

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

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☒ 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

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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



AxTraxNG Client - InstallShield Wizard



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

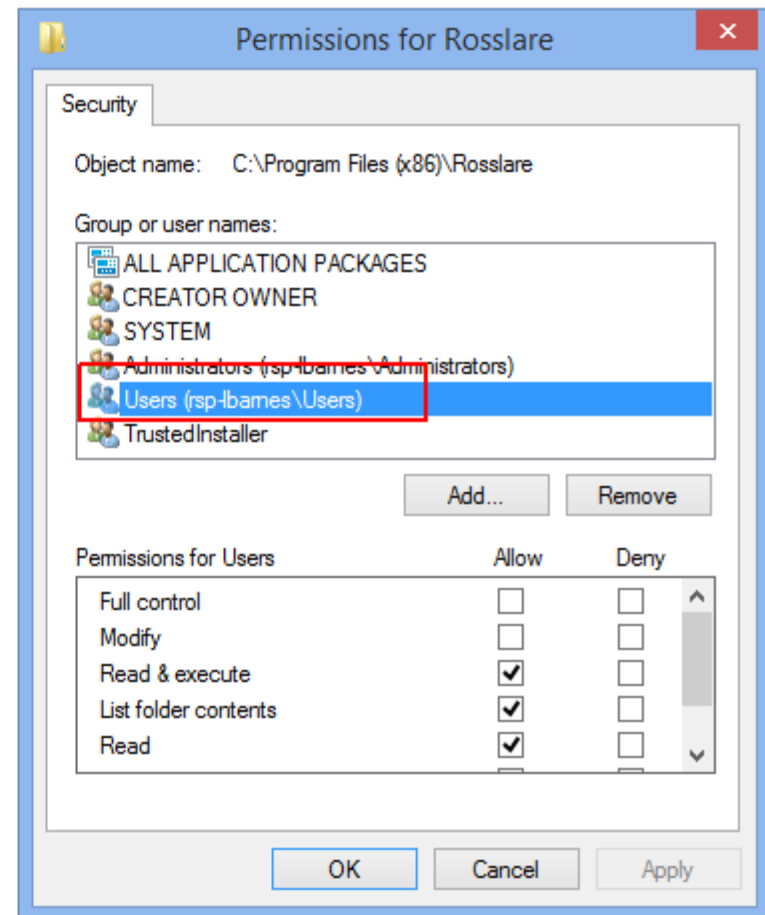
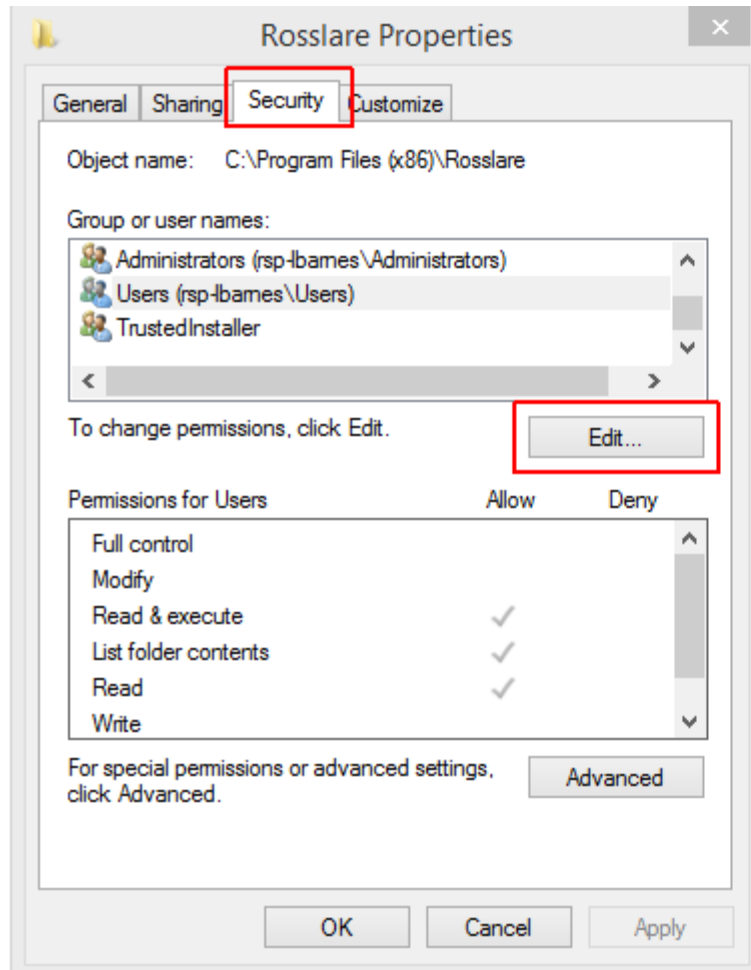
Finish

Cancel

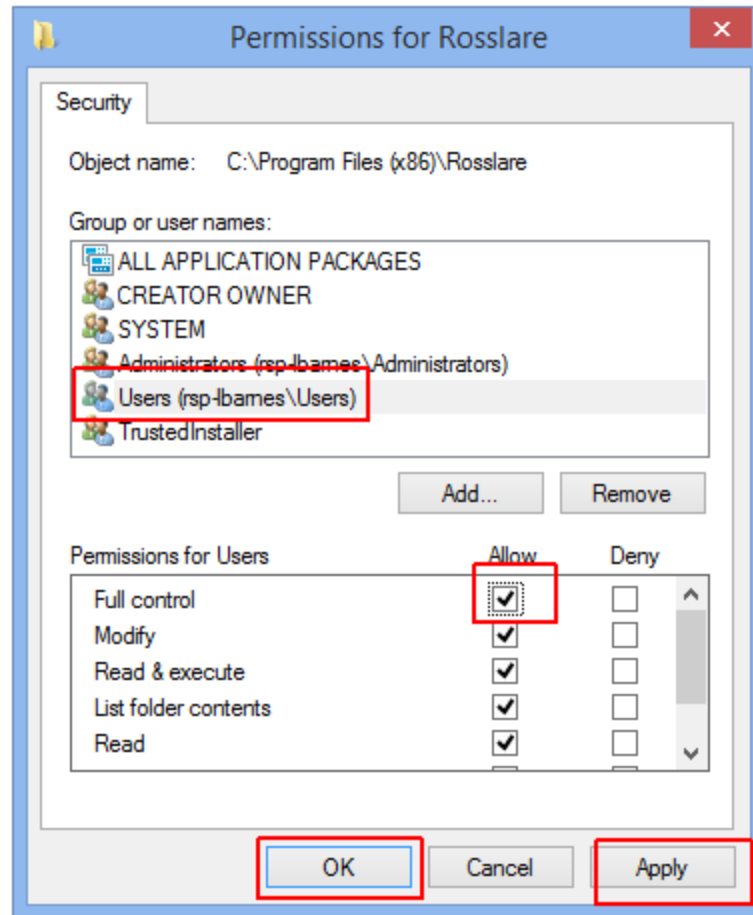
The screenshot shows a Windows File Explorer window titled "Rosslare". The address bar shows the path: "This PC > Windows8_OS (C:) > Program Files (x86) > Rosslare". The left sidebar shows a list of folders, with "Rosslare" highlighted. The main pane shows a list of files and folders with columns for Name, Date modified, and Type.

Name	Date modified	Type
AS-B01	11/17/2014 8:27 AM	File fo
AS-IP01 Configuration Utility	11/17/2014 8:25 AM	File fo
AxTraxNG Client	6/5/2015 11:42 AM	File fo
AxTraxNG Server	6/5/2015 2:25 PM	File fo
AxTraxNG Watchdog	6/5/2015 2:25 PM	File fo
ExClouds Reports Application	5/18/2015 2:50 PM	File fo
MiFare Reader Programmer	4/21/2015 4:37 PM	File fo

- The permissions on the Rosslare Program Files directories must be changed to allow changes to be made by the Axtraxconfig Tool utility.
- 1. Navigate to the "C:\Program Files (x86)\Rosslare" directory.
- 2. Right click and select Properties.

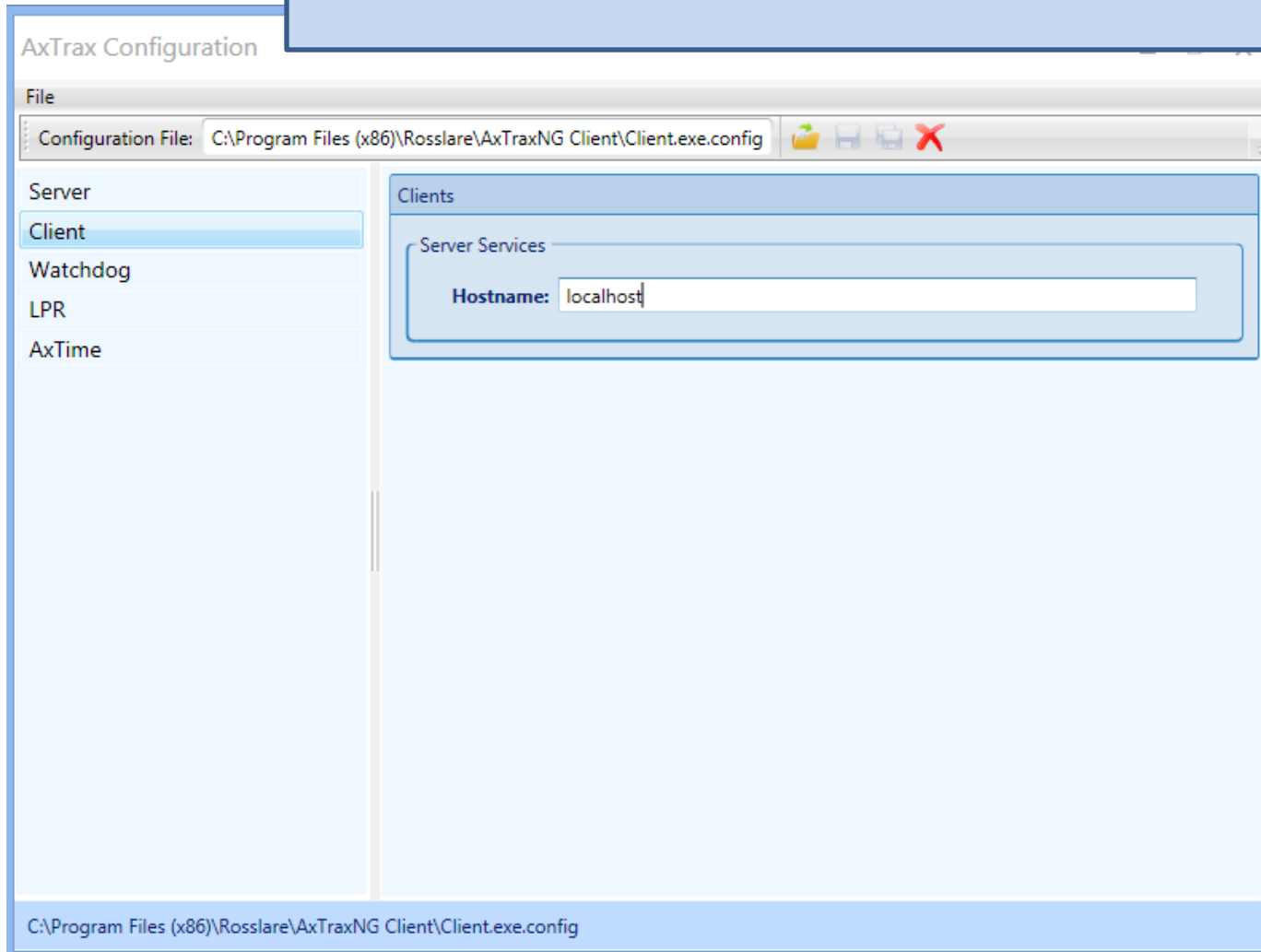


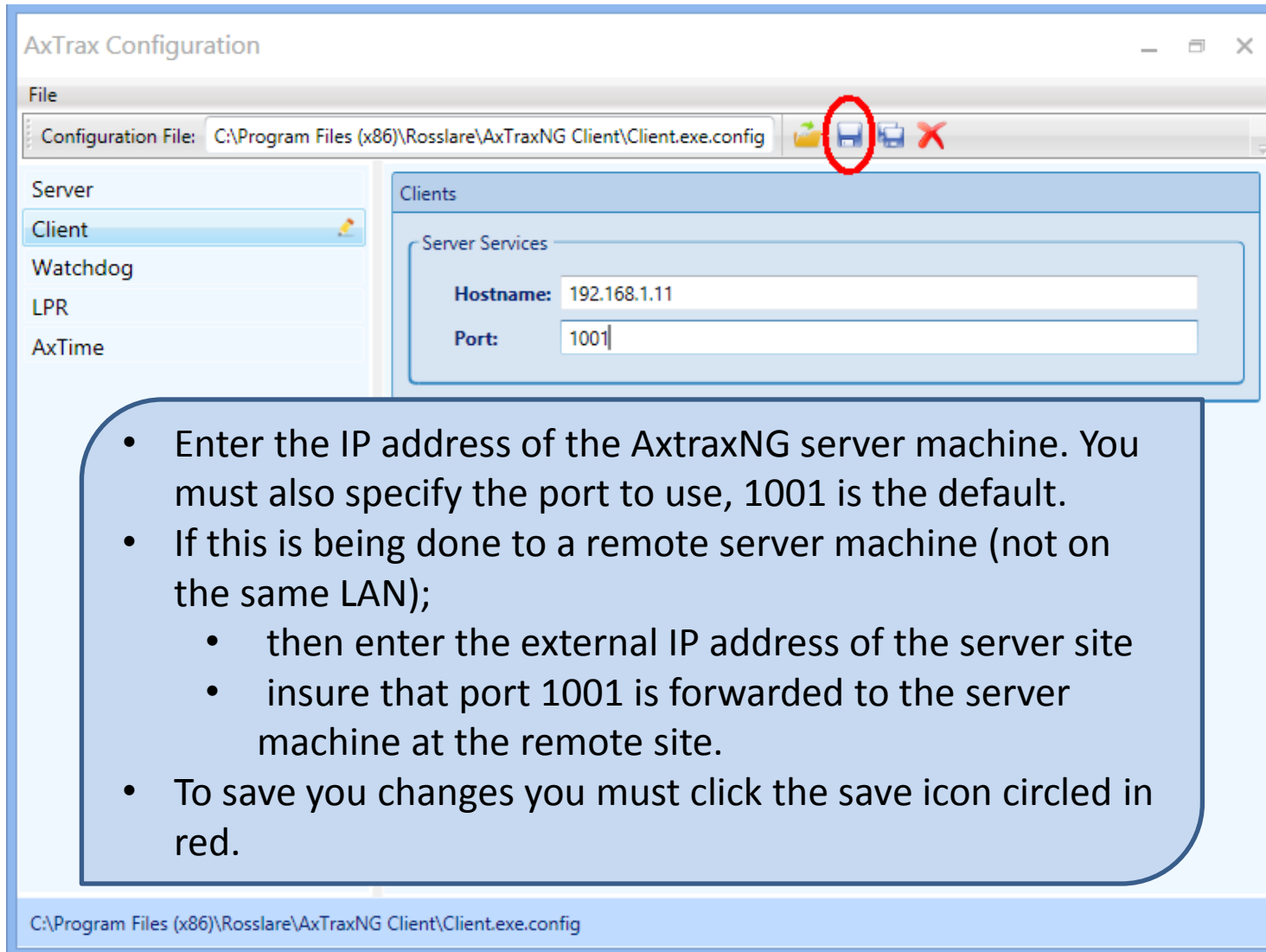
- Select the security tab at the top.
- Select Edit.



- 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

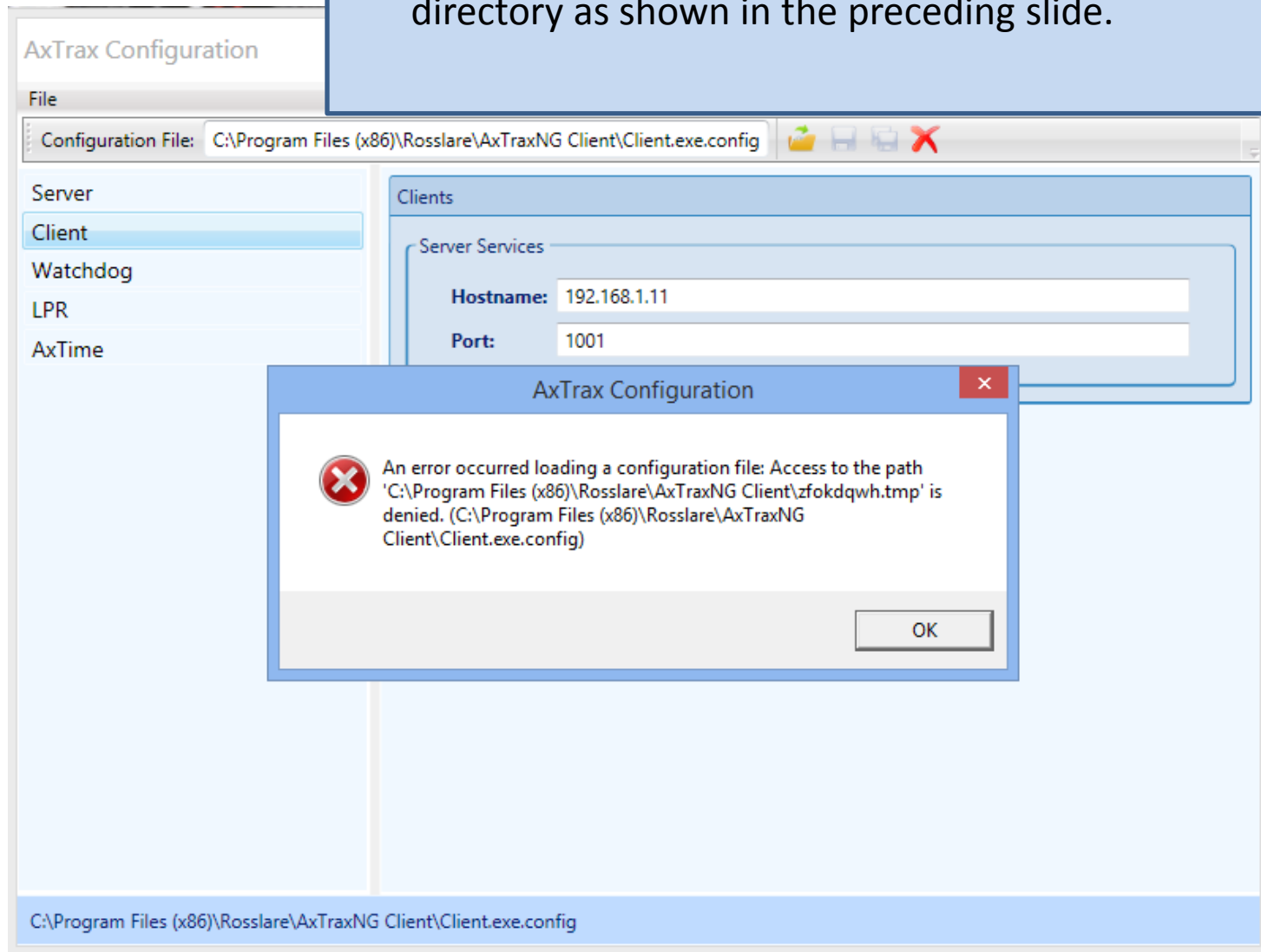
Hostname: 192.168.1.11

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.

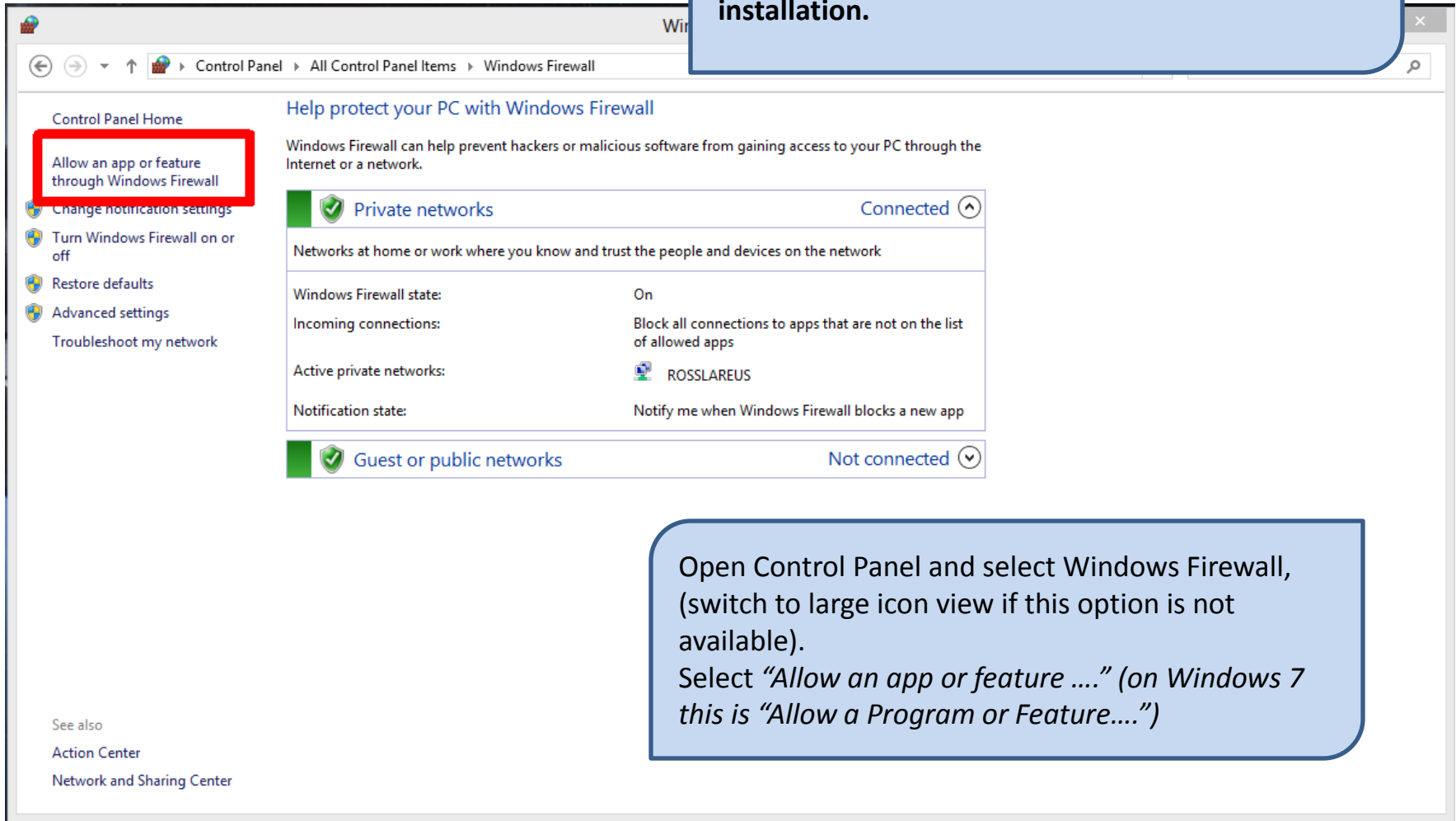


Firewall Configuration Windows 7 and 8

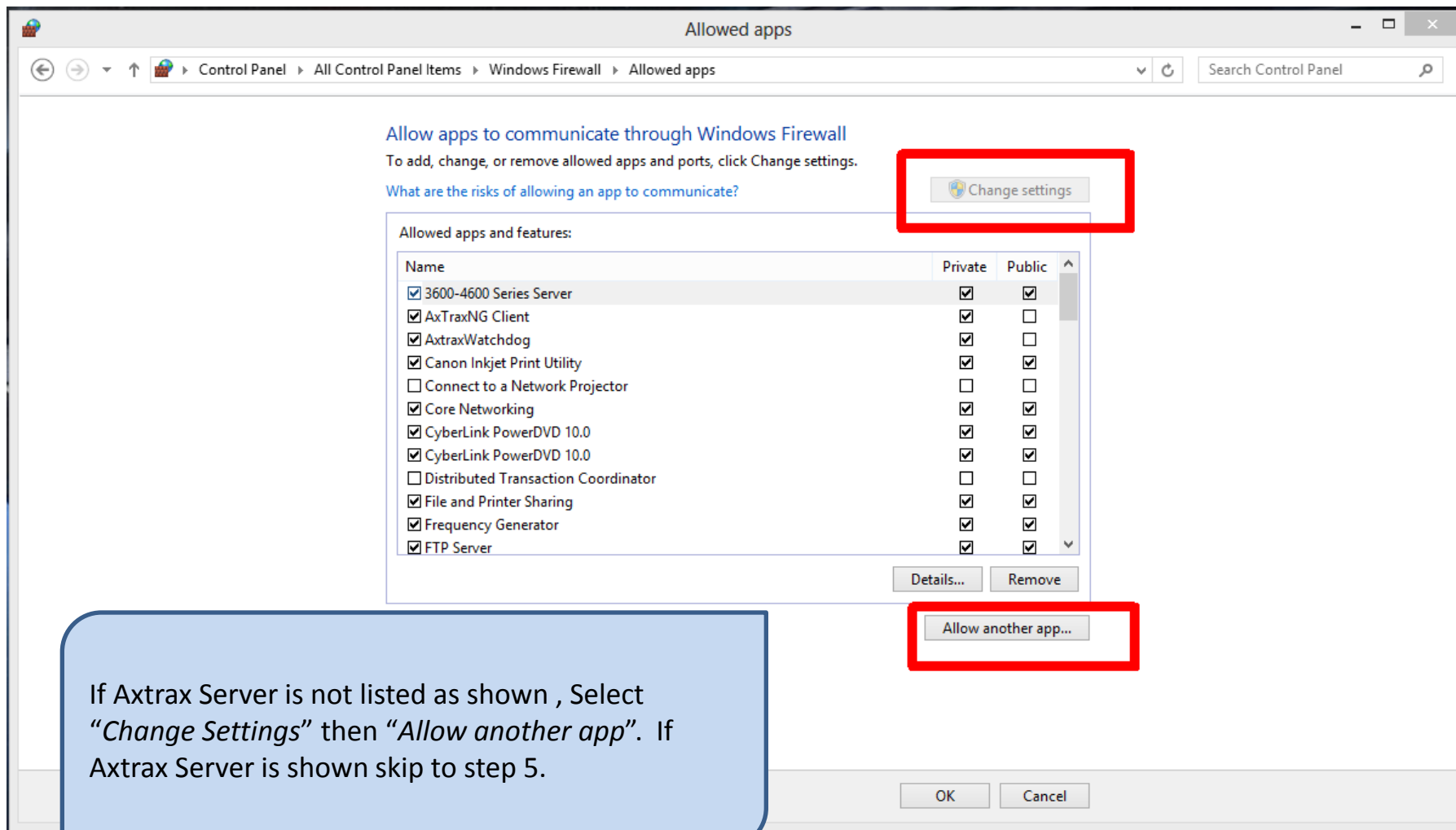
Configuring the Windows Firewall for
Remote Client

NOTICE

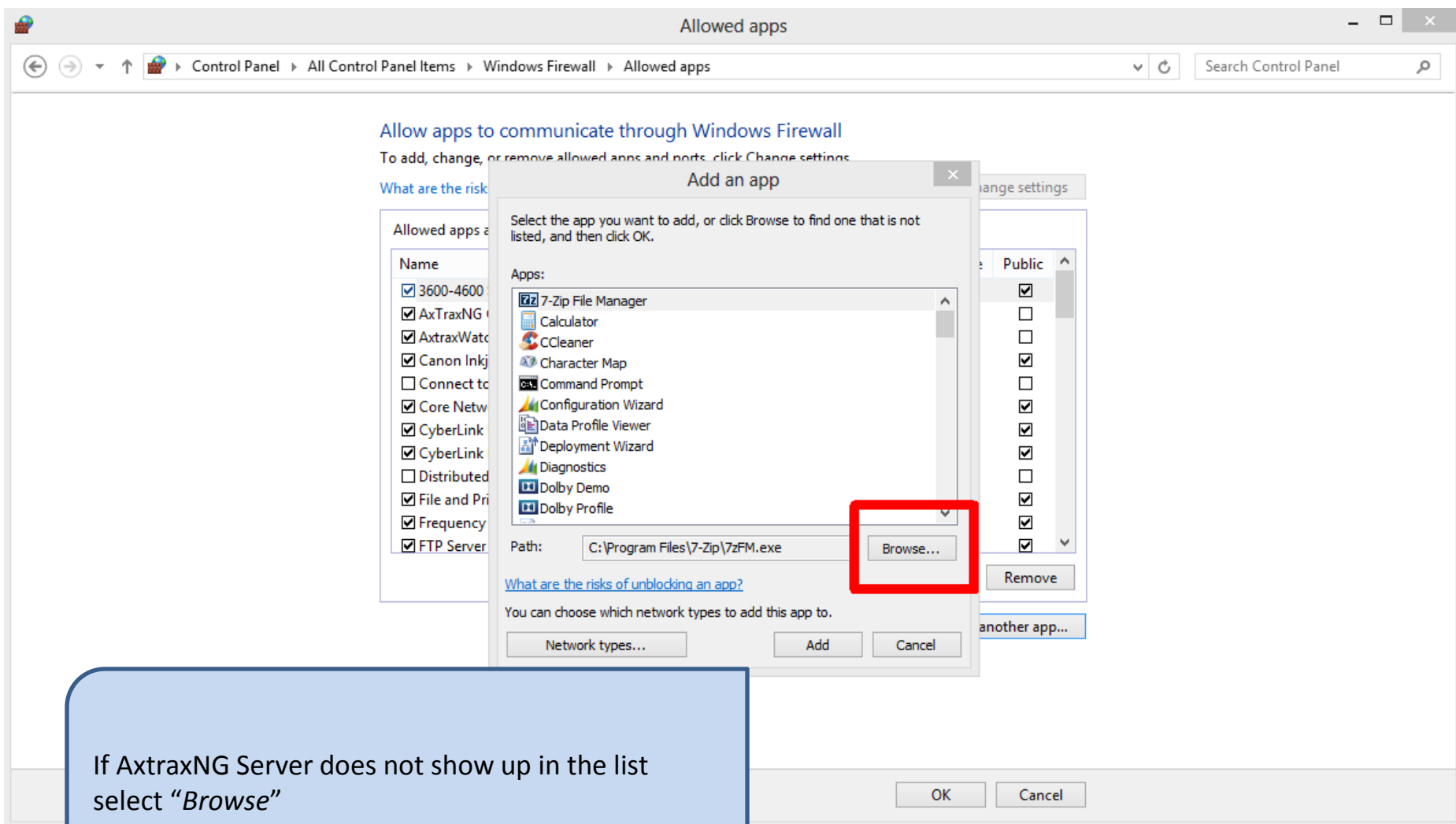
The following steps are performed on the AxtraxNG server machine if they were not at the time of installation.

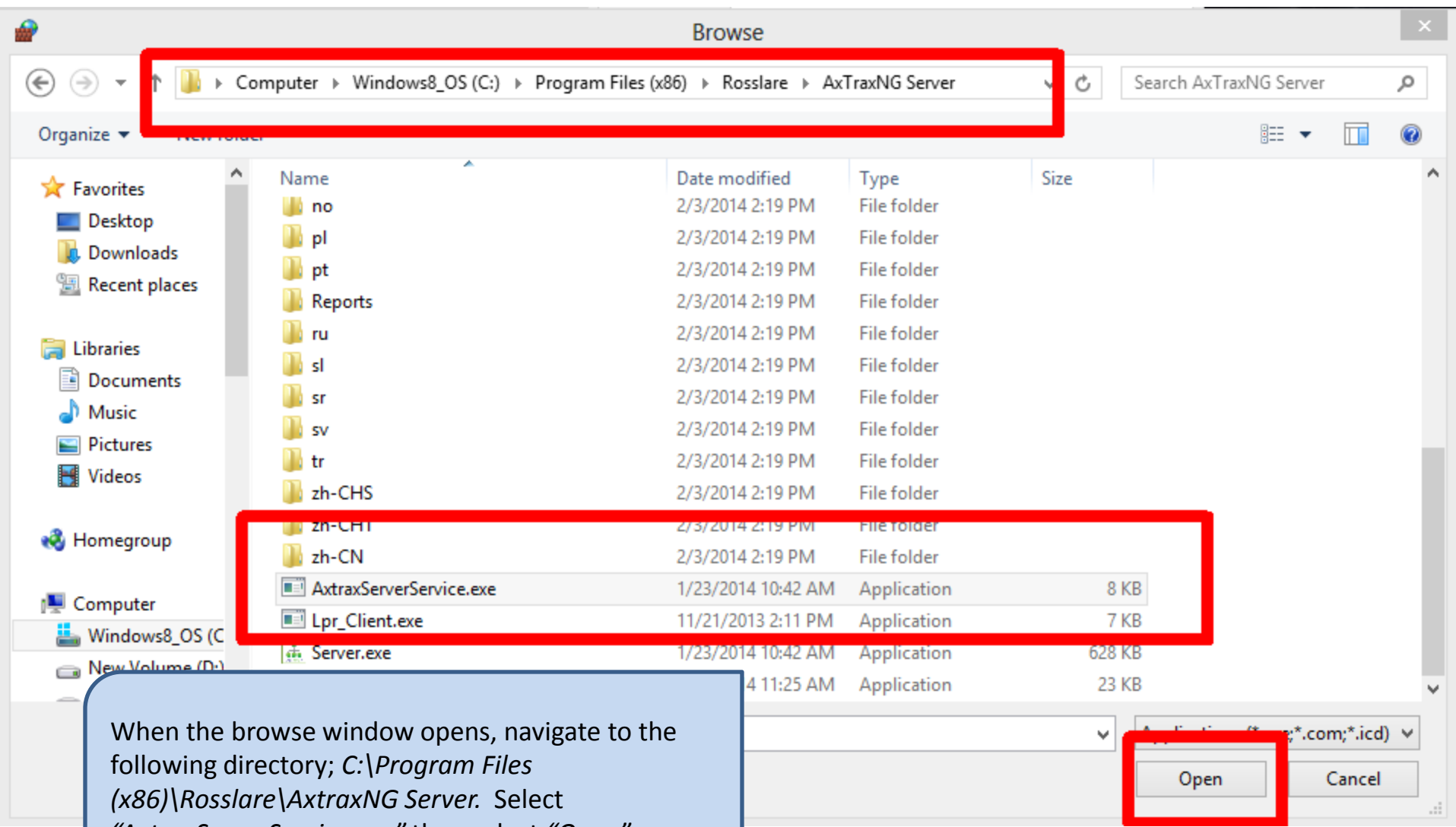


Open Control Panel and select Windows Firewall, (switch to large icon view if this option is not available).
Select *“Allow an app or feature”* (on Windows 7 this is *“Allow a Program or Feature....”*)

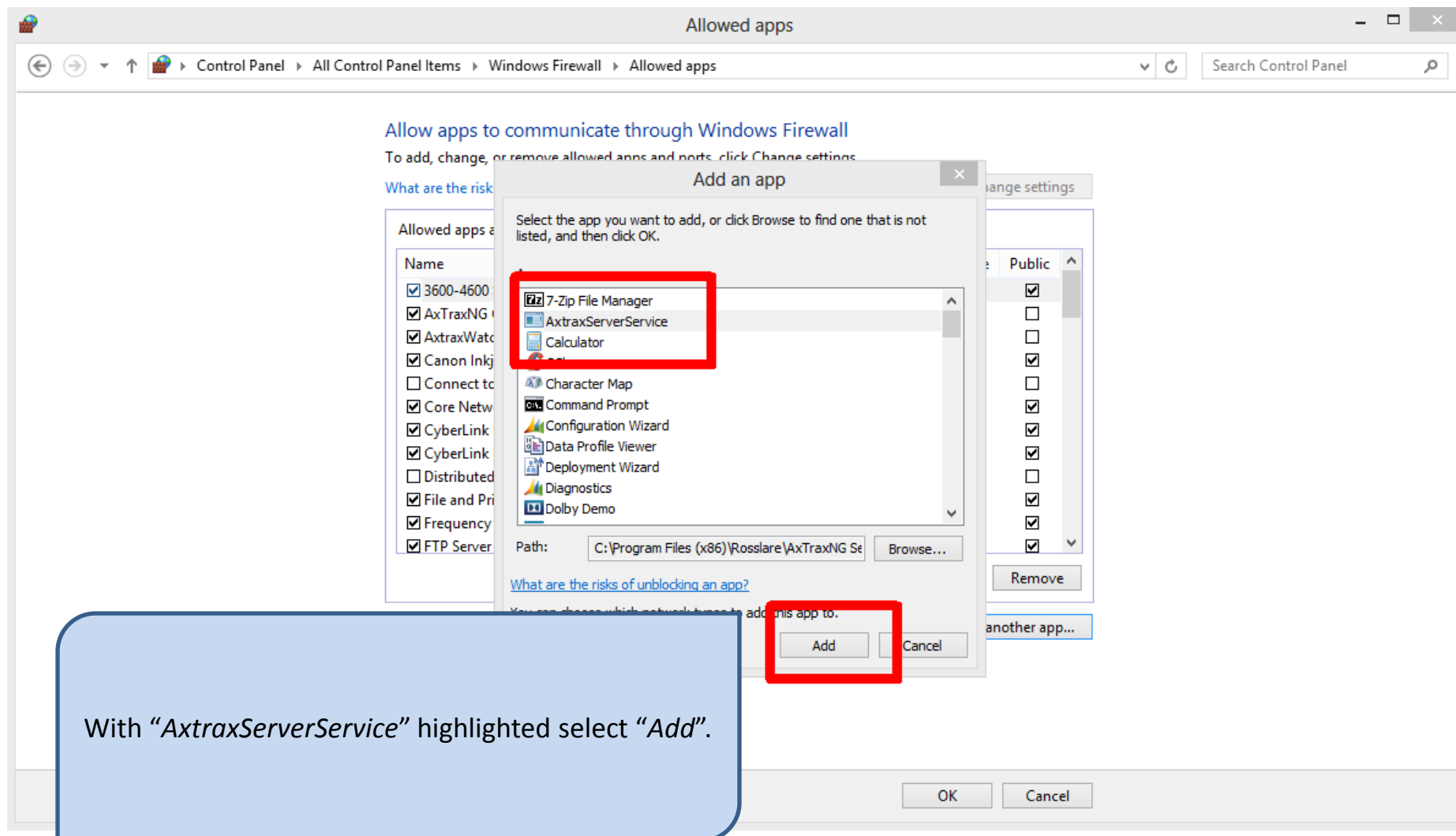


If Axtrax Server is not listed as shown , Select "Change Settings" then "Allow another app". If Axtrax Server is shown skip to step 5.





When the browse window opens, navigate to the following directory; *C:\Program Files (x86)\Rosslare\AxtraxNG Server*. Select "*AxtraxServerService.exe*" then select "*Open*"



Allowed apps

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

Search Control Panel

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:

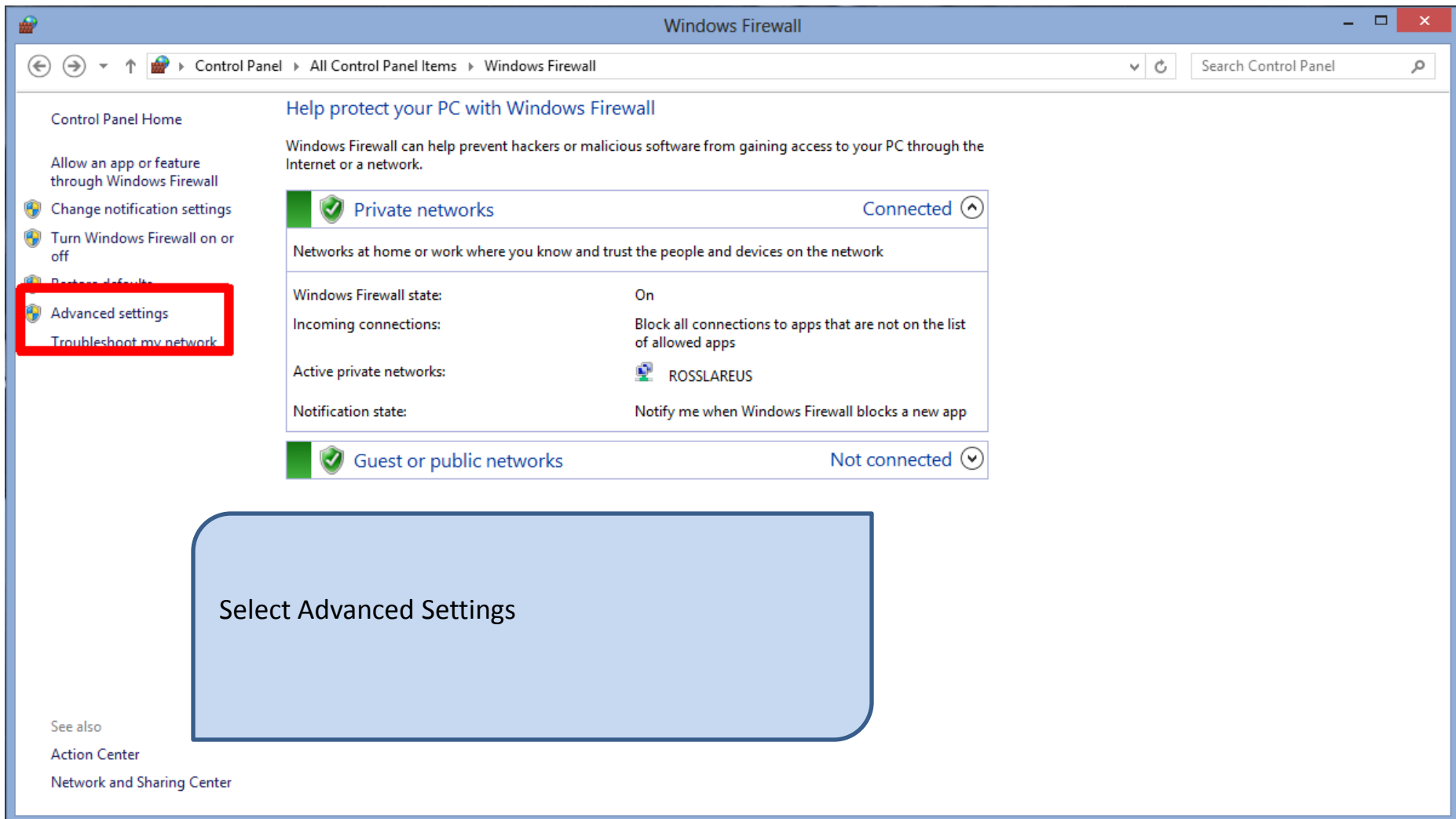
Name	Private	Public
<input checked="" type="checkbox"/> 3600-4600 Series Server	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> AxTraxNG Client	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> 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"/>

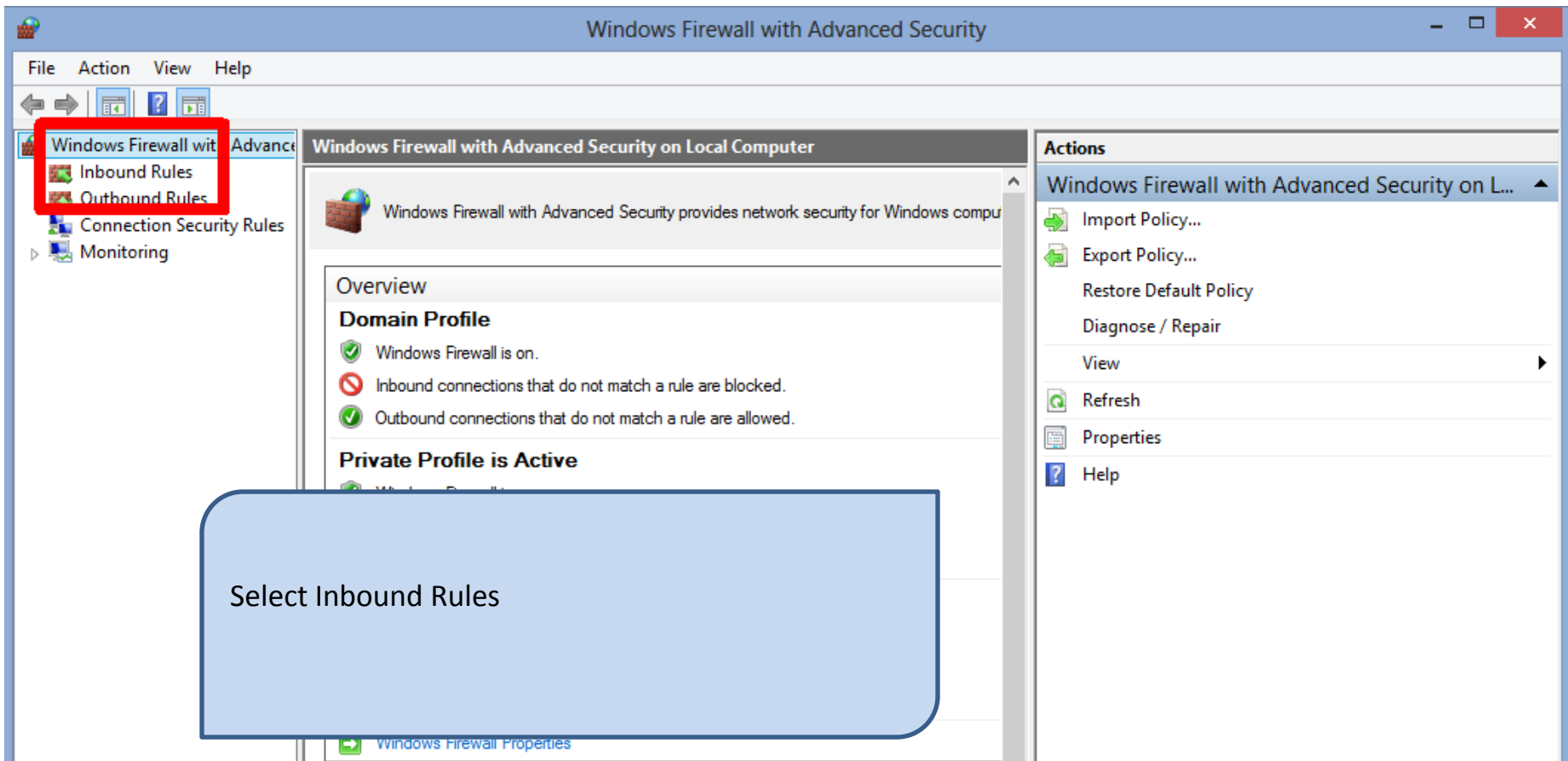
[Details...](#) [Remove](#)

[Allow another app...](#)

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

[OK](#) [Cancel](#)







Select Programs and Services

AxtraxServerService Properties

Protocols and Ports | Scope | Advanced | Local Principals | Remote Users

General | **Programs and Services** | Remote Computers

General

Name: AxtraxServerService

Description:

☒ Enabled

Action

☒ Allow the connection

☐ Allow the connection if it is secure

Customize...

☐ Block the connection

OK Cancel Apply

Select OK to close window after closing the windows shown to the right.

AxtraxServerService Properties

Protocols and Ports | Scope | Advanced | Local Principals | Remote Users

General | **Programs and Services** | Remote Computers

Programs

☒ All programs that meet the specified conditions

☐ This program: C:\Program Files (x86)\Rosslare\AxTra Browse...

Application Packages

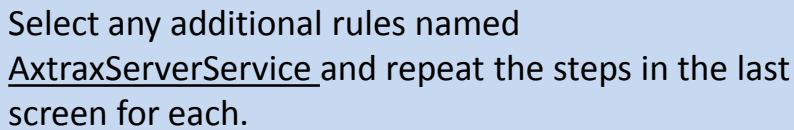
Specify the application packages to which this rule applies. Settings...

Services

Specify the services to which this rule applies. Settings...

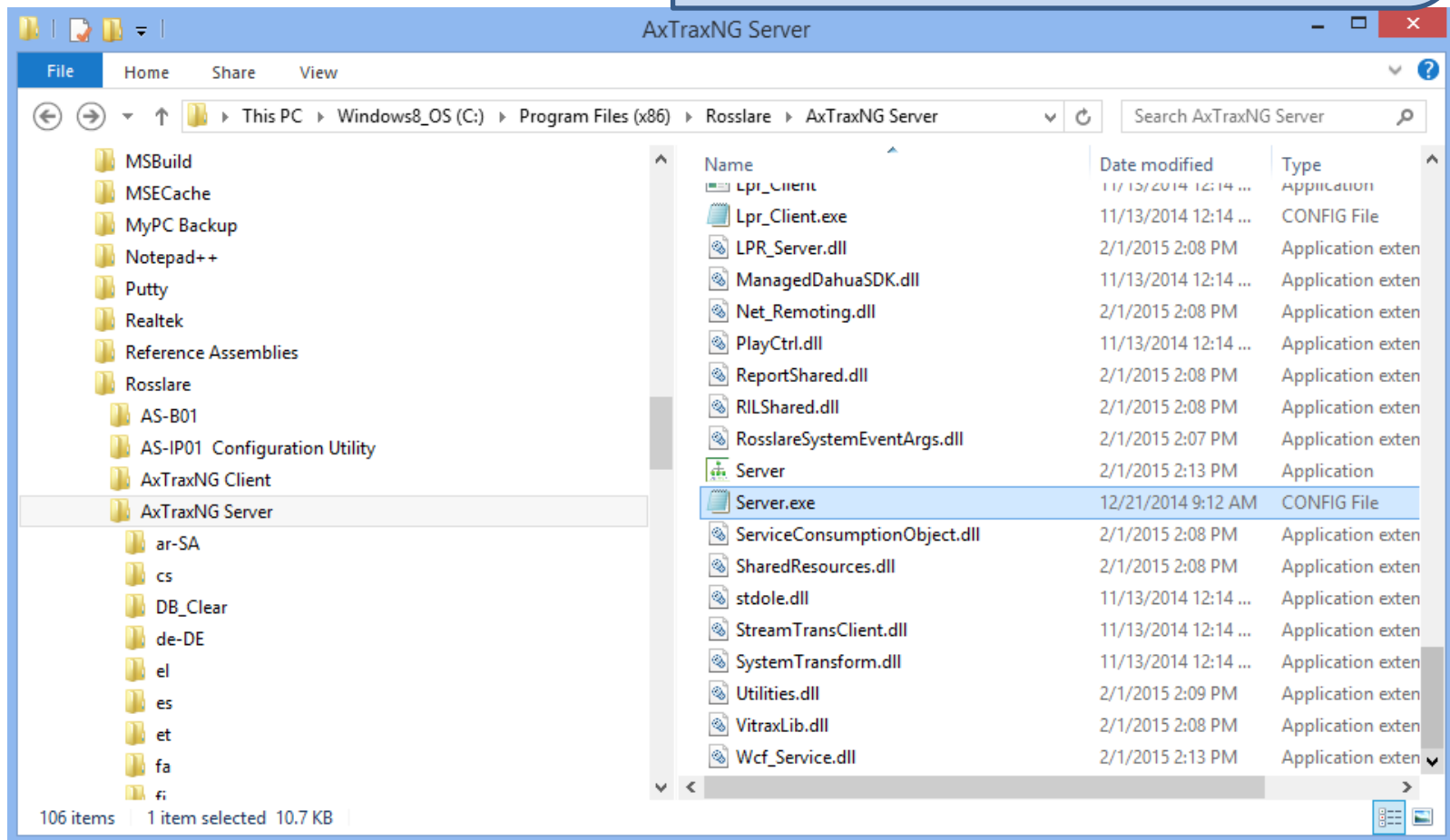
OK Cancel Apply

Select All programs that meet the specified conditions then select OK

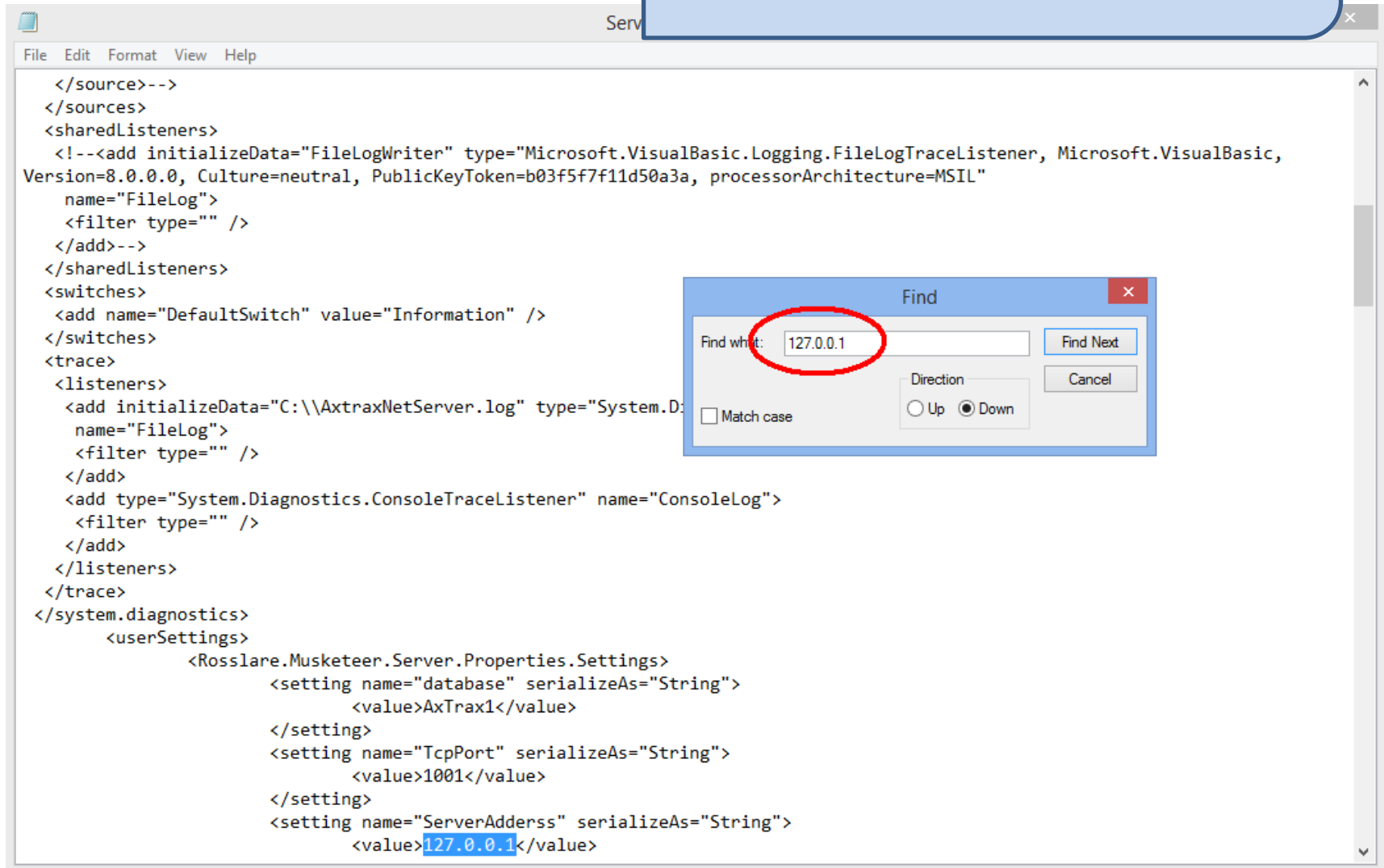


- If the remote Client does not connect make the following configuration file modification on the server machine.
- Open Windows Explorer and navigate to the following directory; C:\Program files (x86)\Rosslare\AxtraxNG Server.
- Locate the file named Server.exe.config, on most systems the extension .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

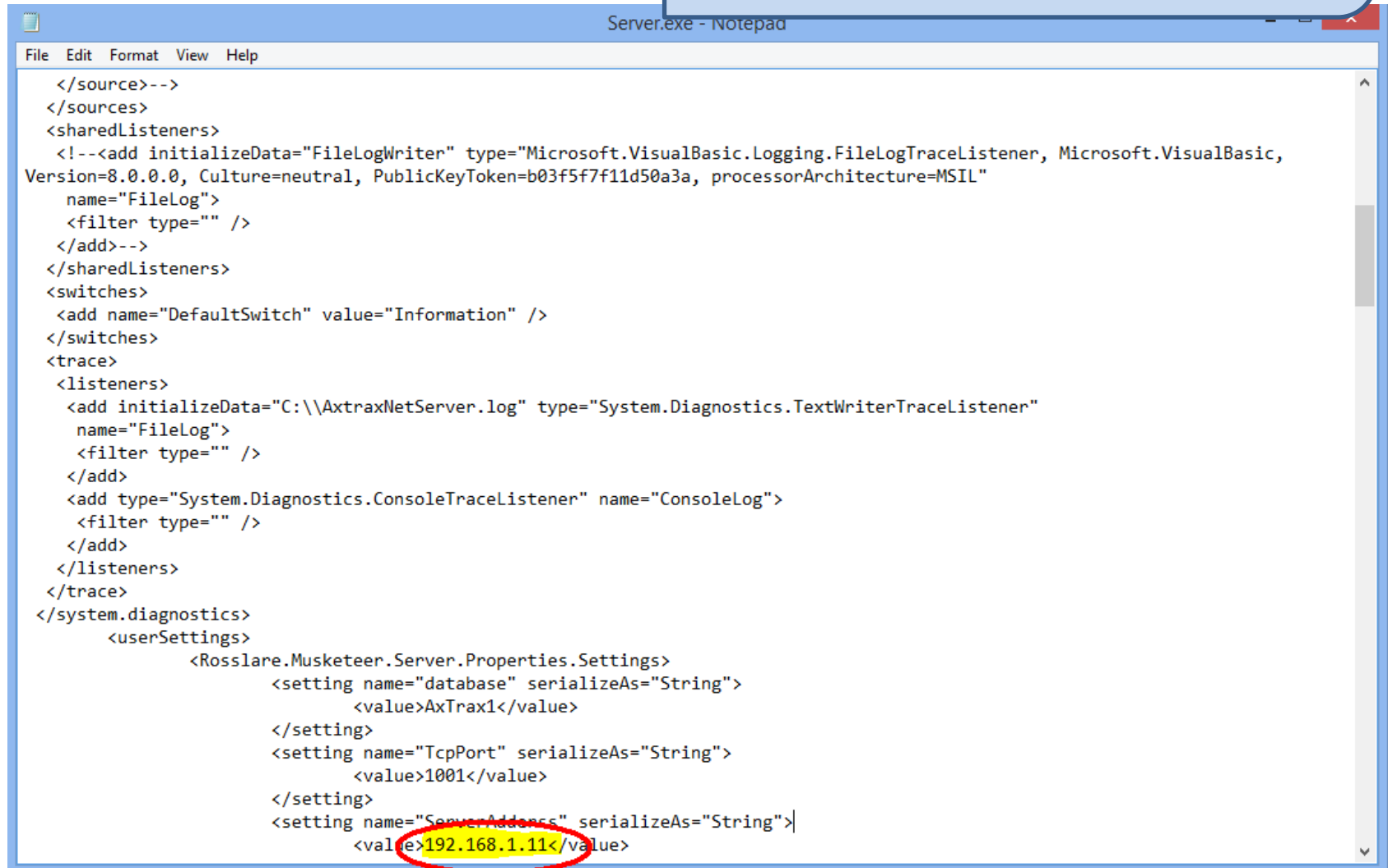


The screenshot shows a Notepad window with an XML file. The XML content is as follows:

```
</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>
```

A 'Find' dialog box is open over the text '127.0.0.1' in the XML. The 'Find what:' text box contains '127.0.0.1', which is circled in red. The 'Find Next' button is highlighted. The 'Match case' checkbox is unchecked. The 'Direction' section shows 'Up' and 'Down' radio buttons, with 'Down' being selected.

- 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>
      </setting>
    </Rosslare.Musketeer.Server.Properties.Settings>
  </userSettings>
</configuration>
```