

Installing AxtrexNG 26 Remote Client

Technical Support Engineering
Rosslare Security NA

For more information please see

www.axtraxng.com

Begin the installation by extracting the installation package .ZIP file to a directory and browse to that directory or by browsing to the CDROM, SW, AXTRAXNG directory.

Right click on the *AxtraxNGSetup.....EXE* file and select “Run As Administrator”.

Follow the instructions on the subsequent screens to complete the installation.

AxTraxNG Setup



Extracting axtrax32GR.ico
Extracting AUTORUN.INF
Extracting CRRedist2008_x86.msi
Extracting hdd32.exe
Extracting SQLEXPRESS_x86_ENU.exe
Extracting setup.exe
Extracting dotNetFx40_Full_x86_x64.exe
Extracting dotnetfx35.exe

- Navigate to the directory where the file was extracted.
- Right Click the AxtraxNGSetup...EXE and select "Run as Administrator".

Destination folder

C:\Users\lbames\AppData\Local\Temp\RarSFX0

Browse...

Installation progress



Install

Cancel

Right click on the *AxtraxNGSetup.....EXE* file and select “**Run As Administrator**”.

On the following screen select the option to be installed.

AxtraxNG Client is the user interface where all configuration information and changes are made. User updates, event logs and reports are all accessed through AxtraxNG Client.

Guard Screen is provides a dedicated screen for security or receptionist use displaying the user information each time a badge is read. It may be installed alone or in conjunction with AxtraxNG Client.

Once you select START the installation will begin, follow through selecting the default as shown in the following slides, do not change any file locations or other data, click NEXT, INSTALL or FINISH on each screen to advance the installer.

- Check the box “I Agree”.
- Select Client and/or Guard Screen.
- Click Start.

AxTraxNG Installation version 26.0.0.0

AxTraxNG Server and Client Requirements:

Operating System	Windows 7 (32/64 bits) SP1
Processor	Minimum: Intel Dual core 2.4 GHz or Equivalent Recommended: Intel core i5 or i7 CPU
Memory	Minimum: 2 GB Recommended: 8 GB
Network	LAN card required for TCP/IP networking
Hard Disk Space	5 GB minimum

SQL- Server Express Requirements:

Processor	Pentium 4 or better
Memory	2 GB
Hard Disk Space	4 GB

Software of any kind provided with or as part of the product is provided explicitly "as is", within an explicit denial of all warranties, expressed or implied (including, without limitation, warranties of merchantability, non-infringement, or fitness for a particular purpose), but nevertheless, Rosslare guarantees that the software to be free from defects for a period of ninety (90) days after delivery. If any defect appears within the warranty period, you can contact Rosslare to receive replacement software free of charge at the discretion of Rosslare. Rosslare does not warrant and has no responsibility for the accuracy or completeness of any information, text, graphics, links, or other items contained within the software.

I agree

Select your installation configuration and press Start button

Server with Watchdog

Vitrax version 2.4.0.11545

Client

Vitrax LPR version 1.7.1 Beta (build 1000)

Watchdog

Start

Close

- Crystal Reports, Dahua Merge and Stroke Scribe packages will install just as they did on the Server machine.

AxTraxNG Installation ver

AxTraxNG Server and Client Requirements:

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Memory	Minimum: 2 GB Recommended: 8 GB
Network	LAN card required for TCP
Hard Disk Space	5 GB minimum

SQL- Server Express Requirements:

Processor	Pentium 4 or better
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Crystal Reports Basic Runtime for Visual Studio 2008

Please wait while Windows configures Crystal Reports Basic Runtime for Visual Studio 2008

Time remaining: 3 seconds



Cancel

Start button

Vitrax version 2.4.0.11545

Vitrax LPR version 1.7.1 Beta (build 1000)

Please wait, Crystal Report Redistributable installing....



Start Close



Welcome to the InstallShield Wizard for AxTraxNG Client

The InstallShield(R) Wizard will install AxTraxNG Client on your computer. To continue, click Next.

- This is the AxtraxNG Client.
- Click NEXT to install, cancel to skip.

Program is protected by copyright law and international treaties.

< Back

Next >

Cancel



Destination Folder

Click Next to install to this folder, or click Change to install to a different folder.



Install AxTraxNG Client to:

C:\Program Files (x86)\Rosslare\AxTraxNG Client\

Change...

- Do Not change the location.
- Click NEXT to install.

InstallShield

< Back

Next >

Cancel

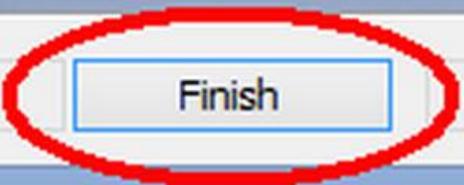


InstallShield Wizard Completed

The InstallShield Wizard has successfully installed AxTraxNG Client. Click Finish to exit the wizard.

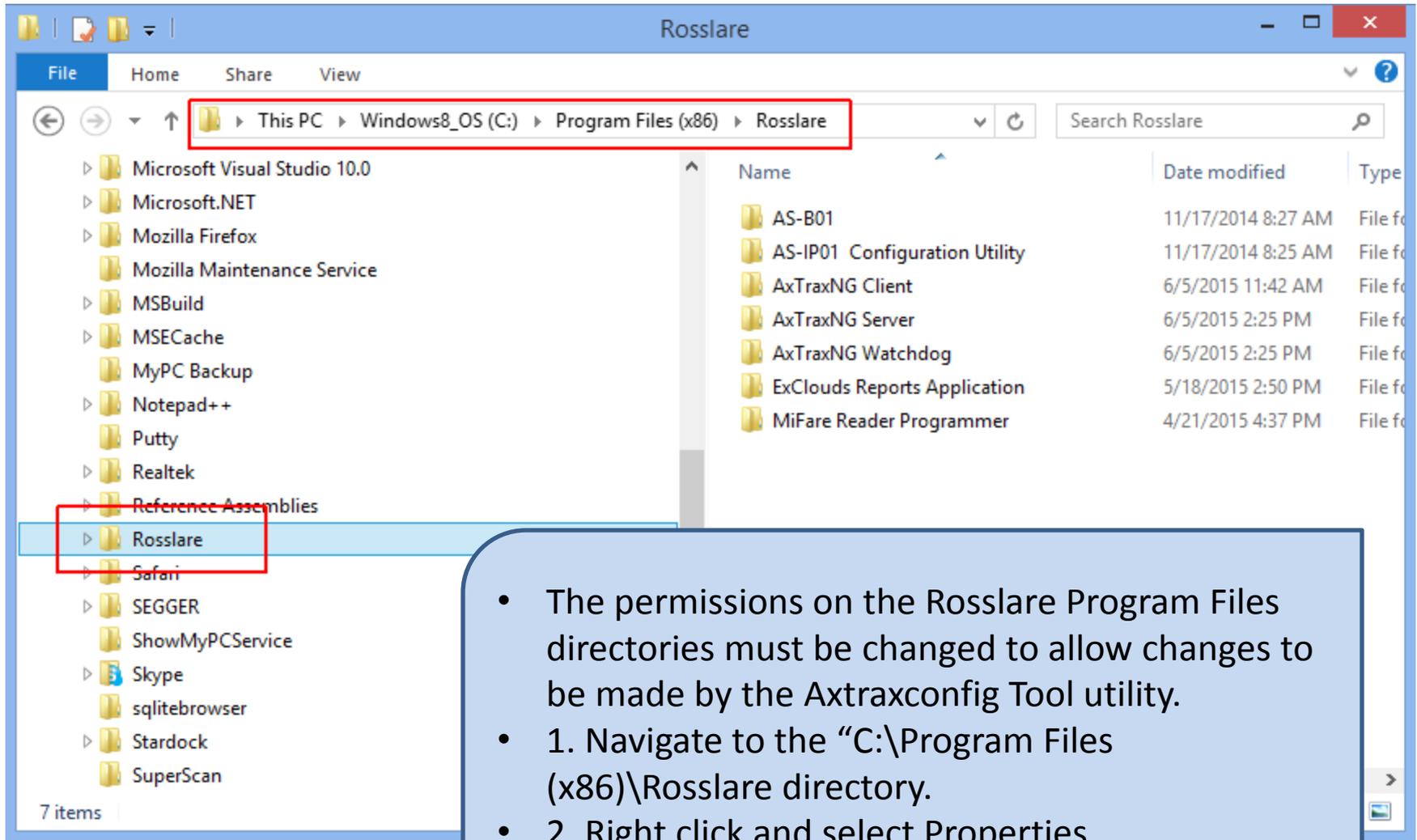
- Click Finish to continue.

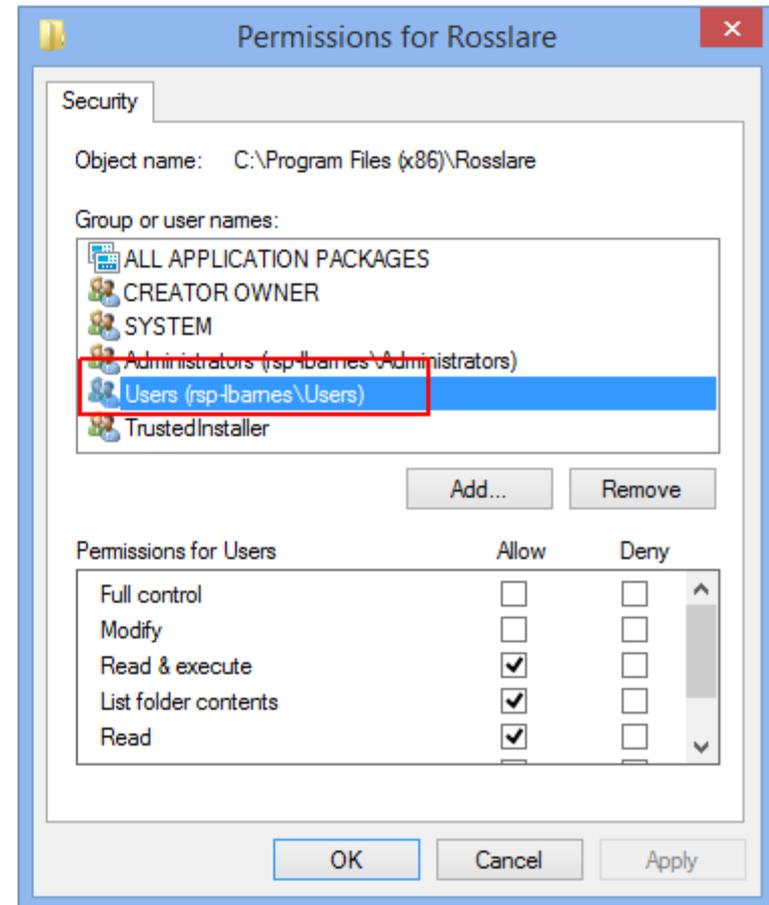
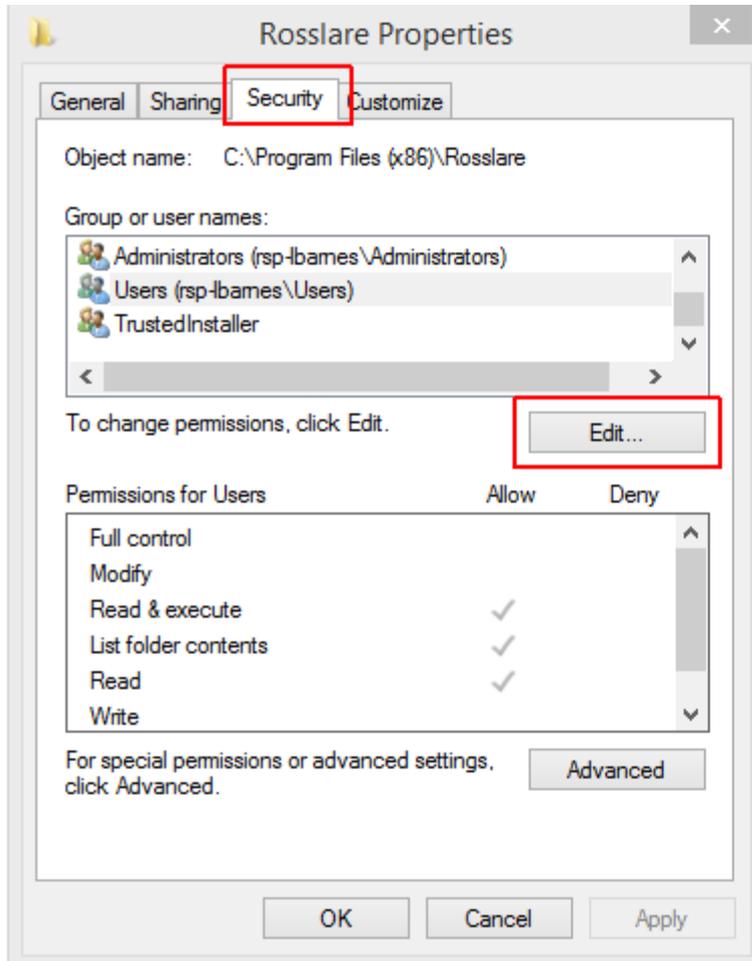
< Back



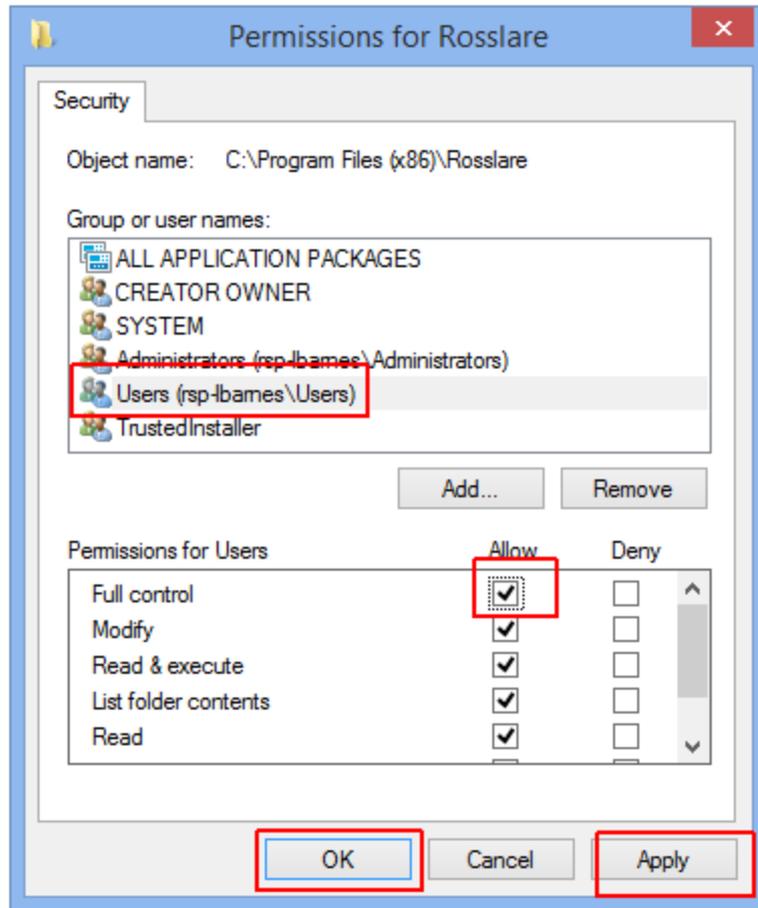
Finish

Cancel



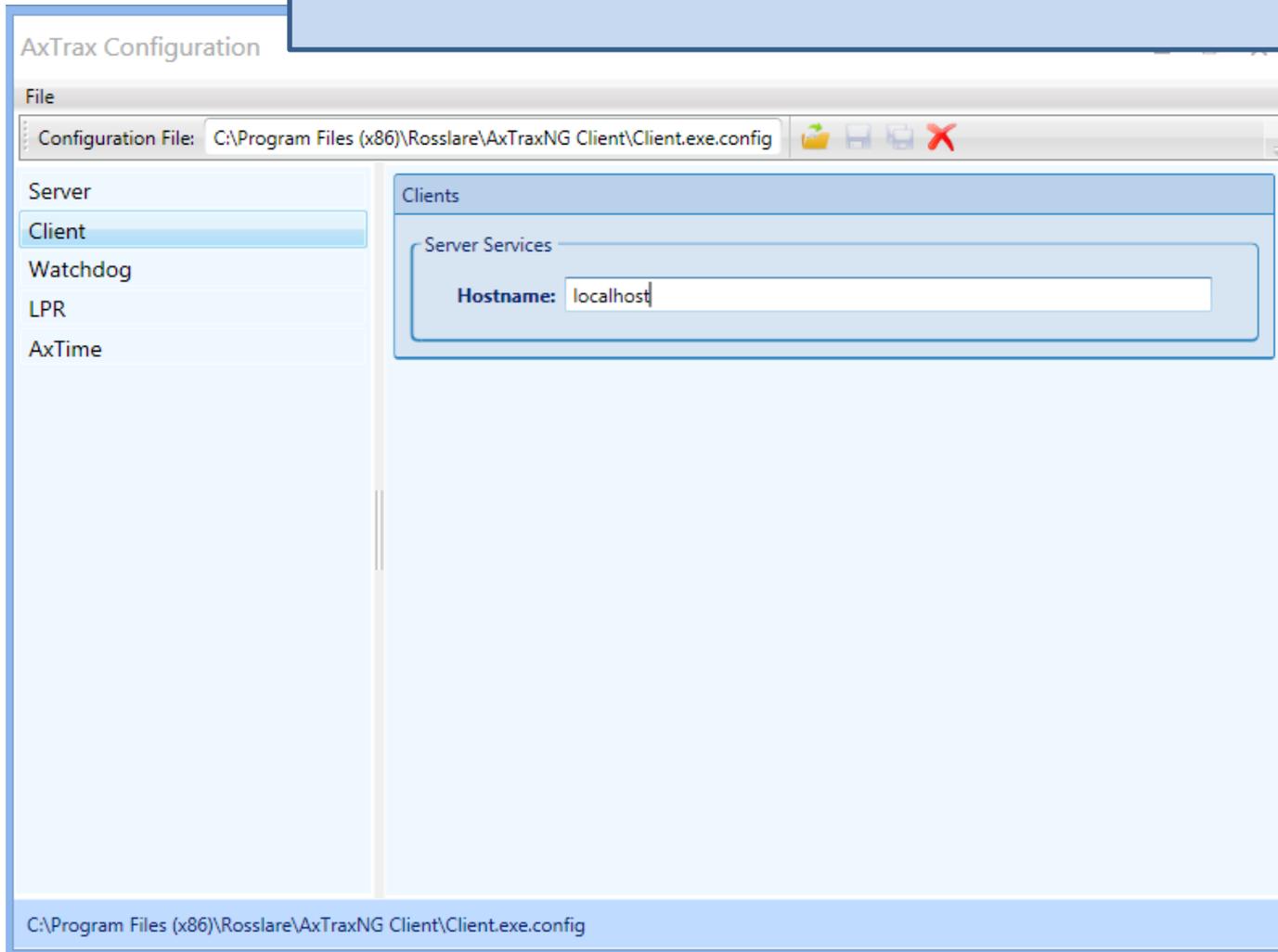


- Select the security tab at the top.
- Select Edit.



- Select “Users”, the name in the parenthesis will be different.
- Check the box to Allow “Full control”.
- Click Apply then OK to close the window.
- Click OK to close the previous window also.

- The first time the Client is started the following screen will appear, this is where the Client is configured to connect to another machine.



AxTrax Configuration

File

Configuration File: C:\Program Files (x86)\Rosslare\AxTraxNG Client\Client.exe.config

Server

Client

Watchdog

LPR

AxTime

Clients

Server Services

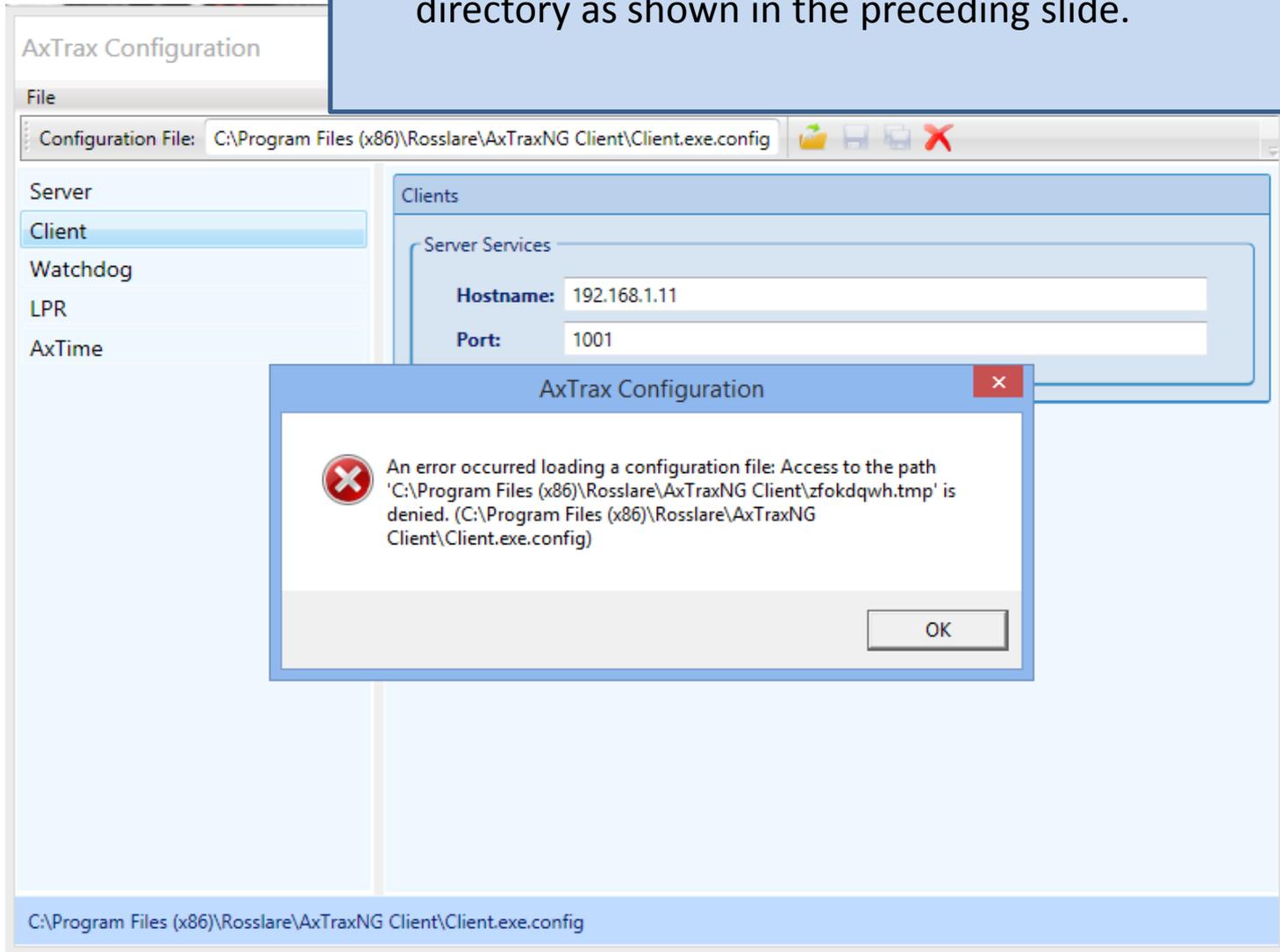
Hostname: 192.168.1.11

Port: 1001

- Enter the IP address of the AxtraxNG server machine. You must also specify the port to use, 1001 is the default.
- If this is being done to a remote server machine (not on the same LAN);
 - then enter the external IP address of the server site
 - insure that port 1001 is forwarded to the server machine at the remote site.
- To save you changes you must click the save icon circled in red.

C:\Program Files (x86)\Rosslare\AxTraxNG Client\Client.exe.config

- If you encounter the following error you must change the security permissions of the C:\Program Files (x86)\Rosslare directory as shown in the preceding slide.



Firewall Configuration Windows 7 and 8

Configuring the Windows Firewall for
Remote Client

NOTICE

The following steps are performed on the AxtraxNG server machine if they were not at the time of installation.

Control Panel Home

- Allow an app or feature through Windows Firewall
- Change notification settings
- Turn Windows Firewall on or off
- Restore defaults
- Advanced settings
- Troubleshoot my network

Help protect your PC with Windows Firewall

Windows Firewall can help prevent hackers or malicious software from gaining access to your PC through the Internet or a network.

Private networks Connected

Networks at home or work where you know and trust the people and devices on the network

Windows Firewall state:	On
Incoming connections:	Block all connections to apps that are not on the list of allowed apps
Active private networks:	ROSSLAREUS
Notification state:	Notify me when Windows Firewall blocks a new app

Guest or public networks Not connected

See also

- Action Center
- Network and Sharing Center

Open Control Panel and select Windows Firewall, (switch to large icon view if this option is not available).
Select "Allow an app or feature" (on Windows 7 this is "Allow a Program or Feature....")

Allowed apps

Control Panel > All Control Panel Items > Windows Firewall > Allowed apps

Allow apps to communicate through Windows Firewall

To add, change, or remove allowed apps and ports, click **Change settings**.

[What are the risks of allowing an app to communicate?](#)

Change settings

Allowed apps and features:

Name	Private	Public
<input checked="" type="checkbox"/> 3600-4600 Series Server	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> AxTraxNG Client	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> AxtraxWatchdog	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Canon Inkjet Print Utility	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> Connect to a Network Projector	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Core Networking	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> CyberLink PowerDVD 10.0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> CyberLink PowerDVD 10.0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> Distributed Transaction Coordinator	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> File and Printer Sharing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Frequency Generator	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> FTP Server	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Details... **Remove**

Allow another app...

OK **Cancel**

If Axtrax Server is not listed as shown , Select "Change Settings" then "Allow another app". If Axtrax Server is shown skip to step 5.

Allowed apps

Control Panel > All Control Panel Items > Windows Firewall > Allowed apps

Allow apps to communicate through Windows Firewall

To add, change, or remove allowed apps and ports, click [Change settings](#).

[What are the risks of unblocking an app?](#)

Allowed apps

Name	Public
<input checked="" type="checkbox"/> 3600-4600	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> AxTraxNG Server	<input type="checkbox"/>
<input checked="" type="checkbox"/> AxtraxWatch	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Canon Inkjet	<input type="checkbox"/>
<input type="checkbox"/> Connect to Internet	<input type="checkbox"/>
<input checked="" type="checkbox"/> Core Network	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> CyberLink	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> CyberLink	<input checked="" type="checkbox"/>
<input type="checkbox"/> Distributed	<input type="checkbox"/>
<input checked="" type="checkbox"/> File and Printer	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Frequency	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> FTP Server	<input checked="" type="checkbox"/>

Add an app

Select the app you want to add, or click Browse to find one that is not listed, and then click OK.

Apps:

- 7-Zip File Manager
- Calculator
- CCleaner
- Character Map
- Command Prompt
- Configuration Wizard
- Data Profile Viewer
- Deployment Wizard
- Diagnostics
- Dolby Demo
- Dolby Profile

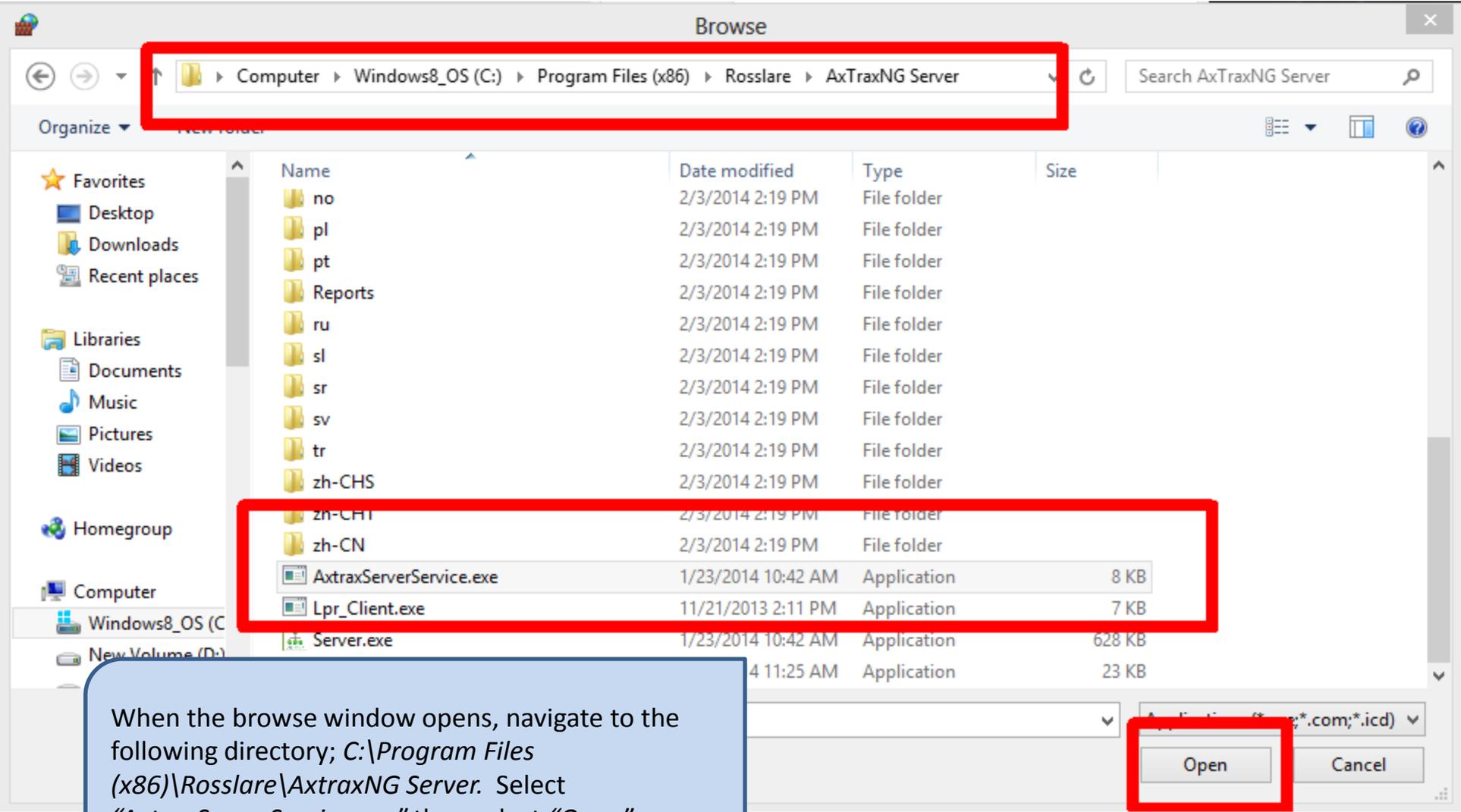
Path: C:\Program Files\7-Zip\7zFM.exe

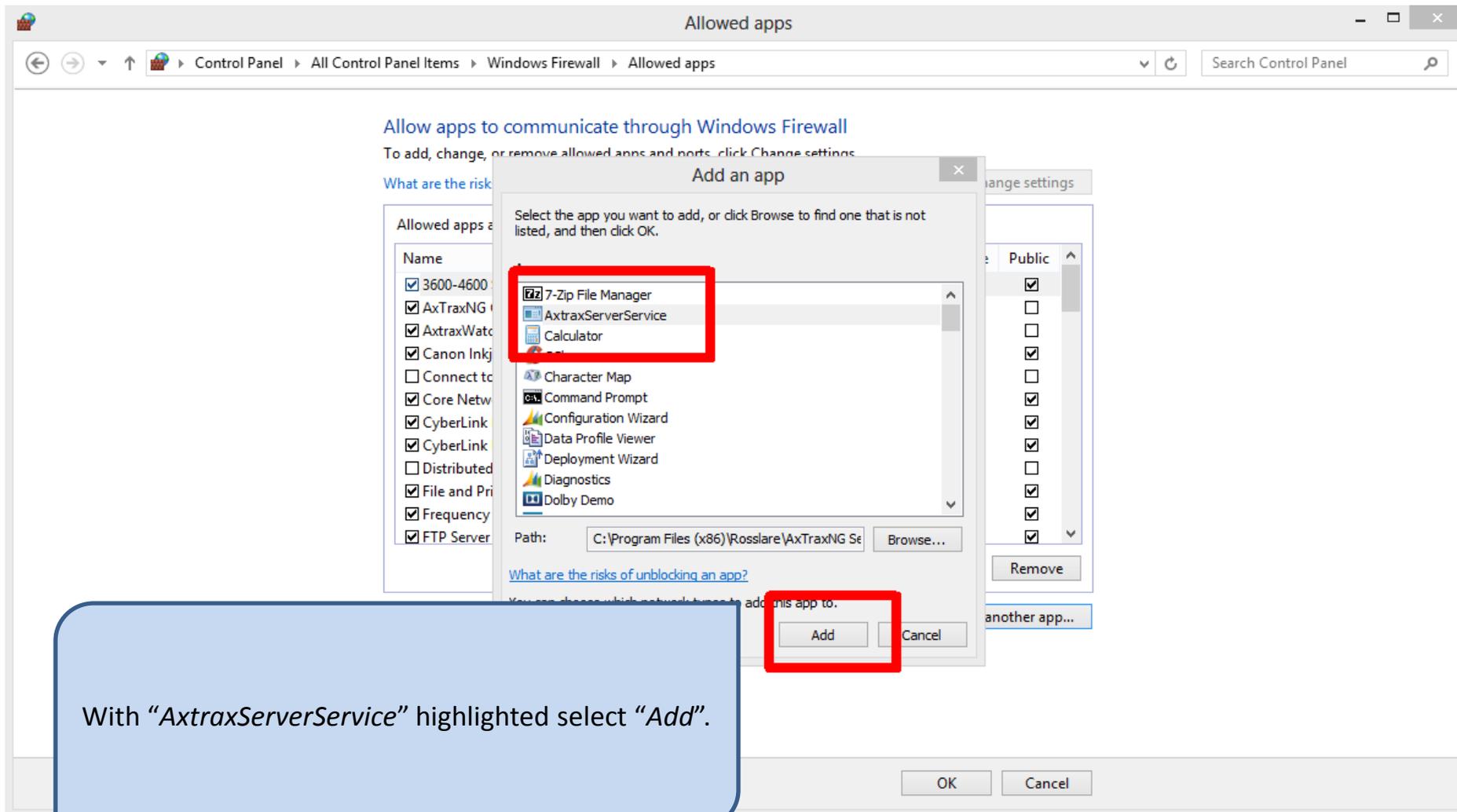
[What are the risks of unblocking an app?](#)

You can choose which network types to add this app to.

[Network types...](#)

If AxtraxNG Server does not show up in the list select "Browse"





Allowed apps

Control Panel > All Control Panel Items > Windows Firewall > Allowed apps

Allow apps to communicate through Windows Firewall

To add, change, or remove allowed apps and ports, click Change settings.

What are the risks of allowing an app to communicate?

Change settings

Allowed apps and features:

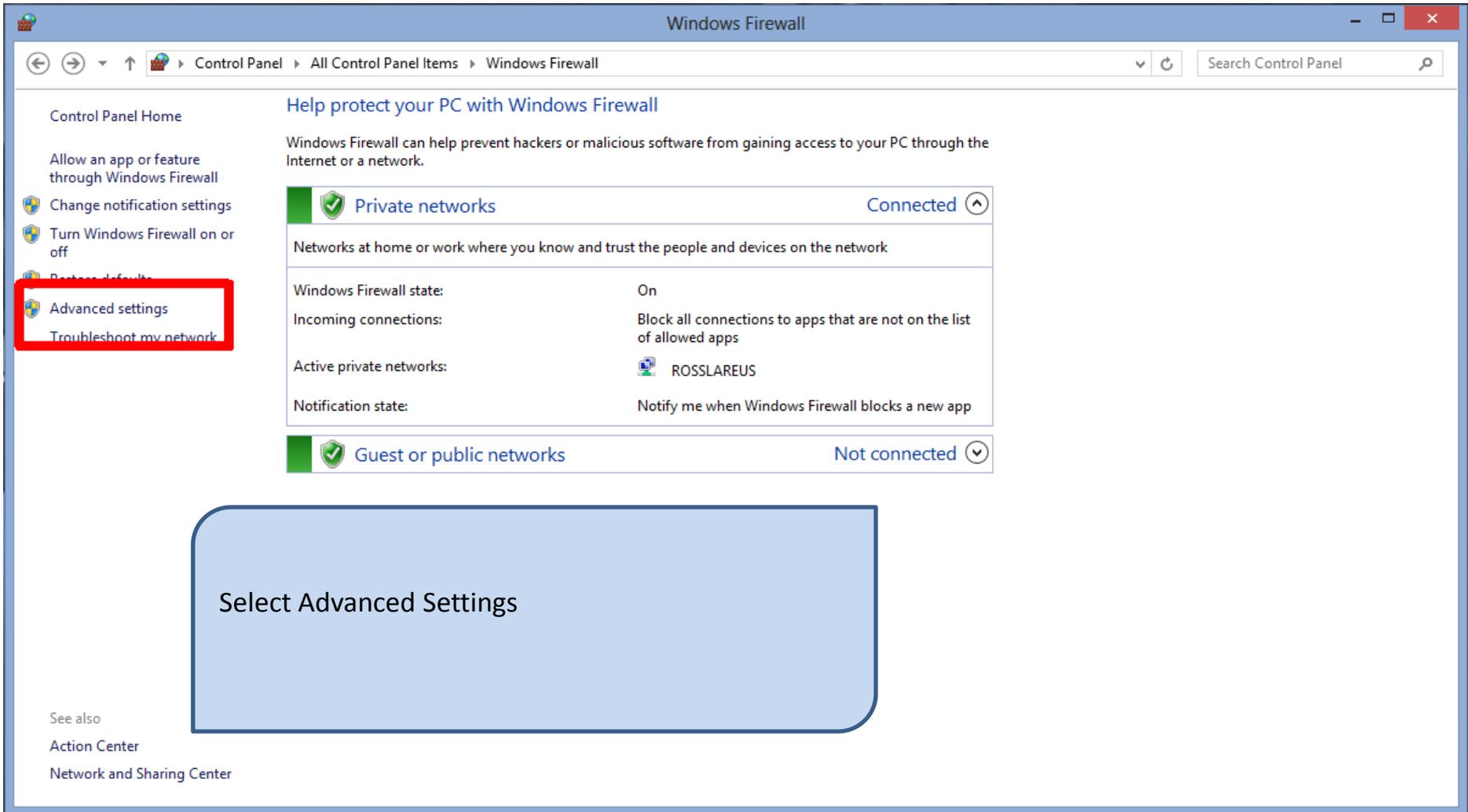
Name	Private	Public
<input checked="" type="checkbox"/> 3600-4600 Series Server	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> AxTraxNG Client	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> AxtraxServerService	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> AxtraxWatchdog	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Canon Inkjet Print Utility	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> Connect to a Network Projector	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Core Networking	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> CyberLink PowerDVD 10.0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> CyberLink PowerDVD 10.0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> Distributed Transaction Coordinator	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> File and Printer Sharing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Frequency Generator	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Details... Remove

Allow another app...

OK Cancel

Insure that the check box in the column labeled "Private" is checked for AxtraxServer Service then select OK.



Windows Firewall

Control Panel > All Control Panel Items > Windows Firewall

Search Control Panel

Control Panel Home

Allow an app or feature through Windows Firewall

Change notification settings

Turn Windows Firewall on or off

Restore defaults

Advanced settings

Troubleshoot my network

Help protect your PC with Windows Firewall

Windows Firewall can help prevent hackers or malicious software from gaining access to your PC through the Internet or a network.

 **Private networks** Connected 

Networks at home or work where you know and trust the people and devices on the network

Windows Firewall state:	On
Incoming connections:	Block all connections to apps that are not on the list of allowed apps
Active private networks:	 ROSSLAREUS
Notification state:	Notify me when Windows Firewall blocks a new app

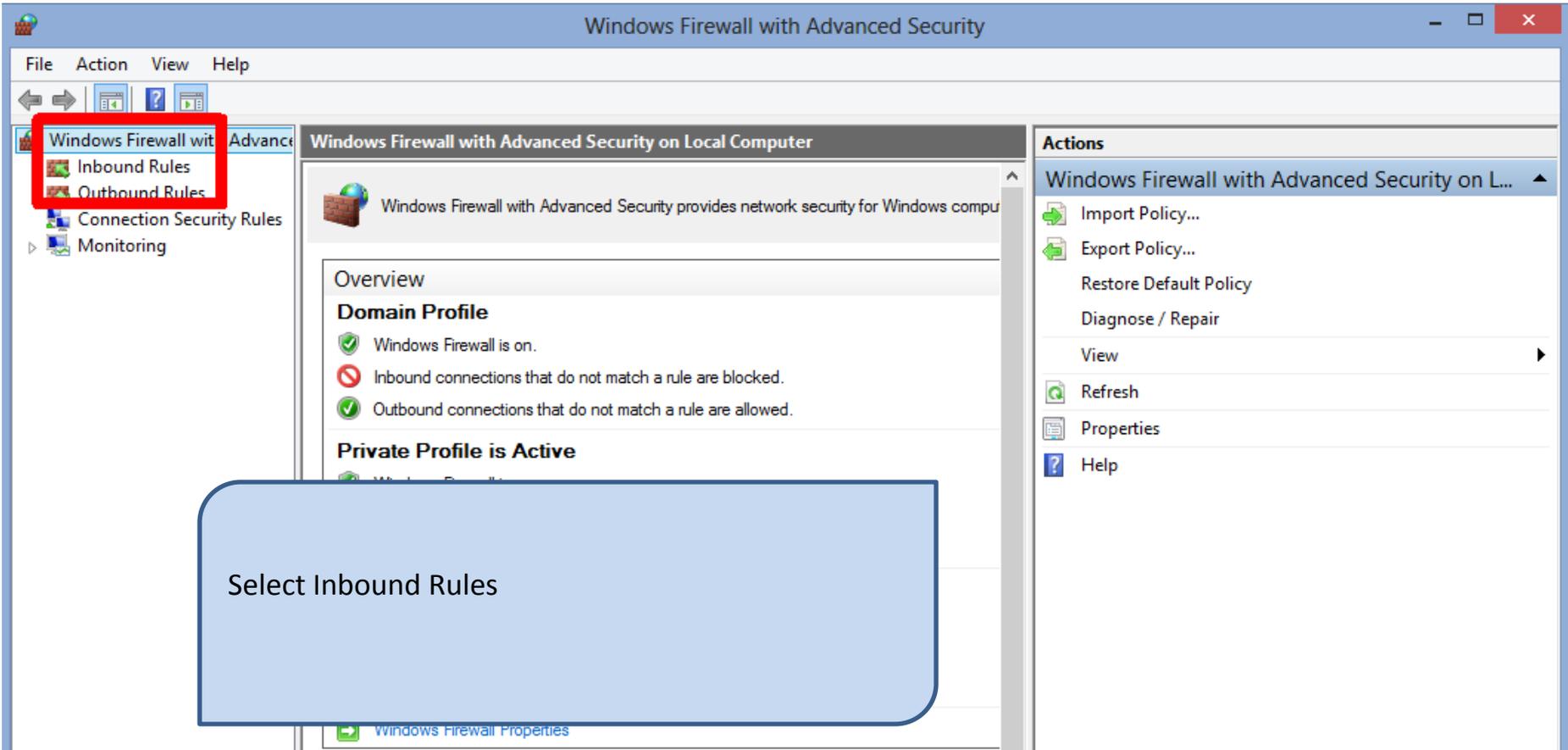
 **Guest or public networks** Not connected 

Select Advanced Settings

See also

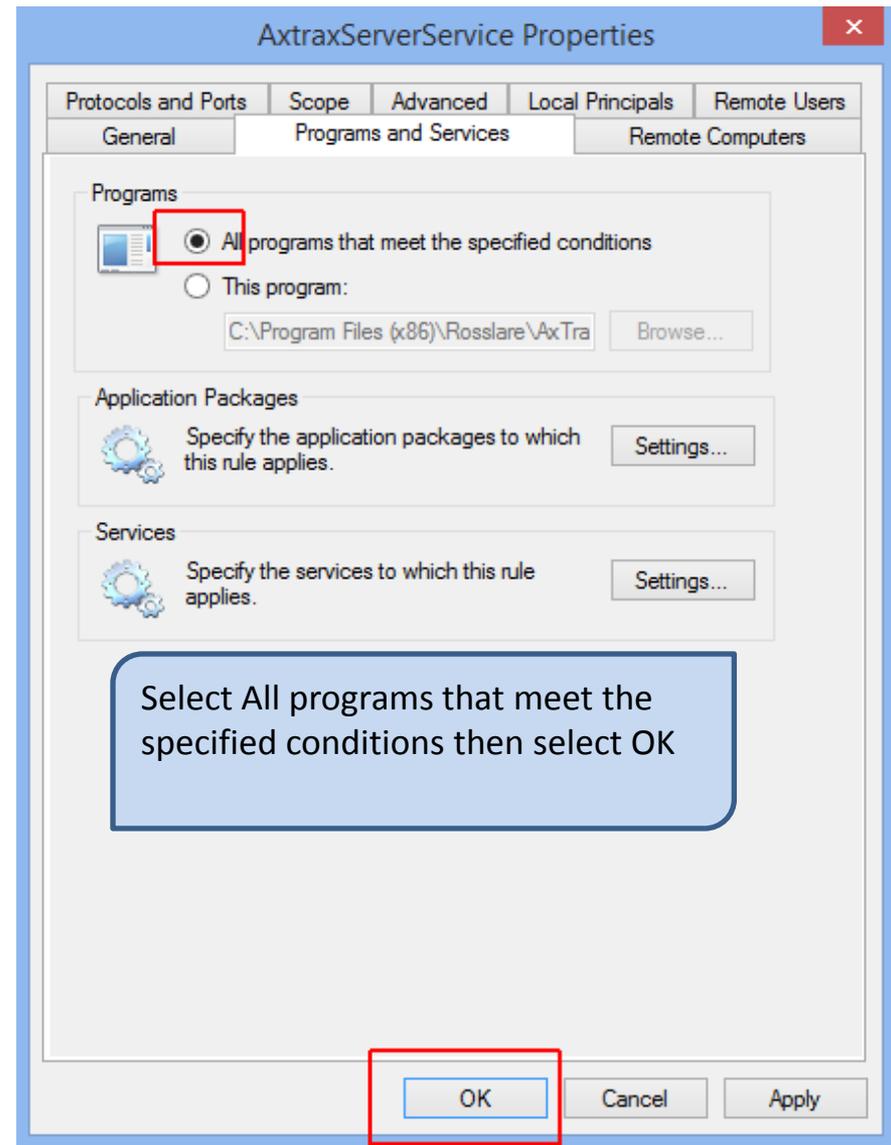
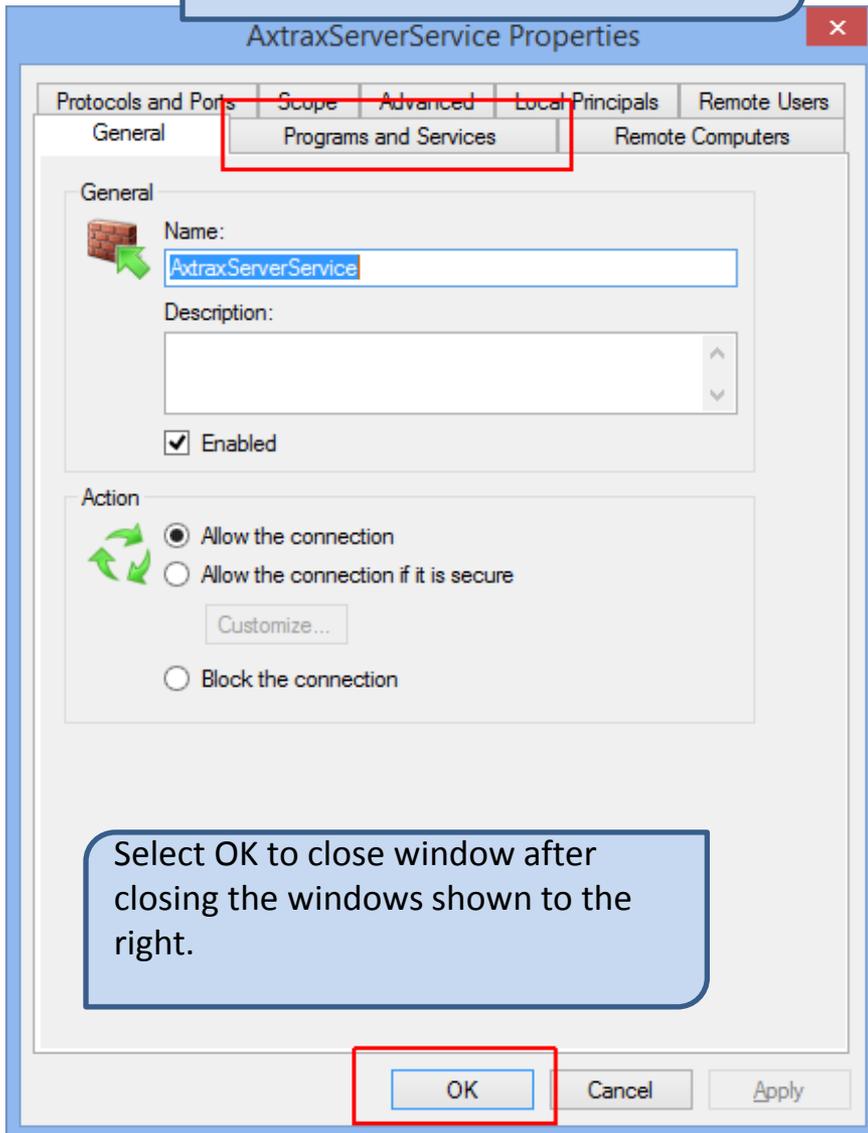
Action Center

Network and Sharing Center



Select Inbound Rules

Select Programs and Services



Windows Firewall with Advanced Security

File Action View Help



- Windows Firewall with Advanced Security
 - Inbound Rules
 - Outbound Rules
 - Connection Security Rules
 - Monitoring

Inbound Rules

Name	Group	Profile
3600-4600 Series Server		Private...
3600-4600 Series Server		Private...
7100a_c		Private
7100a_c		Private
AS-IP01 Configuration Utility		Private
AS-IP01 Configuration Utility		Private
AxtraxServerService		Domain
AxtraxServerService		Domain
AxtraxServerService		Private...
AxtraxServerService		Private...
Firefox (C:\Program Files (x86)\Mozilla Fir...		Private
Firefox (C:\Program Files (x86)\Mozilla Fir...		Private
rslr_aa_v3.exe		Private
rslr_aa_v3.exe		Private



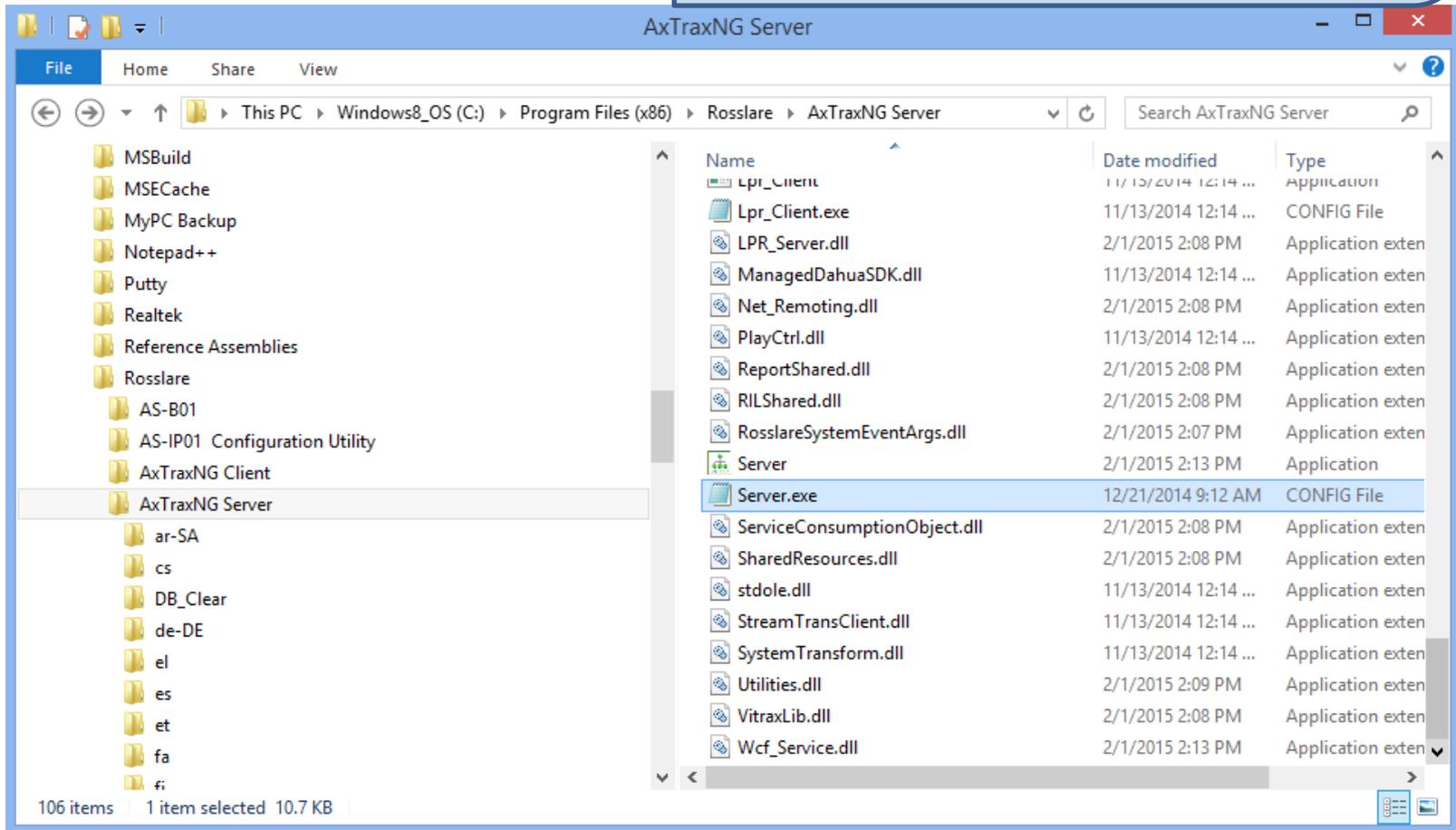
Select any additional rules named AxtraxServerService and repeat the steps in the last screen for each.

Actions

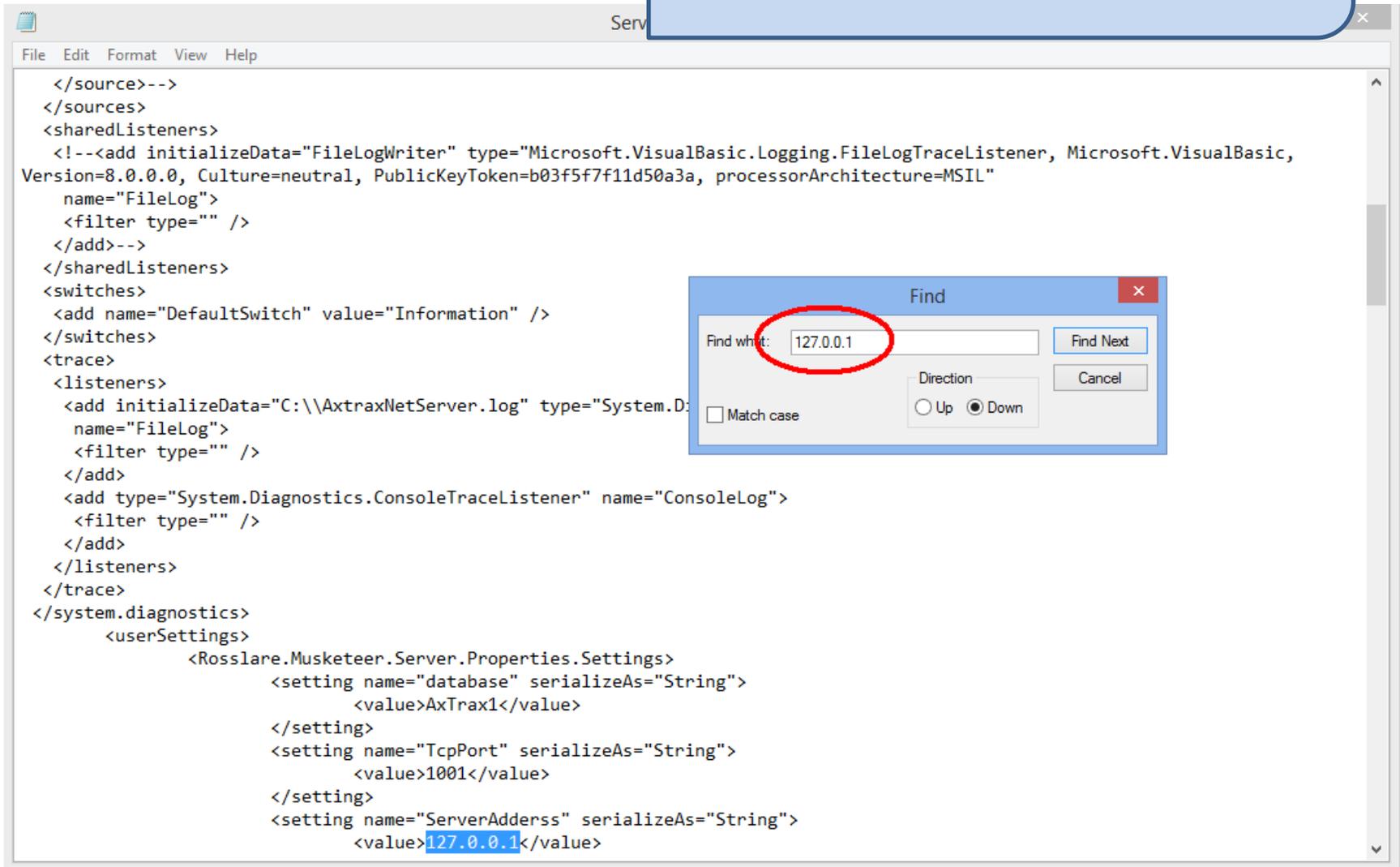
- Inbound Rules
 - New Rule...
 - Filter by Profile
 - Filter by State
 - Filter by Group
 - View
 - Refresh
 - Export List...
 - Help
- AxtraxServerService
 - Disable Rule
 - Cut
 - Copy
 - Delete
 - Properties
 - Help

- If the remote Client does not connect make the following configuration file modification on the server machine.
- Open Windows Explorer and navigate to the following directory; C:\Program files (x86)\Rosslare\AextraxNG Server.
- Locate the file named Server.exe.config, on most systems the extension .config will not be shown and the file will appear as Server.exe, insure you have the correct file by checking the file type, it must be listed as a file type CONFIG as shown.
- Right click on the Server.exe.config file and select edit.
- In Notepad, select edit then find and find the string "127.0.0.1".
- Change the string 127.0.0.1 to the actual IP address of the server machine i.e. 192.168.1.11, this should be the same address you have used for the remote client to connect to.
- Save the file to another location such as the desktop, you will not be able to save directly to the original directory.
- Copy the new config file from the desktop to the server directory and restart the PC, allow 2 minutes after the restart then try the remote client connection.

- Locate the Server configuration file, if file extensions are visible the filename will read Server.exe.config.
- Insure the file type is CONFIG
- Right click and select edit



- In Notepad select edit then find 127.0.0.1



The image shows a Notepad window with XML code. A 'Find' dialog box is open over the code, with the text '127.0.0.1' entered in the 'Find what:' field and circled in red. The XML code is as follows:

```
</source>-->
</sources>
<sharedListeners>
  <!--<add initializeData="FileLogWriter" type="Microsoft.VisualBasic.Logging.FileLogTraceListener, Microsoft.VisualBasic,
Version=8.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a, processorArchitecture=MSIL"
  name="FileLog">
  <filter type="" />
</add>-->
</sharedListeners>
<switches>
  <add name="DefaultSwitch" value="Information" />
</switches>
<trace>
  <listeners>
    <add initializeData="C:\\AxtraxNetServer.log" type="System.D
      name="FileLog">
      <filter type="" />
    </add>
    <add type="System.Diagnostics.ConsoleTraceListener" name="ConsoleLog">
      <filter type="" />
    </add>
  </listeners>
</trace>
</system.diagnostics>
  <userSettings>
    <RossIare.Musketeer.Server.Properties.Settings>
      <setting name="database" serializeAs="String">
        <value>AxTrax1</value>
      </setting>
      <setting name="TcpPort" serializeAs="String">
        <value>1001</value>
      </setting>
      <setting name="ServerAdderss" serializeAs="String">
        <value>127.0.0.1</value>
```

- Change 127.0.0.1 to the actual IP address of the server PC.

Server.exe - Notepad

File Edit Format View Help

```
</source-->
</sources>
<sharedListeners>
  <!--add initializeData="FileLogWriter" type="Microsoft.VisualBasic.Logging.FileLogTraceListener, Microsoft.VisualBasic,
Version=8.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a, processorArchitecture=MSIL"
  name="FileLog">
    <filter type="" />
  </add-->
</sharedListeners>
<switches>
  <add name="DefaultSwitch" value="Information" />
</switches>
<trace>
  <listeners>
    <add initializeData="C:\\AxtraxNetServer.log" type="System.Diagnostics.TextWriterTraceListener"
      name="FileLog">
      <filter type="" />
    </add>
    <add type="System.Diagnostics.ConsoleTraceListener" name="ConsoleLog">
      <filter type="" />
    </add>
  </listeners>
</trace>
</system.diagnostics>
  <userSettings>
    <Rosslare.Musketeer.Server.Properties.Settings>
      <setting name="database" serializeAs="String">
        <value>AxTrax1</value>
      </setting>
      <setting name="TcpPort" serializeAs="String">
        <value>1001</value>
      </setting>
      <setting name="ServerAddress" serializeAs="String">
        <value>192.168.1.11</value>
```