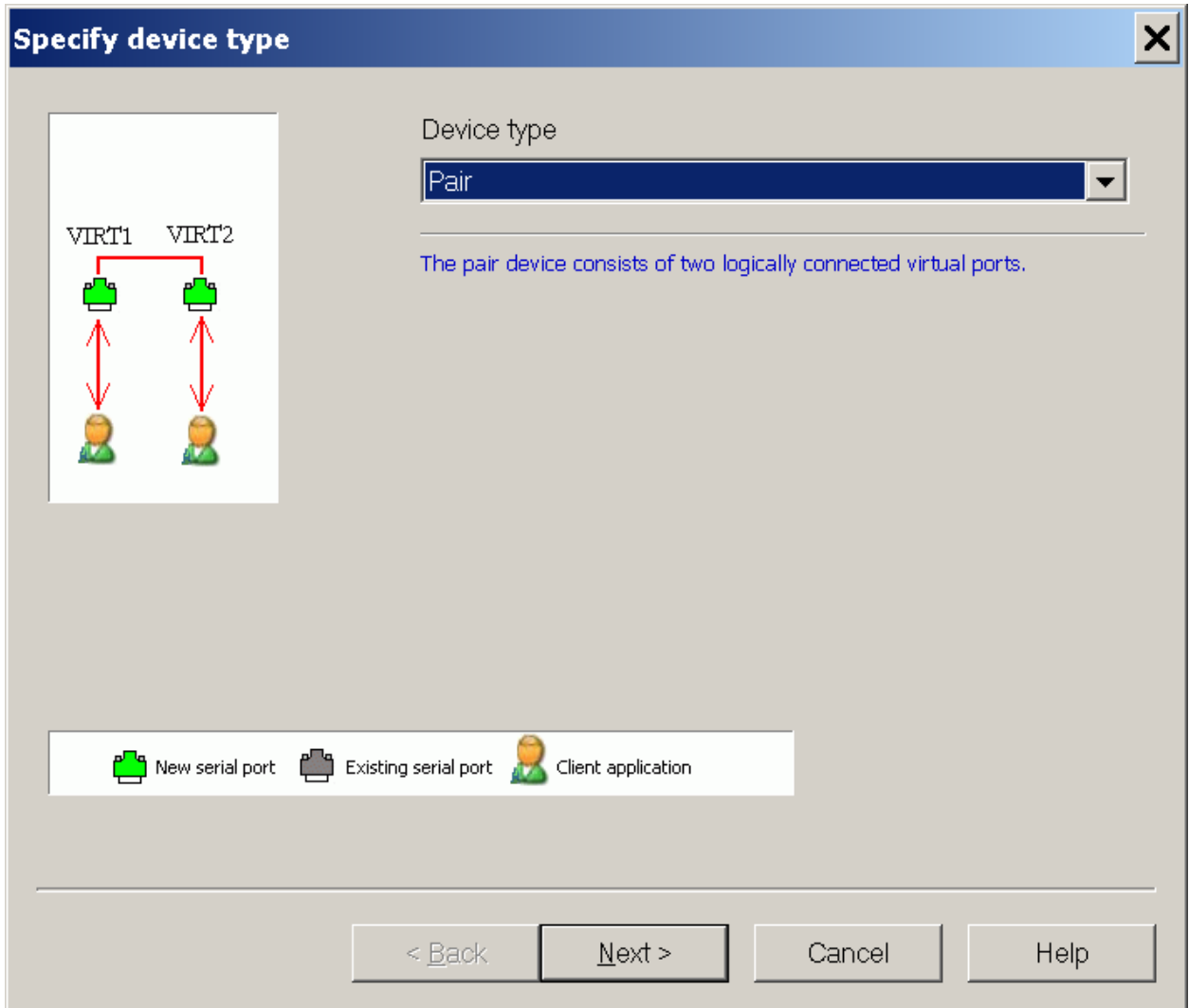
5. Select "COM101" under "Virtual serial port 1" and "COM201" under "Virtual serial port 2", check "Emulate baud rate (optional)", then click "Finish"
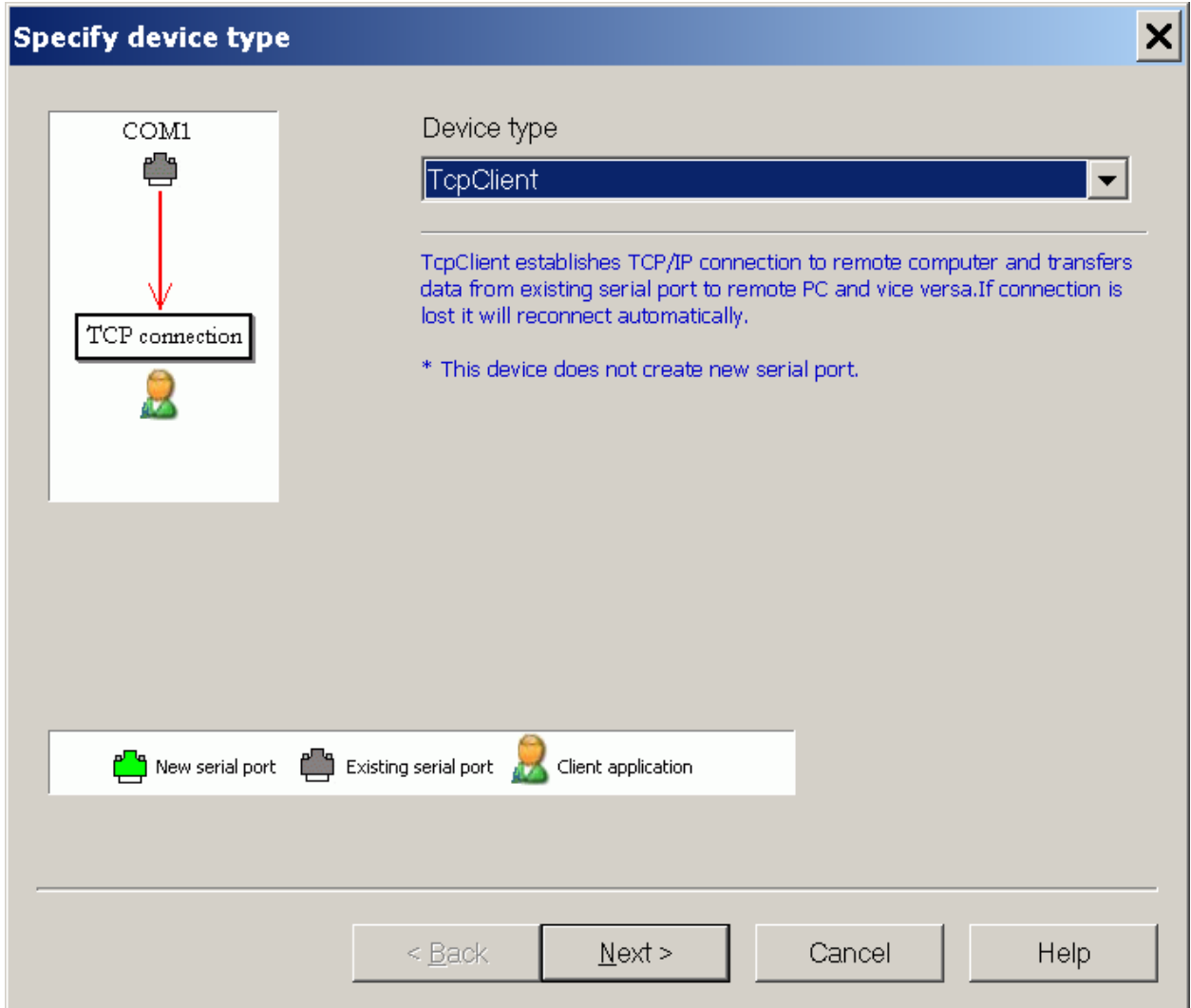
Specify device characteristics

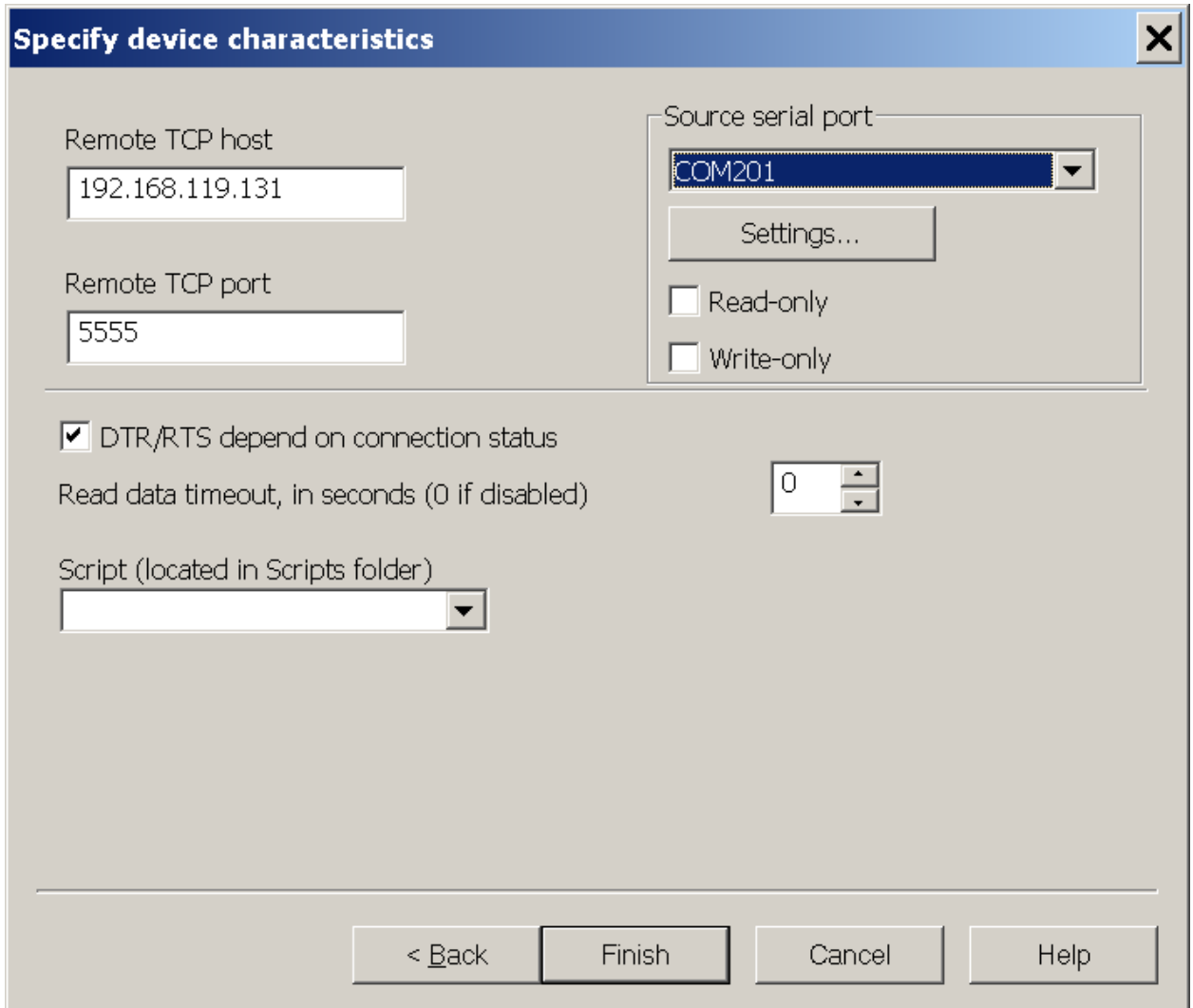Virtual serial port 1

COM101

Virtual serial port 2

COM201

☑ Emulate baud rate (optional)

< Back   Finish   Cancel   Help

6. Click on "Devices" → "Create…"
7. Select "TcpClient" under "Device type", then click "Next >"

8. Enter the IP address of the terminal under "Remote TCP host", select "COM201" under "Source serial port", then click "Finish"
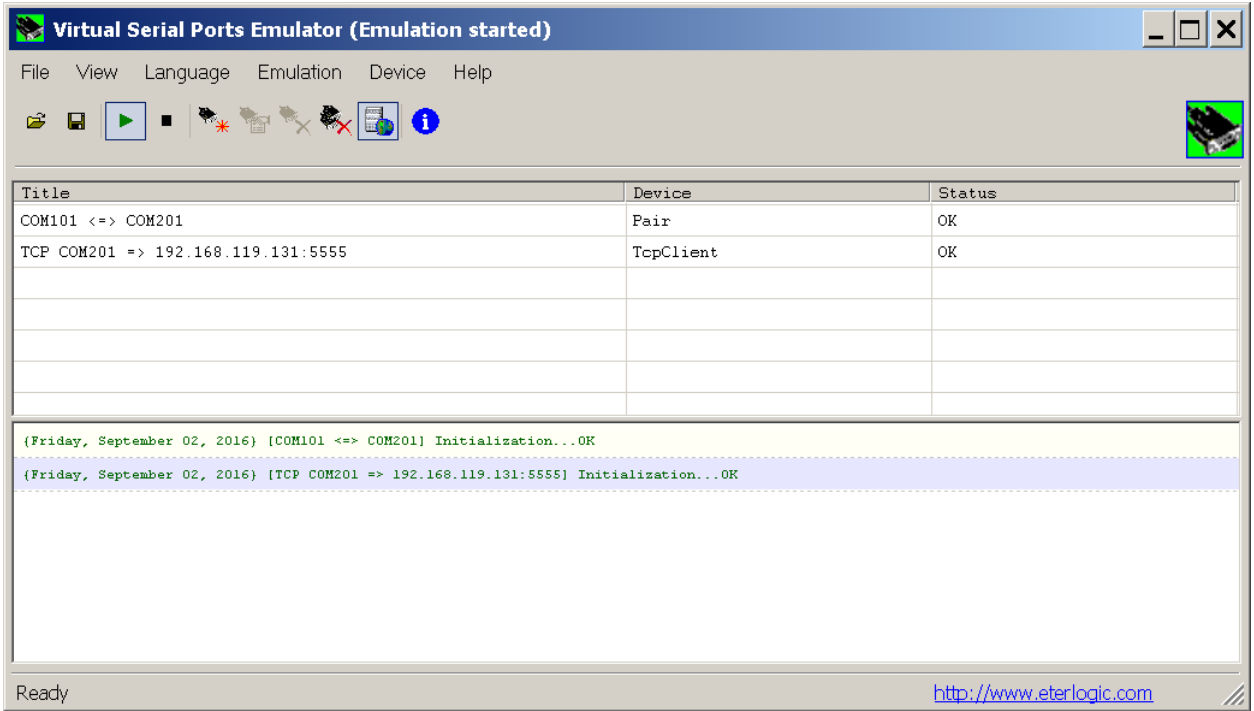
9. VSPE shows the added emulations:

10. Click "Save configuration…" and name the file "C:\911\server.vspe"

11. Modify the properties of the shortcut "VSPE" on desktop, and add "C:\911\server.vspe" after "VSPEmulator.exe" under "Target"

VSPE Properties

| General | Shortcut | Compatibility | Security | Details | Previous Versions |

VSPE

Target type: Application

Target location: Virtual Serial Ports Emulator

Target: rts Emulator\VSPEmulator.exe" C:\911\server.vspe

Start in: "C:\Program Files (x86)\Eterlogic.com\Virtual Serial

Shortcut key: None

Run: Normal window

Comment:

Open File Location   Change Icon...   Advanced...

OK   Cancel   Apply
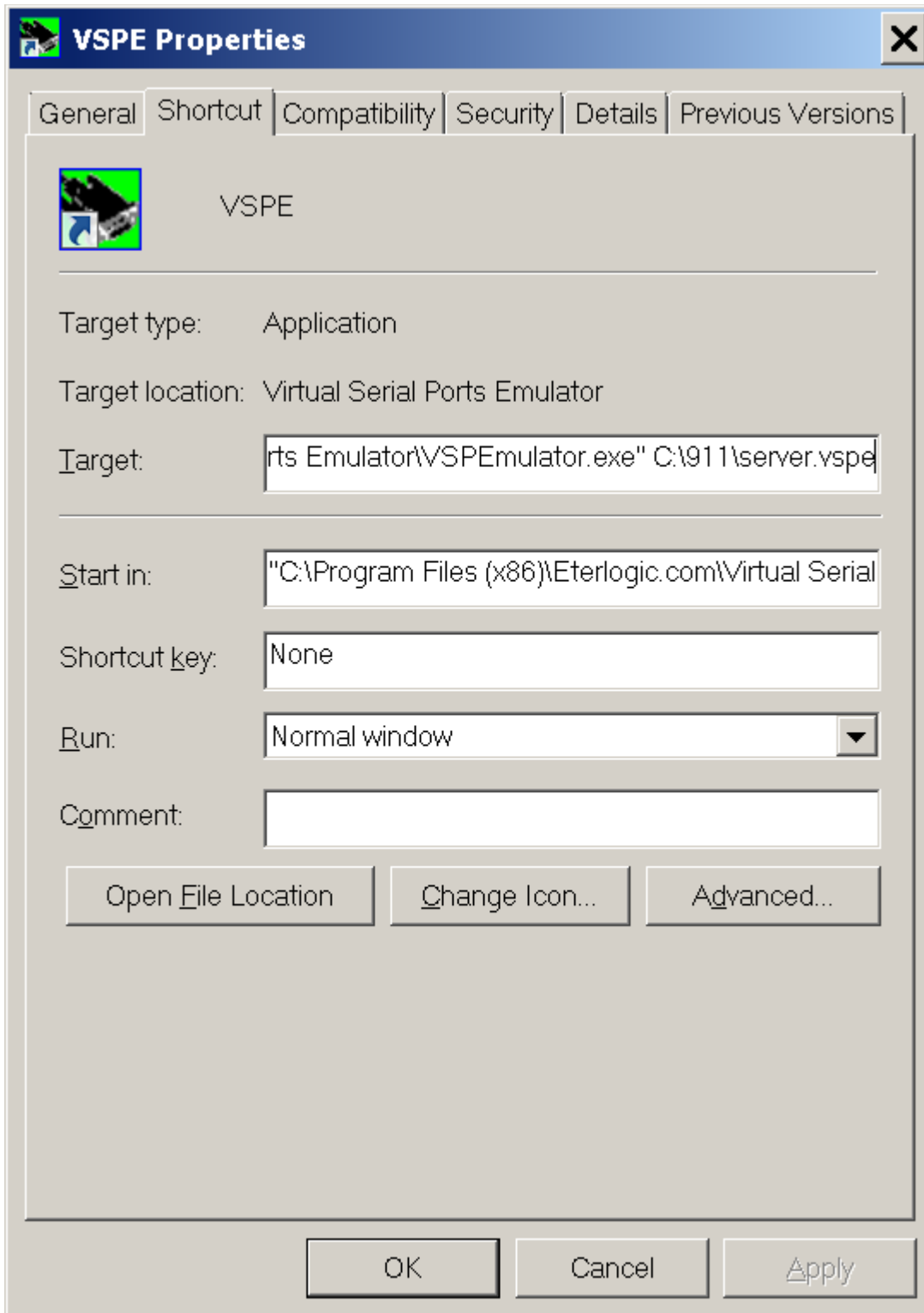
12. Repeat steps 3 to 8 for terminal 2 and use "COM102" and "COM202" in please of "COM101" and "COM201" as well as the correct IP address for terminal 2.

13. Repeat steps again for the rest of terminals, change "COM101", "COM201", IP address accordingly.

In CLCAPI.INI

1. Change port setting for terminal 1 to "PortDef=COM101:9600,n,8,1"
2. Change port setting for terminal 2 to "PortDef=COM102:9600,n,8,1"
3. Change port setting for the rest of the terminals with the correct COM number