

How to configure COM Ports to use Pin-Pads over Terminal Services(TM)

Applies To: Windows 2003 Server or newer ONLY

THE PROCESS

On the Client Machine

In the Client's "Remote Desktop Connection" select Options > Local Resources then check the [Serial Ports] option. On the Terminal Server Machine

Open Group Policy (to open the Group Policy Editor, go to run and type: gpedit.msc, In Computer Configuration, Administrative Templates, Windows Components, Terminal Services, Client/Server data redirection, double-click on Do not allow COM port redirection, and then click Disabled (to enable redirection).

Is there a way to check if my local COM ports are being redirected?

You can use the CHANGE PORT /QUERY command. Simply start a command prompt window and type the following command:

```
change port /query
```

You should see a similar output to the following:

```
AUX = \DosDevices\COM1
```

```
COM1 = \Device\RdpDrPort\;COM1:2\tsclient\COM1
```

```
COM2 = \Device\RdpDrPort\;COM2:2\tsclient\COM2
```

```
COM3 = \Device\RdpDrPort\;COM3:2\tsclient\COM3
```

```
LPT1 = \Device\RdpDrPort\;LPT1:2\tsclient\LPT1
```

```
PRN = \DosDevices\LPT1
```

As seen above all COM ports (1 to 3) are being redirected from session 2 (:2 after the COM port).

If the ports were not being redirected your output would be similar to this:

```
AUX = \DosDevices\COM1
```

```
COM1 = \Device\Serial0
```

```
COM2 = \Device\Serial1
```

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