

Installing and Deploying Applications in a Server Based Computing Environment is more involved than just putting in the CD and starting the installation. The lists below are some tips you should be aware of before installing any software on a Terminal Server.

## TIPS

1. Make sure the application you want to install is supported in a Terminal Services Environment, and on your specific version of Windows Server. Although it is possible to get just about any 32 bit Windows application to run on a Terminal Server, it's best to check with the software manufacturer before testing your application, as they may have specific instructions for a terminal services installation.
2. Always test the software you plan on deploying (via Terminal Services or Citrix) in a lab environment before installing it on a production application server.
3. Make sure you have a backup (preferably image based) of your production application servers before installing new programs.
4. Make sure your terminal server is in Application Server Mode (Windows 2000 Server) or has the role of Terminal Server (Windows Server 2003) before installing your software (unless this server is used specifically for remote administration)
5. Make sure the terminal server is in "Install Mode" before installing software. This can be accomplished by initiating the install routine via "Add/Remove Programs" or by manually placing the server in "Install Mode" with the cmd prompt utility "**change user /install**". After the install is complete you place the server back in "execute mode" via "**change user /execute**".
6. If you're using Citrix MetaFrame Presentation Server XP Enterprise Edition, Presentation Server 3.0 Enterprise Edition, or Presentation Server 4.0 Enterprise Edition, use the Installation Manager to deploy your applications from an Administrative Installation Point to selected servers in your farm.

### On a Citrix/Terminal Server session, SendFAX does not open

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*Category: Fax Server Articles > Client Components*

## Symptoms

When you print to the XMedius printer, the job spools but nothing happens. When you walk up to the console of the server, **SendFAX** is open.

## Cause

Because of a setting of the printer used for the document conversion, all jobs sent to the printer are opened on **Session 0**, the server's console.

## Resolution

To fix this issue, you will need to have Manage Printer Rights.

1. Open the properties of the XMedius printer and select the **Advanced tab**.
2. Un-check the **Enable advanced printer features**.

## Symptoms

Clients running Citrix in Published application mode, ie users do not have a full desktop but rather a list of selected application, must configure SendFAX differently that the standard installation

## Cause

Users running in Published Application mode do have a full desktop. When the session is launched, only a selected list of applications are run. The system does not process the **run** key in the registry and therefore certain settings for SendFAX may not be launched.

## Resolution

### Configuring SendFAX to open

1. The first step in setting up the system is adding SendFAX to the list of application to launch. This can be done by adding them the following :
2. %install dir%\LFclient\lfsndfax.exe  
%install dir%\LFclient\lfsndmng.exe

to %systemroot%\System32\user\_logon.cmd.

3. Another solution is add the the required applications in the registry:  
HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Winlogon\  
**userinit=c:\program files\lightning fax\lfclient\lfsndmng.exe**

**Disclaimer:** The solution mentioned above is the method that Interstar considers to be the easiest. We strongly suggest veryfying with Citrix as to the best method of publishing an application for your environement.

### Configuring SendFAX to close

For a user to log off, they must terminate the applications they are using. But LFSndmng.exe is an application that runs in the backgroud. It must terminated automaticly if not the session will remain on the server and will cause a loss of ressources.

The solution found by Interstar is to add the process name LFSNDMNG.exe to the following registry key:

**HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Control\Citrix\wfshell\TWI**

Value Name:**LogoffCheckSysModules**

Type:**REG\_SZ**

String:Lfsndmng.exe

This information was found on : <http://support.citrix.com/kb/entry.jspa?externalID=CTX891671>