Technical Support

FAQ

Windows XP Service Pack 2 Firewall settings

Windows XP Service Pack 2 enables the Windows firewall by default. This firewall prevents the Leica license server from being visible to clients. If the Leica license server is hosted on a system with Windows XP Service Pack 2, the client system will no longer be able to connect to the license server.

Although disabling the firewall will work, you don't necessarily have to disable the firewall. Instead, you may manually designate the port used for license server and add the license server program to the firewall exceptions list. Please follow this procedure:





Go to the Windows Control Panel and double-click on "Security Center":





Last Updated: 11/1/2004 winxpsp2_firewall_settings Leica Geosystems GIS & Mapping <u>gis.leica-geosystems.com</u> Technical Support <u>support@gis.leica-geosystems.com</u>



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The following dialog will appear:





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Click on "Windows Firewall" near the bottom of the dialog and a new dialog will be displayed:

🖗 Windows Firewall 🛛 🔀
General Exceptions Advanced
Windows Firewall is helping to protect your PC
Windows Firewall helps protect your computer by preventing unauthorized users from gaining access to your computer through the Internet or a network.
On (recommended)
This setting blocks all outside sources from connecting to this computer, with the exception of those selected on the Exceptions tab.
Don't allow exceptions
Select this when you connect to public networks in less secure locations, such as airports. You will not be notified when Windows Firewall blocks programs. Selections on the Exceptions tab will be ignored.
$\bigotimes \circ O_{\underline{f}}$ (not recommended)
Avoid using this setting. Turning off Windows Firewall may make this computer more vulnerable to viruses and intruders.
Windows Firewall is using your domain settings.
What else should I know about Windows Firewall?
OK Cancel

Make sure that the "Don't allow exceptions" checkbox is unchecked.





Select the "Exceptions" tab:

😻 Windows Firewall 🛛 🚺
General Exceptions Advanced
Windows Firewall is blocking incoming network connections, except for the programs and services selected below. Adding exceptions allows some programs to work better but might increase your security risk.
Programs and Services:
Name
 File and Printer Sharing Remote Assistance Remote Desktop UPnP Framework
Add Program Add Port Edit Delete
Display a notification when Windows Firewall blocks a program
What are the risks of allowing exceptions?
OK Cancel

Click on the "Add Port..." button.





The Add a Port dialog will appear:

Add a Port	×
Use these settings number and protoci want to use.	to open a port through Windows Firewall. To find the port ol, consult the documentation for the program or service you
<u>N</u> ame:	LGGM License Server
<u>P</u> ort number:	27000
	⊙ <u>I</u> CP O <u>U</u> DP
What are the risks	of opening a port?
Change scope	OK Cancel

Fill in the port number being used for the license server. The default is 27000 and most customers should use the default. Click **OK** to close the "Add a Port" dialog.





This will take you back to the "Windows Firewall" dialog with "Exceptions" open:

😻 Windows Firewall 🛛 👂	×
General Exceptions Advanced	_
Windows Firewall is blocking incoming network connections, except for the programs and services selected below. Adding exceptions allows some programs to work better but might increase your security risk.	
Programs and Services:	
Name	
 File and Printer Sharing LGGM License Server Remote Assistance Remote Desktop UPnP Framework 	
Add Program Add Port Edit Delete	
Display a notification when Windows Firewall blocks a program	
What are the risks of allowing exceptions?	
OK Cancel	

Make sure that the "LGGM License Server" entry shows up in the list and it is checked. Then click on the "Add Program" button and following dialog will appear:





Add a Program 🛛 🔀
To allow communications with a program by adding it to the Exceptions list, select the program, or click Browse to search for one that is not listed.
Programs:
🔓 ActiveX Control Test Container
💐 API Text Viewer
Application Performance Explorer
Section Manager
1 D3DSpy
DataObject Viewer
DDE Spy
Company Sector Sec
DirectPlay Network Simulator DirectPlay Network
DirectX Error Lookup
Path: C:\MSVS\Common\Tools\TSTCON32.EXE Browse
Change scope OK Cancel

Click on the "Browse" button and a Windows file chooser dialog will be displayed:





Browse						? 🛛
Look in:	C NTx86		~ (3 🦻	• 📰 🕈	
My Recent Documents Desktop My Documents	ERDAS Perdlm LeicaProps Indiag Indown Ingrd Inhostid Inhostid Inremove Inreread Instat Instrip Instrip Inswitchr Inswitchr Inswitchr Inswitchr Inswitchr	Imver RainbowSSD5.39.2				
	File <u>n</u> ame:	ERDAS			*	<u>O</u> pen
My Network	Files of type:	Applications (*.exe;*.com;*.icd)			*	Cancel

Go "C:\Program Files\Leica Geosystems\Shared\Bin\NTx86" and select ERDAS from the list and then click "Open".





This will take you back to the "Add a Program" dialog:

Add a Program	×
To allow communications with a program by adding it to the Exceptions list, select the program, or click Browse to search for one that is not listed.	
Programs:	
😵 DirectX Caps Viewer 🖉 🖉	
😵 DirectX Error Lookup	
😵 DirectX Sample Browser	
📀 📀 DirectX Texture Tool 🚽 🚽	
😵 DMO Test	
💆 DocFile Viewer	
Effect Edit	
ERDAS	
Error Lookup	
FLEXIm Tools	
Path: C:\Program Files\Leica Geosystems\Shared\B Browse	
Change scope OK Cancel	

The "ERDAS" entry in the list will be selected by default. Select "OK".





😺 Windows Firewall	×
General Exceptions Advanced	
Windows Firewall is blocking incoming network connections, except for the programs and services selected below. Adding exceptions allows some programs to work better but might increase your security risk.	
Programs and Services:	
Name	
✓ ERDAS	
File and Printer Sharing	
✓ Licemse Server ✓ Remote Assistance	
Remote Desktop	
UPnP Framework	
Add Program Add Port Edit Delete	
Display a notification when Windows Firewall blocks a program	
What are the risks of allowing exceptions?	
OK Cancel	

Make sure that the "ERDAS" entry appears in the list and it is checked. Click "OK" to close the "Windows Firewall" dialog. This should make the license server once again visible to all clients.



