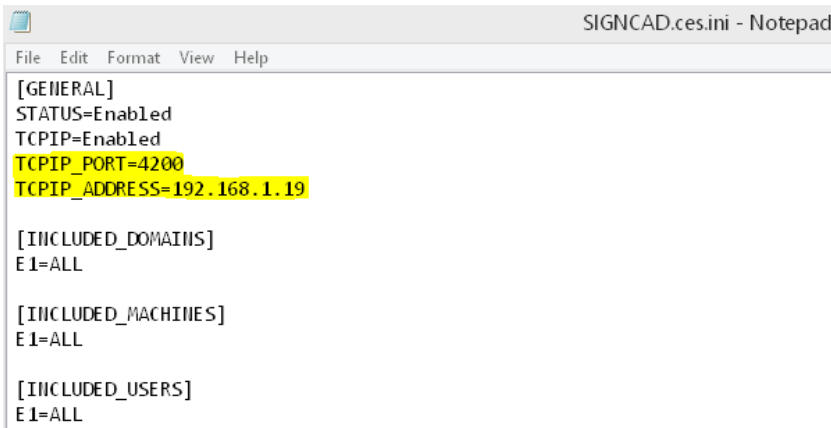


Network Installation Instructions for SignCAD®

SERVER INSTALL

IMPORTANT: If SignCAD is currently installed at the server, uninstall SignCAD and manually delete the SignCAD folder (C:\SignCAD) as well as any signcad.ini and signcad_template.ini files found in the C:\Windows folder before installing the new version.

1. Run the setup.exe and enter the **CD KEY: S3210-C3210**. Choose the “**Network Server Installation**” and “**License server only**” options and follow the defaults to install under C:\SignCAD. This should be about a 30 second install.
2. Open the signcad.ces.ini file located in the C:\SignCAD folder on the server in Notepad. Set the IP Address for your server and the port you plan to use under the [GENERAL] section and save your changes.



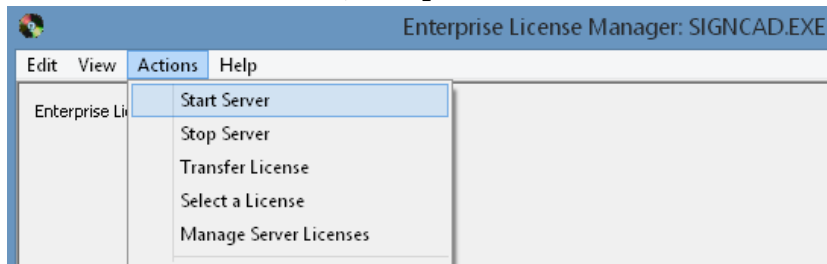
```
SIGNCAD.ces.ini - Notepad
File Edit Format View Help
[GENERAL]
STATUS=Enabled
TCPIP=Enabled
TCPIP_PORT=4200
TCPIP_ADDRESS=192.168.1.19

[INCLUDED_DOMAINS]
E1=ALL

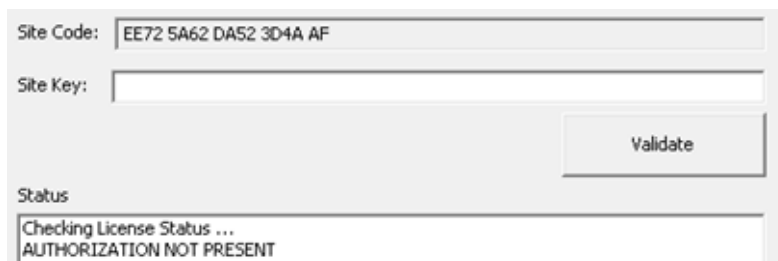
[INCLUDED_MACHINES]
E1=ALL

[INCLUDED_USERS]
E1=ALL
```

3. Right click on the Enterprise License Manager in the C:\SignCAD folder and pick Run As Administrator.
 - a. Select Actions/Start Server, then press OK to the “Server is now running” dialog box.



- b. Select Actions /Manage Server Licenses and then select your server IP Address to generate a Site Code.

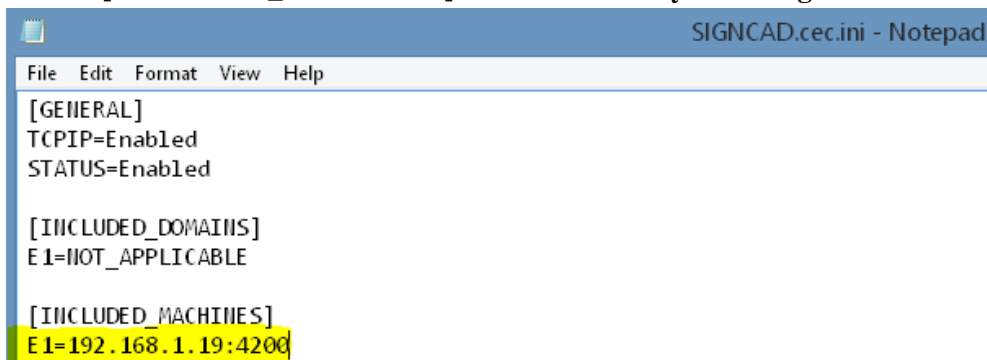


- c. E-mail the Site Code to support@signcad.com to get your SignCAD Site Key.
- d. Enter your Site Key in the Enterprise License Manager and press Validate.
- e. Press OK and exit the Enterprise License Manager.

CLIENT SIDE OF SERVER INSTALL

IMPORTANT: If SignCAD is currently installed on the client computer, uninstall SignCAD and delete the SignCAD folder (C:\SignCAD)) as well as any signcad.ini and signcad_template.ini files found in the C:\Windows folder before installing the new version.

1. Run the setup.exe and enter the **CD KEY: S3210-C3210**. Choose the “Network Client Node Installation” option and follow the defaults to install under C:\SignCAD. **REBOOT** the client computer after installation.
2. Connect the client computer to the server.
 - a. **FOR FIRST CLIENT INSTALL ONLY** - Go into the C:\SignCAD folder at the client computer and open the signcad.cec.ini file. Add the server IP Address:PORT under the [INCLUDED_MACHINES] section and save your changes.



```
SIGNCAD.cec.ini - Notepad
File Edit Format View Help
[GENERAL]
TCPIP=Enabled
STATUS=Enabled

[INCLUDED_DOMAINS]
E1=NOT_APPLICABLE

[INCLUDED_MACHINES]
E1=192.168.1.19:4200
```

- b. **FOR ALL OTHER CLIENT INSTALLS** – Copy the signcad.cec.ini file from the first client install into the C:\SignCAD folder of your next client install to connect that computer to the server as well.
3. Give users full control permissions to the following folders on the client computer:
 - a. C:\SignCAD
 - b. C:\Program Files\Borland\Common Files\BDE

SIGNCAD INSTALL TROUBLESHOOTING

1. SignCAD install hangs at 0% during installation

There is a process running on the computer that is conflicting with the Wise installer that SignCAD uses and that is causing the problem. You will want to end processes running on the computer. Please keep the SignCAD install up and going on your computer because once you end the correct process, the setup will resume. Below are some processes to end, but a different process not shown below could be causing the problem.

Bentley Connection Client
Skype
Google Chrome
Yahoo
Logitech Setpoint
Splwow64.exe
Desktopauthority.exe
Adobe

2. “Unable to Start Database Engine”

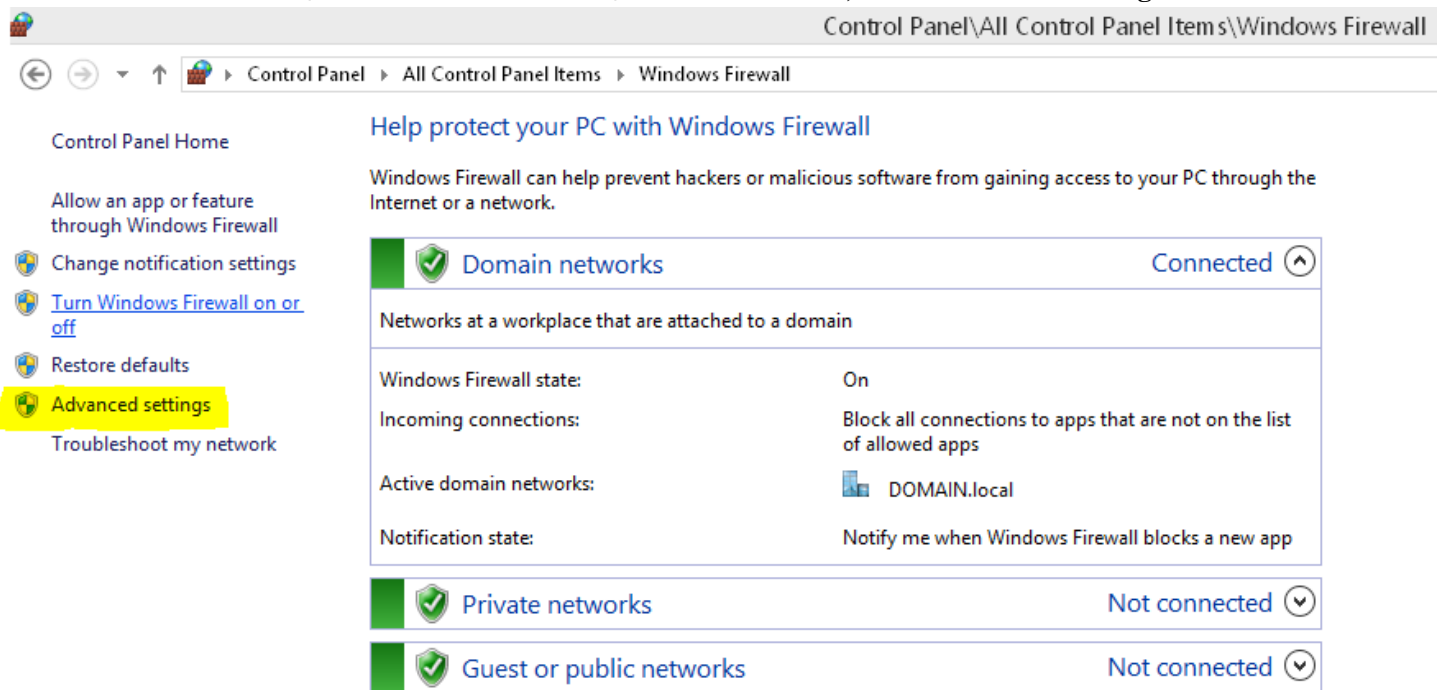
NOTE: You must be logged in as Administrator to make these changes.

1. Go the **Control Panel** and select the **BDE Administrator icon**
2. Select the **Configuration** tab
3. Select **drivers**
4. Select **native**
5. Select **Paradox**
6. On the upper right hand side you will see **NET DIR:** type or browse to (C:\SignCAD\Stds) in the line to the right of the Net Dir. (This location is where the pdoxusr.net file is setup)
7. Select **object** on your toolbar
8. Select **apply** and it will say saving all edits to paradox
9. Select **ok** to that and then reboot your machine

3. “Requested License Server Not Found”, “License No Longer Valid”

You will need to manually create inbound and outbound PORT rules at the server for Windows Firewall.

1. In Control Panel\All Control Panel Items\Windows Firewall, select **Advanced settings** on the left.



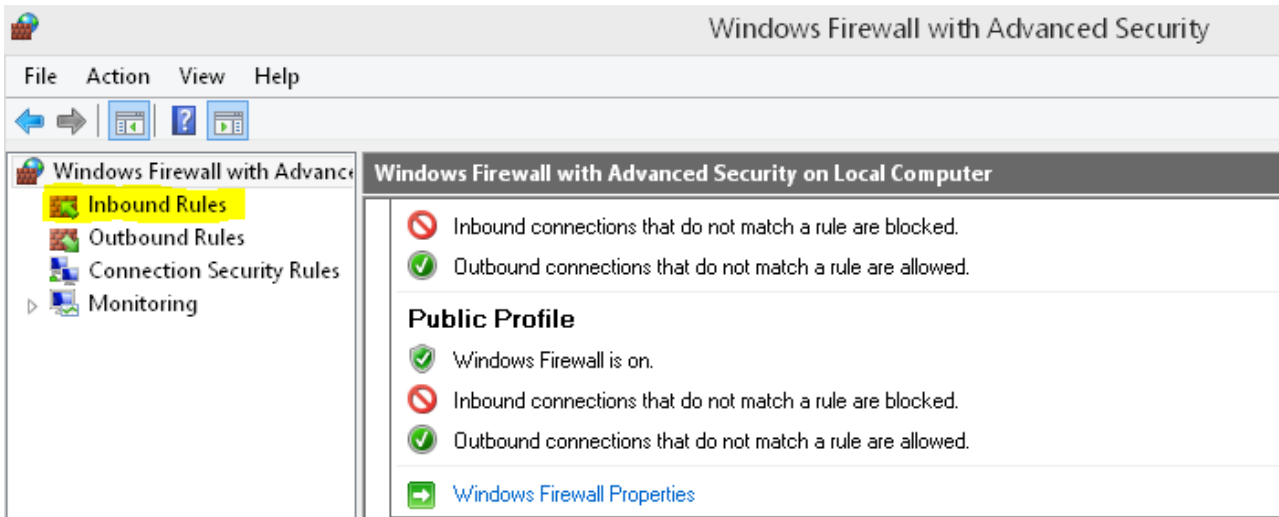
The screenshot shows the Windows Firewall Advanced Settings window. The title bar reads "Control Panel\All Control Panel Items\Windows Firewall". The breadcrumb navigation shows "Control Panel > All Control Panel Items > Windows Firewall". On the left sidebar, "Advanced settings" is highlighted. The main content area is titled "Help protect your PC with Windows Firewall" and contains a table of network profiles:

Network Profile	Status
Domain networks	Connected
Private networks	Not connected
Guest or public networks	Not connected

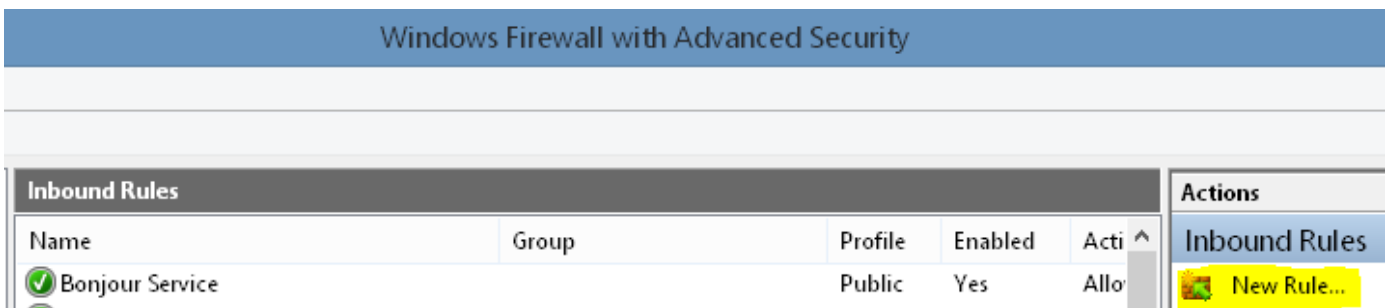
Under the "Domain networks" profile, the following settings are visible:

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

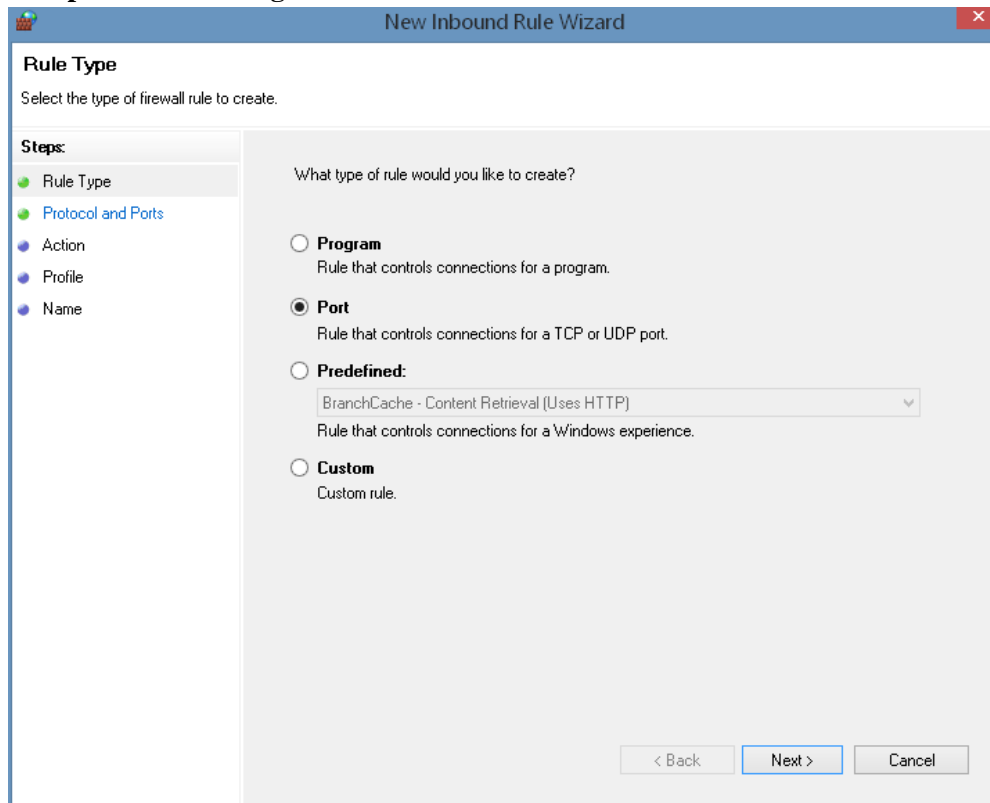
2. In Windows Firewall with Advanced Security, pick **Inbound Rules** on the left.



3. Pick the New Rule under Inbound Rules.



4. Use the New Inbound Rule Wizard to create a PORT rule that controls connections for the TCP port specified in the signcad.ces.ini file at the server.



New Inbound Rule Wizard

Protocol and Ports

Specify the protocols and ports to which this rule applies.

Steps:

- Rule Type
- Protocol and Ports**
- Action
- Profile
- Name

Does this rule apply to TCP or UDP?

TCP

UDP

Does this rule apply to all local ports or specific local ports?

All local ports

Specific local ports:

Example: 80, 443, 5000-5010

< Back Next > Cancel

New Inbound Rule Wizard

Action

Specify the action to be taken when a connection matches the conditions specified in the rule.

Steps:

- Rule Type
- Protocol and Ports
- Action**
- Profile
- Name

What action should be taken when a connection matches the specified conditions?

Allow the connection

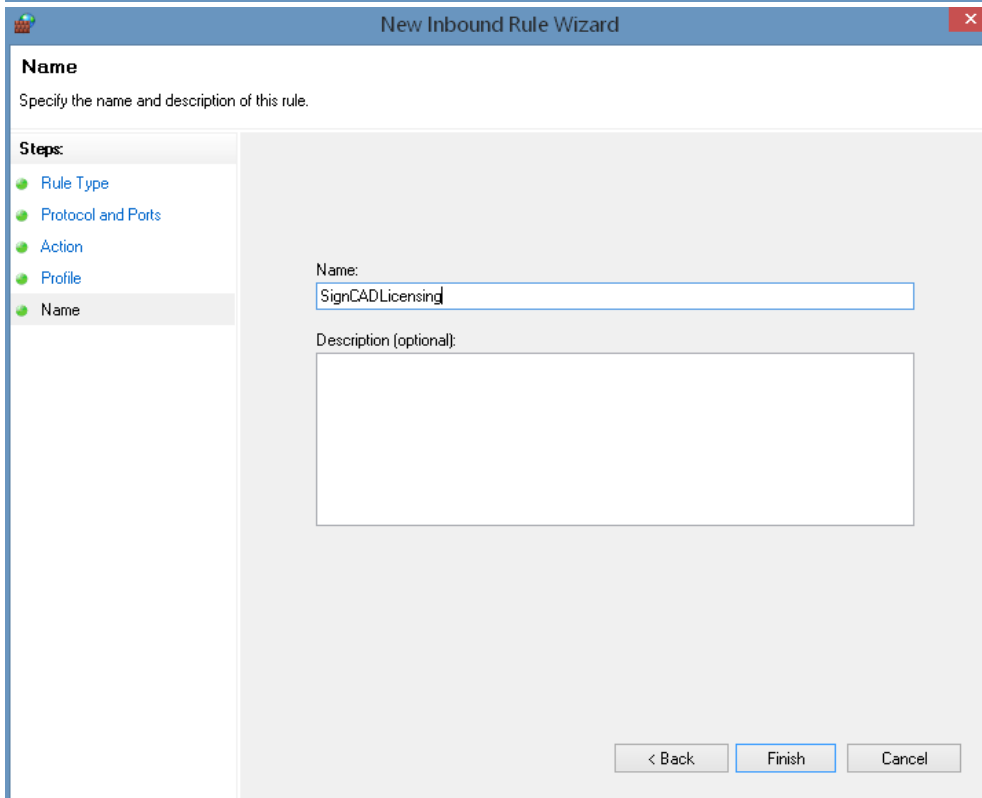
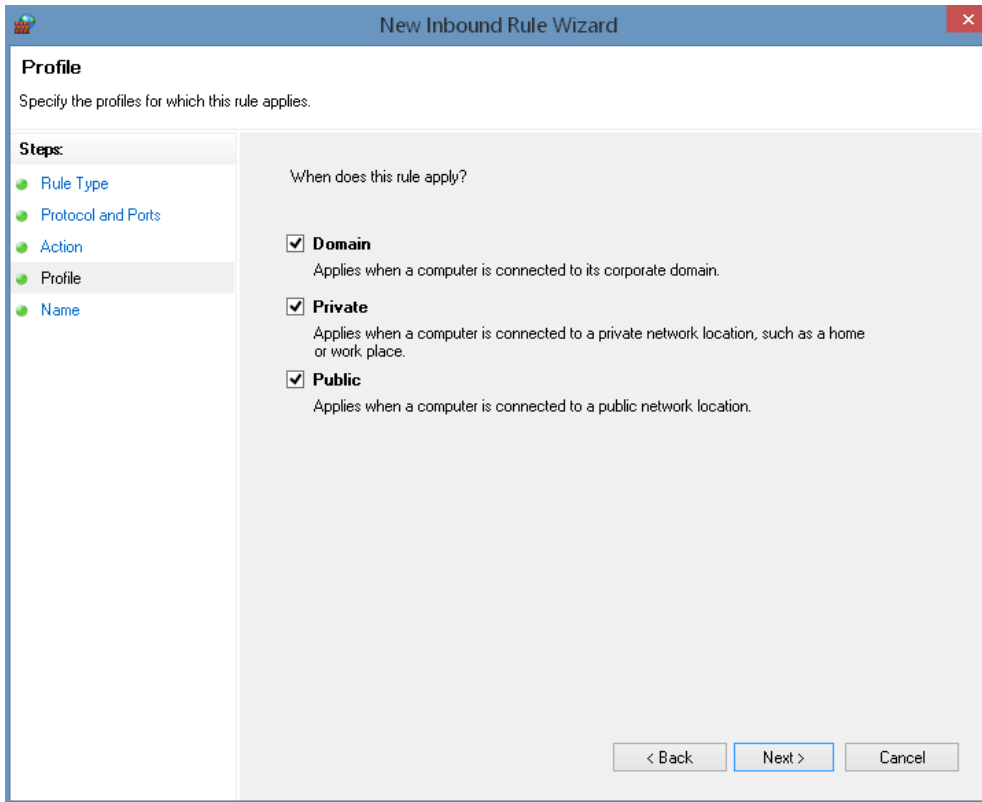
This includes connections that are protected with IPsec as well as those are not.

Allow the connection if it is secure

This includes only connections that have been authenticated by using IPsec. Connections will be secured using the settings in IPsec properties and rules in the Connection Security Rule node.

Block the connection

< Back Next > Cancel



Inbound Rules										
Name	Group	Profile	Enabled	Action	Override	Program	Local Address	Remote Address	Protocol	Local Port
✓ SignCADLicensing		All	Yes	Allow	No	Any	Any	Any	TCP	4200

5. Follow similar steps to create a New Outbound PORT rule for the same TCP port.