

# Re: Terminal server client and old dos programs

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*Source:*

[http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.terminal\\_services/2005-11/msg00170.html](http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.terminal_services/2005-11/msg00170.html)

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- *From:* "Patrick Rouse" <[PatrickRouse@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:PatrickRouse@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Mon, 7 Nov 2005 10:03:04 -0800
- 

When running on the console, will it run in windowed mode, or only full screen?

Does this program reference any client side ini files?

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Patrick Rouse  
Microsoft MVP – Terminal Server  
<http://www.sessioncomputing.com>

"Jo Lambrecht" wrote:

- > I wanted to reply already for the session, printing issue i have not tested
- > yet.but i'll let you know.
- >
- > As for the session,
- > It works perfect from the server console.
- > If i make a TS-session on the server itself as an administrator or as a user
- > i get the NTVDM-error.
- >
- >
- > Regards,
- > Jo Lambrecht
- >
- >
- > "Patrick Rouse" <[PatrickRouse@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:PatrickRouse@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)> wrote in message
- > [news:27C36398-6667-45D6-A1D4-AF474026490F@xxxxxxxxxxxxxxxxxxxxx](mailto:news:27C36398-6667-45D6-A1D4-AF474026490F@xxxxxxxxxxxxxxxxxxxxx)
- >> 1. No full-screen for DOS applications in Terminal Server. The closest
- >> you
- >> can get is by simulating full-screen with a window that covers the entire
- >> screen. Check out FullScreenDOS.
- >>
- >> 2. What is your printing requirement, i.e. print to network printer or to
- >> locally attached printer? Since DOS doesn't see Windows Printers, you'll
- >> have to redirect LPT1 (or whatever port your app requires) to the correct
- >> network printer via "NET USE LPT1: \\Server\PrinterShareName", or via WSH
- >> equivalent.
- >>
- >>

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>> Printer Scripts here:  
>> <http://www.sessioncomputing.com/printing.htm>  
>>  
>> If you need to print to the locally attached printer you can either share  
>> it  
>> and map it via "NET USE LPT1: \\tsclient\PrinterShareName", or script it  
>> in  
>> alternative methods.  
>>  
>> Cláudio Rodrigues has posted some Scripts for working with DOS Printers:  
>> <http://forums.terminal-services.net/index.php?board=12>  
>>  
>> As for the app not functioning:  
>> 1. Does it work from the console as an administrator?  
>> 2. Does it run from a non-console session as an administrator?  
>> 3. If neither 1 or 2 work, then you need to investigate further. If 1  
>> works, but not two, then it's a session problem and may be expecting a  
>> certain environment that it doesn't detect. If one and two work, but  
>> non-admins can't run the app, then it's a permissions or rights issue.  
>>  
>> Launch filemon (from sysinternals.com), run your app and capture a log  
>> file,  
>> then look thru the log for errors that might explain the problem you're  
>> having.  
>>  
>> It is possible to run DOS apps on TS, but it often takes some  
>> troubleshooting & tweaking to figure out the correct configuration.  
>>  
>>  
>> --  
>> Patrick Rouse  
>> Microsoft MVP – Terminal Server  
>> <http://www.sessioncomputing.com>  
>>  
>>  
>> "Jo Lambrecht" wrote:  
>>  
>>> Hi,  
>>>  
>>> I've tested several things, but still didn't get any further.  
>>> Installed Relevos, that didn't make any difference. Installing the  
>>> pervasive on another server didn't have any effect also.  
>>> After installing TAME-DOS, same problem, only difference with tame-dos,  
>>> if  
>>> you press "ignore" 4 times at the error window (NTVDM-error), the app  
>>> starts  
>>> and seems to function properly. Nevertheless there are still 2 problems,  
>>> the  
>>> dos-app cannot go into "full screen" mode and printing seems also to be a  
>>> problem in this envirmont.  
>>> Running dos-apps in terminal services doesn't seem to be a peace of cake.

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>>> (the problem is that this specific setup, 2 servers and clientcomputers  
>>> were  
>>> specially setup/bought for this purpose, the app was not tested because  
>>> the  
>>> app has been tested in a million combinations and on any possible and  
>>> different platform, the app has never given a crimp, that was the only  
>>> thing  
>>> that functioned perfectly in all these different circomstances)  
>>>  
>>> My hopes have sunc to the bottom of the ocean,  
>>> If you have any taughts about this, don't hesitate to give any comment,  
>>>  
>>> Regards,  
>>> Jo Lambrecht  
>>>  
>>>  
>>>  
>>>  
>>>  
>>>  
>>> "Patrick Rouse" <PatrickRouse@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message  
>>> [news:BC4194A6-91FC-441F-B298-74E976AB4B26@xxxxxxxxxxxxxxxxxxxx](mailto:news:BC4194A6-91FC-441F-B298-74E976AB4B26@xxxxxxxxxxxxxxxxxxxx)  
>>> > Also, you should treat the terminal server like a DOS client, not the  
>>> > pervasive server. Setup the pervasive service on another server and  
>>> > setup  
>>> > the terminal server as a client machine, just like you always did  
>>> > before  
>>> > terminal server.  
>>> >  
>>> > Other apps that can be used to manage the CPU & RAM used by  
>>> > applications  
>>> > are:  
>>> >  
>>> > WM Software Relevos  
>>> > Appsense Performance Manager  
>>> > Threadmaster (Free)  
>>> > RTOSoft TScale  
>>> > Aurema ArmTech  
>>> > triCerat Simplify Resources (purchased from TMurgent TMUlimit)  
>>> > WBI Software CPU Affinity  
>>> >  
>>> > These can all be found here:  
>>> > <http://www.sessioncomputing.com/add-on.htm>  
>>> >  
>>> > I tend to prefer applications that manage more than DOS applications,  
>>> > and  
>>> > when using one of these (I used to use RBase for DOS on Terminal  
>>> > Server) I  
>>> > used Relevos and it worked great.  
>>> >  
>>> > Application installation info:

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> > > <http://www.sessioncomputing.com/applications.htm>  
> > >  
> > > --  
> > > Patrick Rouse  
> > > Microsoft MVP – Terminal Server  
> > > <http://www.sessioncomputing.com>  
> > >  
> > >  
> > > "Jeff Pitsch" wrote:  
> > >  
> > >> I don't recommend running a dos app in TS. You will need some  
> > >> software  
> > >> like  
> > >> TAME-DOS to control the dos app from taking all the processor. Try  
> > >> this  
> > >> article:  
> > >>  
> > >> Troubleshooting MS-DOS-Based Programs in Windows  
> > >> <http://support.microsoft.com/default.aspx?scid=kb;en-us:165214>  
> > >>  
> > >> Jeff Pitsch  
> > >> <http://www.sbcgatekeeper.com>  
> > >> Your Terminal Services Security Website  
> > >>  
> > >> "Jo Lambrecht" <jo@xxxxxxxxxxxxxx> wrote in message  
> > >> [news:u4W65PV4FHA.2432@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:u4W65PV4FHA.2432@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)  
> > >>> Hi,  
> > >>>  
> > >>> We have setup a small network, one SBS2003 premium server SP1 and  
> > >>> one  
> > >>> W2003 SP1 Terminal server as member server.  
> > >>> Setup went fine, using both serves goes fine as well. Clients are  
> > >>> using  
> > >>> outlook, office and several other accounting programs in terminal  
> > >>> server  
> > >>> sessions.  
> > >>> Until...  
> > >>> The company has an old dos-based program and wants to use it. When  
> > >>> a  
> > >>> user  
> > >>> sets up a terminal server session and tries to start the  
> > >>> dos-application,  
> > >>> he gets the following error "NTVDM encountered a hard error", then  
> > >>> he  
> > >>> has  
> > >>> the choice "ignore" or "close", when you choose ignore nothing  
> > >>> happens,  
> > >>> when choosing close the dosbox closes.  
> > >>>  
> > >>> The dos-application is installed on the terminal server and the  
> > >>> database

