

# Re: How to control the Scanner which connect with a Thin Terminal?

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*Source:*

[http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.terminal\\_services/2006-01/msg00178.html](http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.terminal_services/2006-01/msg00178.html)

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- *From:* "Vera Noest [MVP]" <[vera.noest@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:vera.noest@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Sat, 07 Jan 2006 11:32:59 -0800
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No, that's not how it works.

Some devices (for example: keyboards and printers) work within an rdp or ica session, when they are connected to an USB port, but such a redirection is done on the level of the device, not the port.

>From [http://ts.veranoest.net/ts\\_faq.htm](http://ts.veranoest.net/ts_faq.htm)

Q. How can I connect to my local scanner in a TS session?

A. Windows rdp does not support redirection of local scanners (Device Level redirection) or USB ports (Port Level redirection).

For an explanation of Device versus Port Level redirection, see Citrix KB article

CTX816193 – USB Support in MetaFrame Products

<http://knowledgebase.citrix.com/kb/entry.jspa?externalID=CTX816193>

which applies to Citrix PS 3.0 and native Windows 2003 Terminal Services.

So as Patrick already wrote, you will need some 3rd party software.

Citrix Presentation Server 4.0 (Enterprise and Advanced Editions only) provides TWAIN support; local scanners and USB attached digital cameras are now supported.

Other solutions are based on sharing the scanner on the network.

This can be done with a number of 3rd party utilities:

\* RemoteScan – lets you share any kind of TWAIN scanner (SCSI / USB / Firewire, etc.)

<http://www.remote-scan.com/>

\* LWP DokScan for RDP

<http://www.lwp.de/dokscanrdp.html?&L=1>

\* ScanShare Pro – from Netcore (SCSI scanners only)

<http://www.netcore.com.tw/product.htm>

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\* Some scanner models include network scanner sharing, and are accessible by terminal server users.

Note that other devices, such as keyboards and printers, work perfectly well when connected to a local USB port, thanks to Device Level redirection.

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Vera Noest  
MCSE, CCEA, Microsoft MVP – Terminal Server  
TS troubleshooting: <http://ts.veranoest.net>  
SQL troubleshooting: <http://sql.veranoest.net>  
\_\_\_ please respond in newsgroup, NOT by private email \_\_\_

"zf" <zfan333@xxxxxxxx> wrote on 07 jan 2006 in microsoft.public.windows.terminal\_services:

> Thank you for your response!  
> I see some articles , they says ICA/RDP can map  
> thin-client's I/O ports  
> to terminal server, so programms can deal thin-client's I/O  
> ports the same as ports on terminal server. If that's true?? If  
> thin-client's usb port can be mapped to the server, does that  
> mean scanner can run in WinCE terminal ??  
>  
> Thanks again...  
>  
> "Patrick Rouse" <PatrickRouse@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>  
> Ð`ÈëÏûÏçÐÂÎÁ:0507879C-F390-4602-B127-C2A7D0AB0FCE@xxxxxxxxxxxxxxxx  
> .  
>>I hate to deliver bad news, but to use scaners over an RDP  
>>connection you  
>> need both:  
>>  
>> 1. 3rd party application like Remote-Scan  
>> 2. Thin-Client Terminal w/ XPe  
>>  
>> The reason you need XPe is because you need to be able to  
>> install the scanner driver on the thin-client and the  
>> Remote-Scan server software on the  
>> thin-client.  
>>  
>> I use Wyse 9150SE Thin-Clients with USB Attached Scanners and  
>> Remote-Scan and they work very well. I even have several PC  
>> workstations running remote-scan so we can scan across a  
>> wireless bridge using terminal server and  
>> limited bandwidth.  
>>  
>> 3rd party add-ons like Remote-Scan:  
>> <http://www.sessioncomputing.com/add-on.htm>  
>>

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>> Thin-Client hardware & Software:  
>> <http://www.sessioncomputing.com/thin-clients.htm>  
>>  
>>  
>>  
>> --  
>> Patrick Rouse  
>> Microsoft MVP – Terminal Server  
>> <http://www.sessioncomputing.com>  
>>  
>>  
>> "zf" wrote:  
>>  
>>> Hi, all.  
>>> My custom is planning to buy several scanner to used on  
>>> his WindowsCE  
>>> based thin terminal.Scanner was connected to terminal with USB  
>>> port.As we all know, applications all run in the server in  
>>> windows terminal\_services based network. So how can I drive  
>>> the scanner's in terminal??  
>>>  
>>> Server: Windows2000 + Terminal Server2003  
>>> Client: WindowsCE 4.2 embeded.  
>>> Scanner connect: USB  
>>>  
>>> Thanks for any help!~~  
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• **Follow-Ups:**

- ◆ **[Re: How to control the Scanner which connect with a Thin Terminal?](#)**  
◇ From: Patrick Rouse

• **References:**

- ◆ **[How to control the Scanner which connect with a Thin Terminal?](#)**  
◇ From: zf
- ◆ **[Re: How to control the Scanner which connect with a Thin Terminal?](#)**  
◇ From: zf
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