## 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?"

VSPE licensi	ng		X
	Unregistered 64 bit	version Dlease	order license
	Do you want to ord	er license now?	
	<u>Y</u> es	<u>N</u> o	Cancel

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



- 4. Click on "Devices"  $\rightarrow$  "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         Read-only         Write-only         DTR/RTS depend on connection status
<	Back Finish Cancel Help

7. VSPE shows the added emulation:

Virtual Serial Ports Emulator (Emulation started)		- <b>X</b>
File View Language Emulation Device Help		
🖻 🖬 🕨 = 🐂 🐂 🛰 🇞 🌄 🕻	0	<b>*</b>
Title	Device	Status
TCP COM91 : 5555	TcpServer	Ready
(Friday, September 02, 2016) [TCP COM91 : 5555]	Initialization OK	
{Friday, September 02, 2016} [TCP COM91 : 5555]	Initialization OK	
Ready		http://www.eterlogic.com
incom y		indpit/trittecenodicicom

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"

NSPE Propertie	es 🛛 🗶
General Shortcur	t Compatibility Security Details Previous Versions
Vs	PE
Target type:	Application
Target location:	Virtual Serial Ports Emulator
<u>T</u> arget:	SEmulator\VSPEmulator.exe" C:\911\terminal.vspe
<u>S</u> tart in:	"C:\Program Files (x86)\Eterlogic.com\Virtual Serial
Shortcut <u>k</u> ey:	None
<u>R</u> un:	Normal window
Comment:	
Open <u>F</u> ile Lo	Change Icon Advanced
	OK Cancel <u>A</u> pply

## 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 licensi	ng		X
<u>^</u>	Unregistered 64 bi Do you want to or	t version. Please o der license now?	rder license.
	<u>Y</u> es	<u>N</u> o	Cancel

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

VSPE	X
<u>^</u>	PLEASE ORDER 64 BIT LICENSE
	OK

- 3. To create the link to terminal 1, click on "Devices"  $\rightarrow$  "Create..."
- 4. Select "Pair" under "Device type", then click "Next >"

Specify device type		X
VIRTI VIRT2	Device type          Pair         The pair device consists of two logically connected virtual ports.	
Page New serial port	Existing serial port  Client application	
	< <u>B</u> ack <u>N</u> ext > Cancel Help	

5. Select "COM101" under "Virtual serial port 1" and "COM201" under "Virtual serial port 2", check "Emulate baud rate (optional)", then click "Finish"

pecify device characteristics	>
Virtual serial port 1 COM101	Virtual serial port 2 COM201
<ul> <li>Emulate baud rate (optional)</li> </ul>	
< <u>B</u> ack	Finish Cancel Help

- 6. Click on "Devices"  $\rightarrow$  "Create..."
- 7. Select "TcpClient" under "Device type", then click "Next >"

Specify device type	<u>د</u>	×
COM1	Device type TcpClient  TcpClient  TcpClient establishes TCP/IP connection to remote computer and transfers data from existing serial port to remote PC and vice versa.If connection is lost it will reconnect automatically.  * This device does not create new serial port.	
New serial port	Existing serial port Relation	
	< <u>B</u> ack <u>N</u> ext > Cancel Help	

8. Enter the IP address of the terminal under "Remote TCP host", select "COM201" under "Source serial port", then click "Finish"

cify device characteri	stics			
Remote TCP host 192.168.119.131		-Source serial COM201 Setting	5	<b>T</b>
5555		Read-only	<i>,</i>	
<ul> <li>DTR/RTS depend on co Read data timeout, in seco</li> <li>Script (located in Scripts for</li> </ul>	nnection status nds (0 if disabled) ilder)	0	*	
	•			

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	
NS VS	PE	
Target type:	Application	
Target location:	Virtual Serial Ports Emulator	
<u>T</u> arget:	rts Emulator\VSPEmulator.exe" C:\911\server.vspe	
<u>S</u> tart in:	"C:\Program Files (x86)\Eterlogic.com\Virtual Serial	
Shortcut <u>k</u> ey:	None	
<u>R</u> un:	Normal window	
C <u>o</u> mment:		
Open <u>F</u> ile Lo	cation <u>Change Icon</u> A <u>d</u> vanced	
	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