

# INTERNATIONAL POINT OF SALE

## CornerStore guide to Networking Computers



This guide will explain how to network 2 or more computers together so you can have a server or back office computer, and front register client computers.

Make sure all computers are connected via a same router or other networking device. Decide which computer will be the “server” computer, which one will be the main computer, or “client” computers and which will be the front registers.

**You must uninstall any ANTI-VIRUS you have on your computers you want to network.**

**Make note of the computer name and workgroup of all your computers. If there are multiple names on the same network, please change them so none of them repeat, make sure every computer has the same workgroup name.**

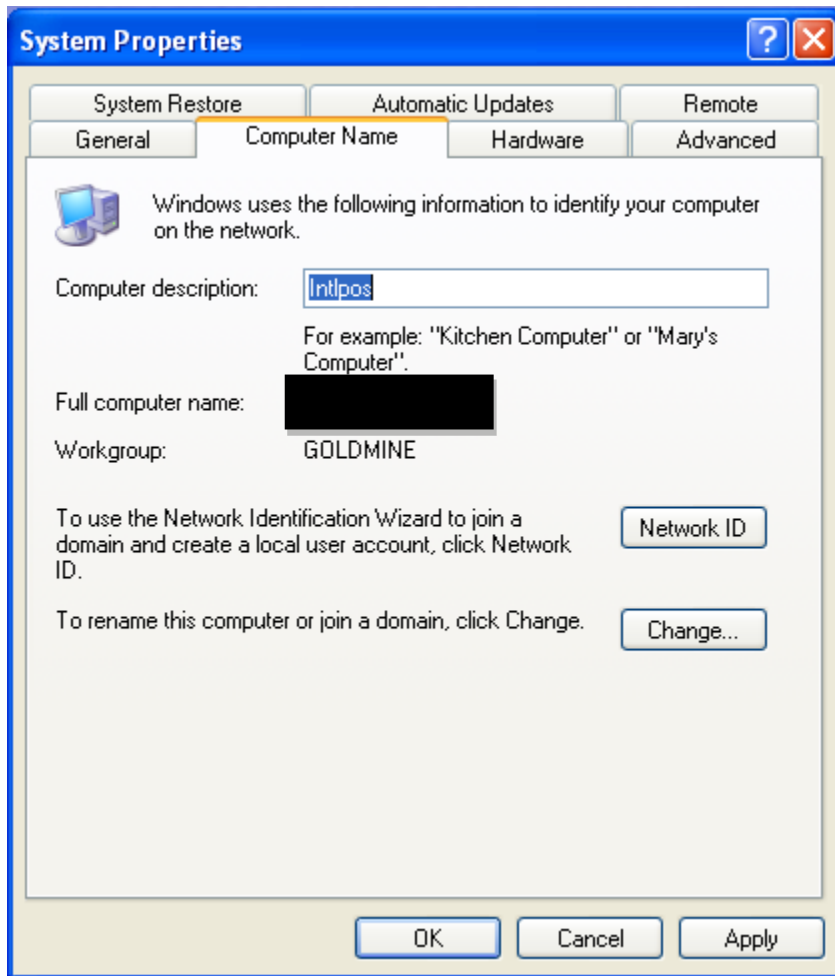
## How to change your Computer name and workgroup name

### *Windows XP*

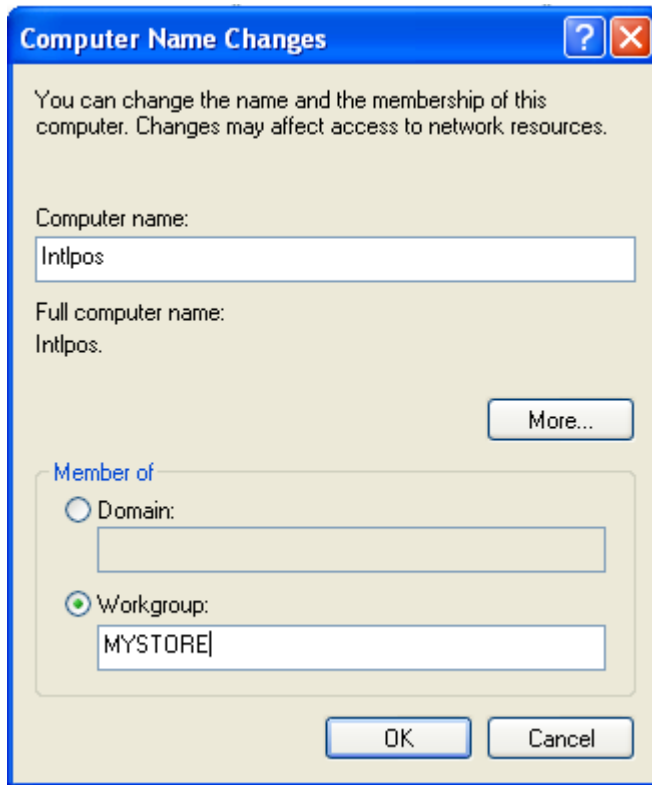
Go to Start > Right Click Computer > Properties > Computer Name, then click Change...

### *Windows Vista/7*

Go to Start > Right Click Computer > Properties > Look for the Computer name and click change settings, click change...



Enter a computer name into the Computer Name field, and select Workgroup, choose a name for all your computers to be on, make it unique to your store.



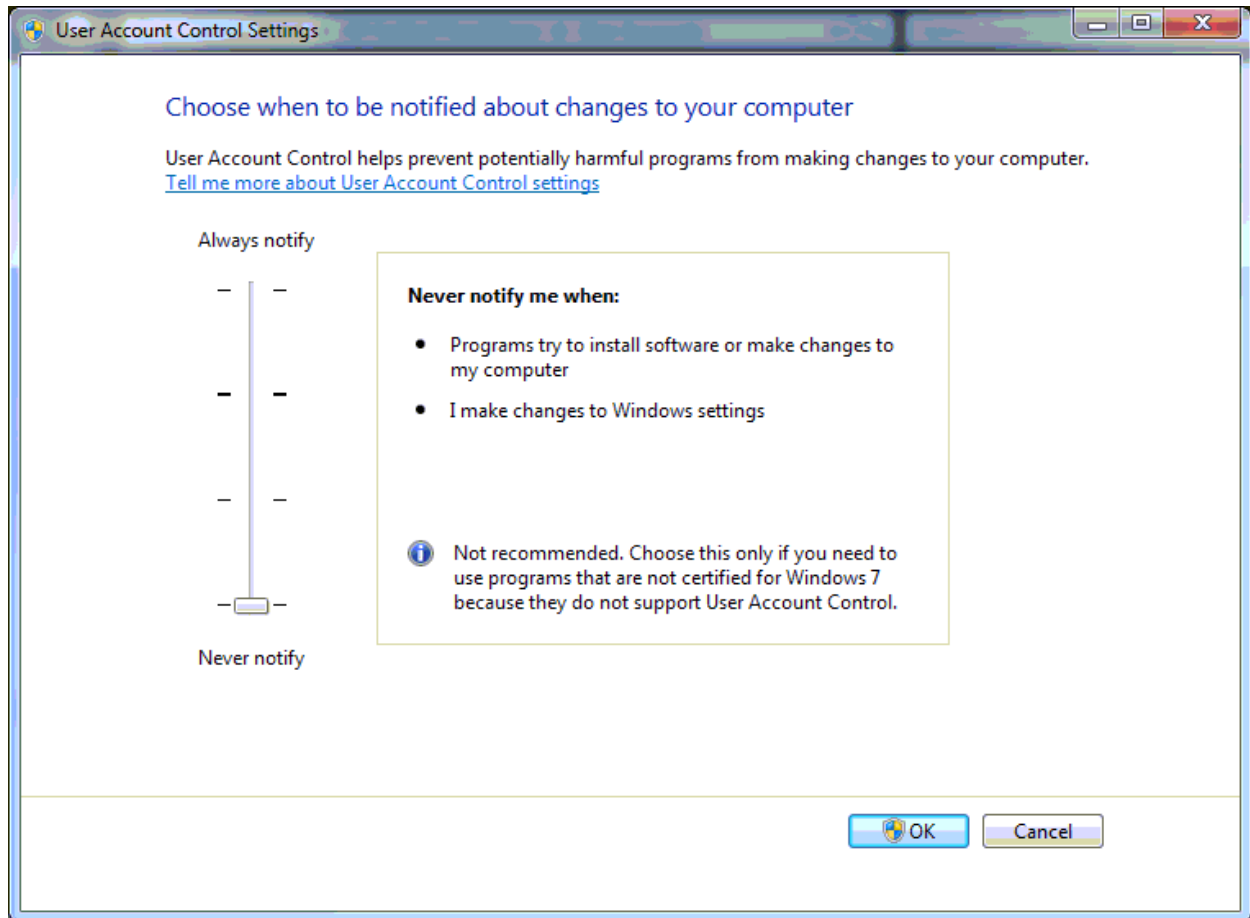
Click OK, Apply, then OK again.

***Turning off User Account Control (Vista/7 only)***

Go to Start > Control Panel > User Accounts > Click on Change User Account Control Settings

In Windows 7, slide the slider to Never Notify

In Windows Vista, toggle it off.



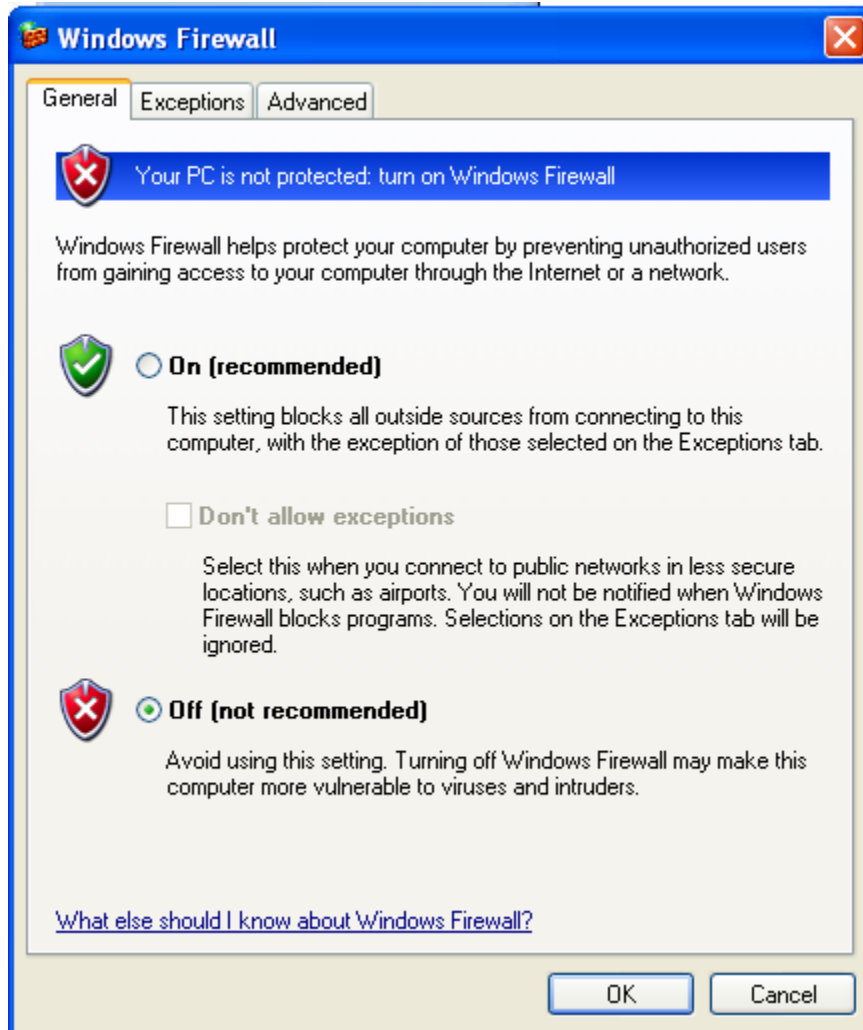
**Click OK. You need to restart your computer in order to apply these changes.**

## Now you can start networking your computers!

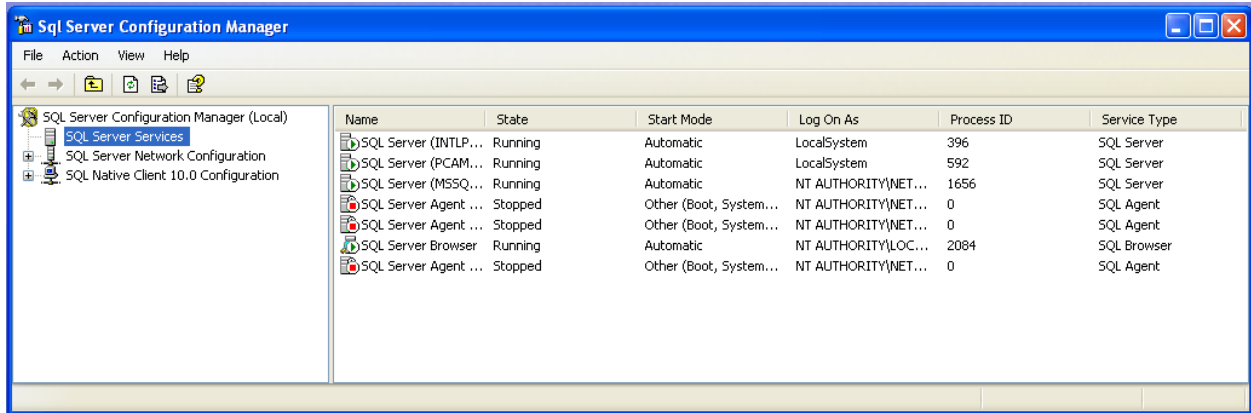
**Step 1:** Before continuing, you must make sure that Windows Firewall is off for all network computers.

1: Go to Start > **Control Panel** > **Windows Firewall**

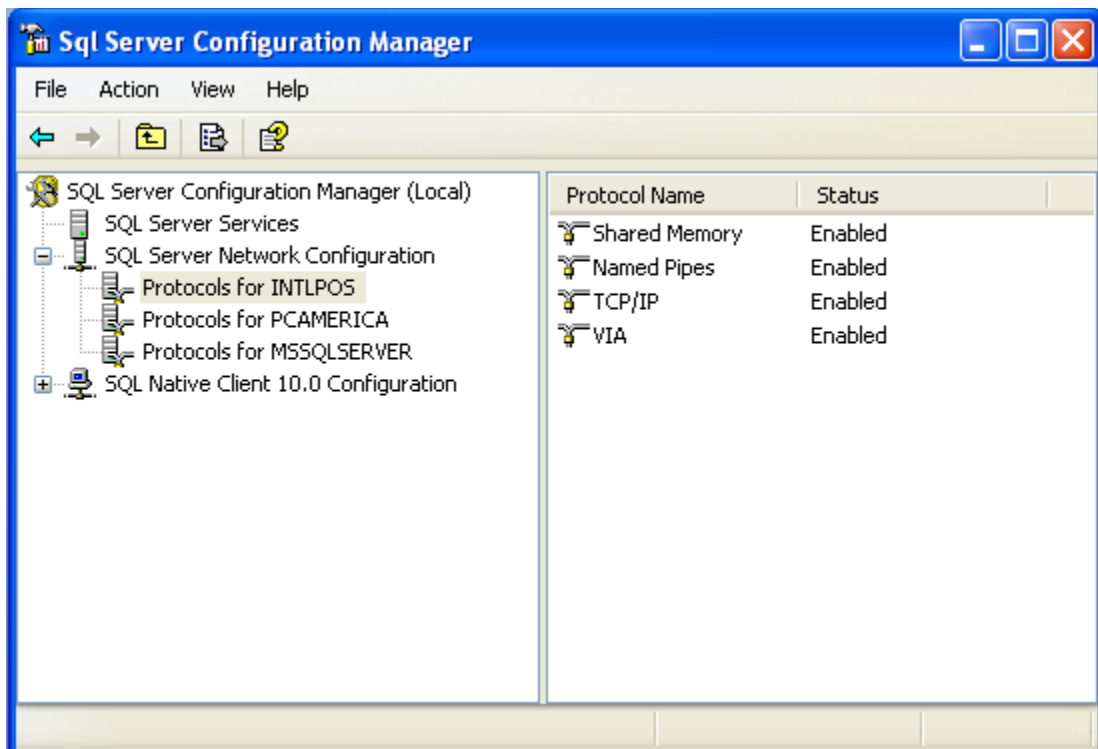
2: Click **Off**.



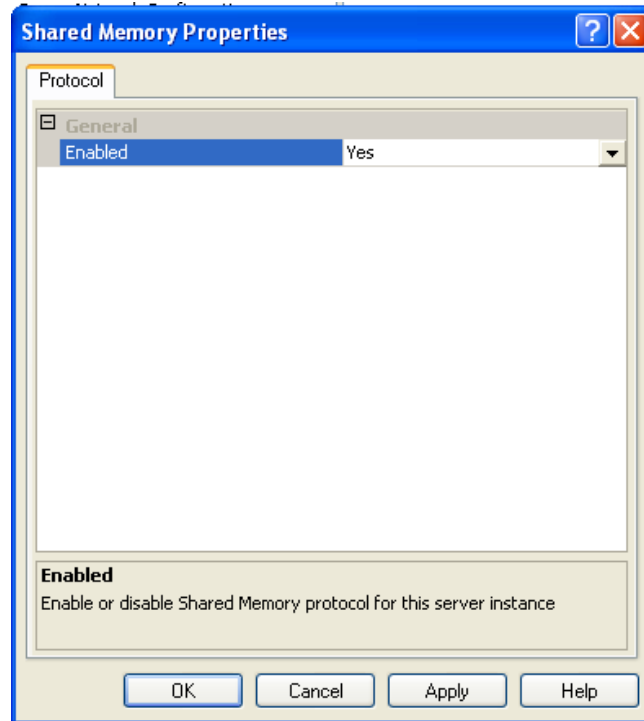
**Step 2:** For all network computers, go to **Start > All Programs > Microsoft SQL Server 2008 R2 > Configuration Tools > SQL Server Configuration Manager**.



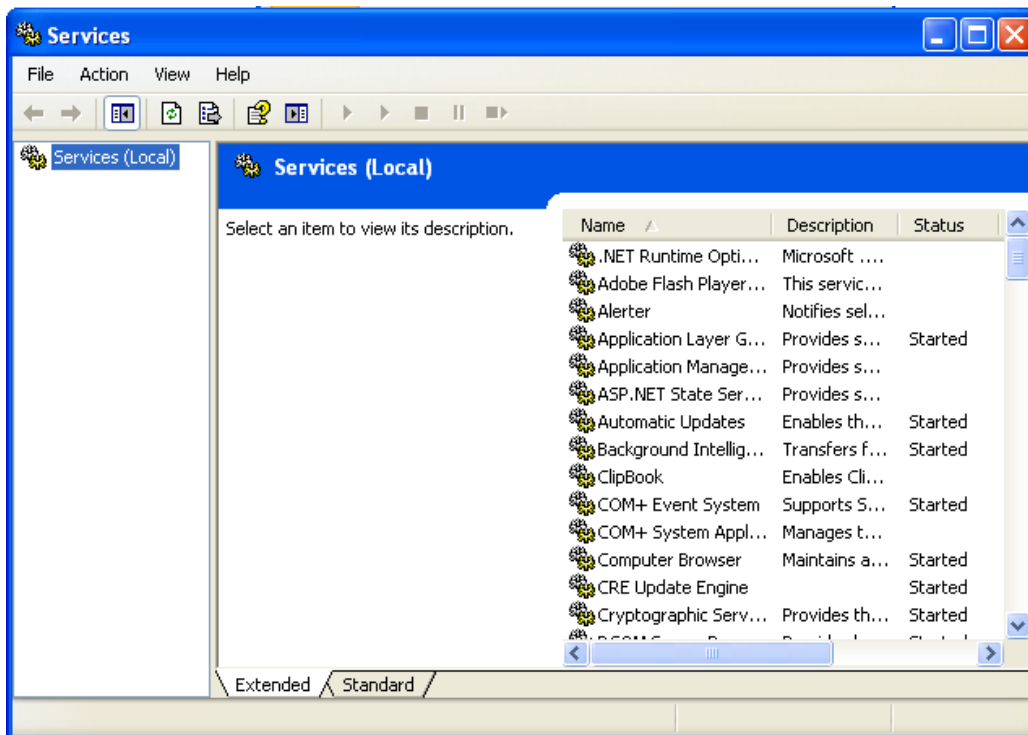
**Step 3:** Expand the SQL Server Network Configuration and select the **INTLPOS** or correct instant you are using. Make sure everything is **enabled**.



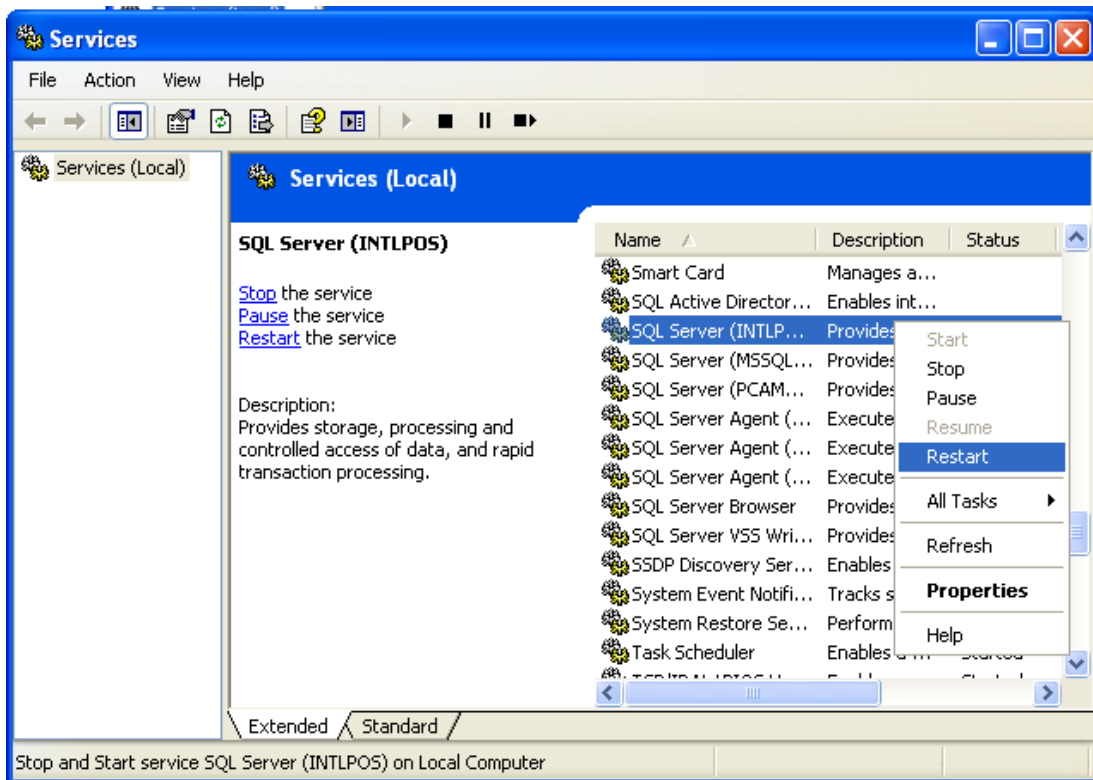
-If it is not enabled, double click on the disabled field, and click the dropdown to enable.



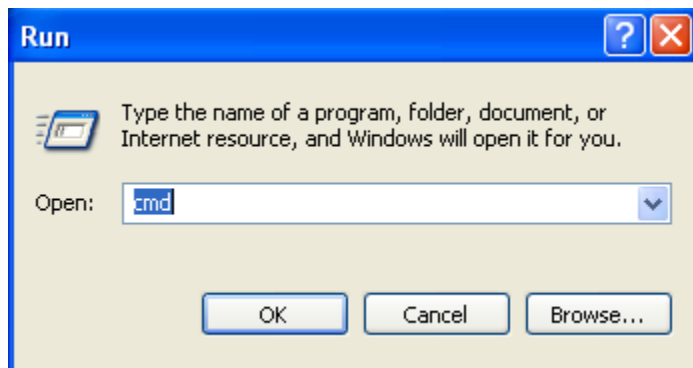
-If you enabled something, go to Start > Run > type in Services.msc



-Check for SQL Server (INTLPOS) right click that field, and select restart.

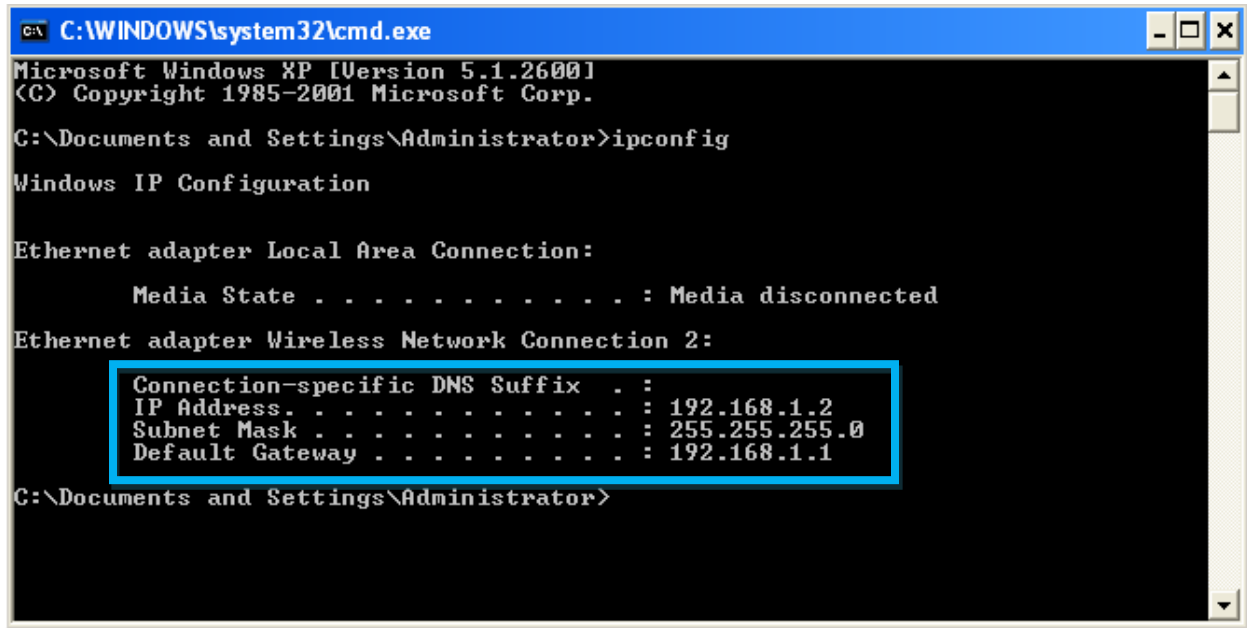


**Step 4:** Go to **Start** and click **Run** type in **cmd** and click **Ok**.





**Step 5:** Type in **ipconfig** for the server computer, *make note of the IP Address it gives you.*



```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.

C:\Documents and Settings\Administrator>ipconfig

Windows IP Configuration

Ethernet adapter Local Area Connection:

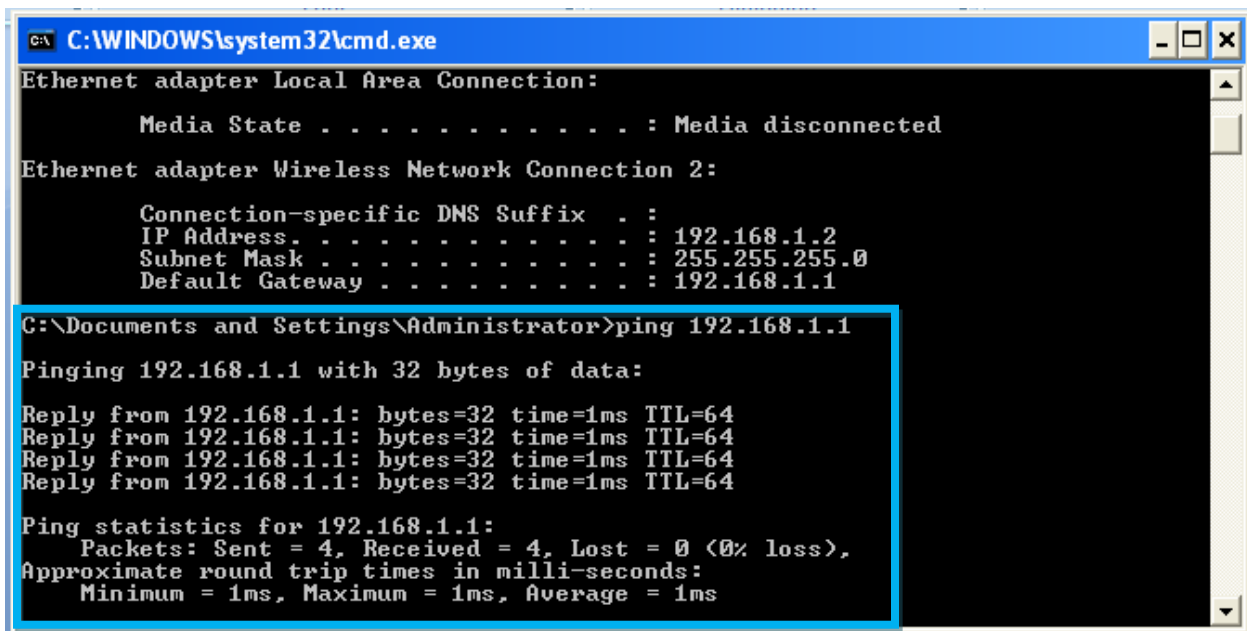
    Media State . . . . . : Media disconnected

Ethernet adapter Wireless Network Connection 2:

    Connection-specific DNS Suffix . : 
    IP Address. . . . . : 192.168.1.2
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.1.1

C:\Documents and Settings\Administrator>
```

**Step 6:** In all client computers, type in ping [IP Address of server] make sure you get a message similar below.



```
C:\WINDOWS\system32\cmd.exe

Ethernet adapter Local Area Connection:

    Media State . . . . . : Media disconnected

Ethernet adapter Wireless Network Connection 2:

    Connection-specific DNS Suffix . : 
    IP Address. . . . . : 192.168.1.2
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.1.1

C:\Documents and Settings\Administrator>ping 192.168.1.1

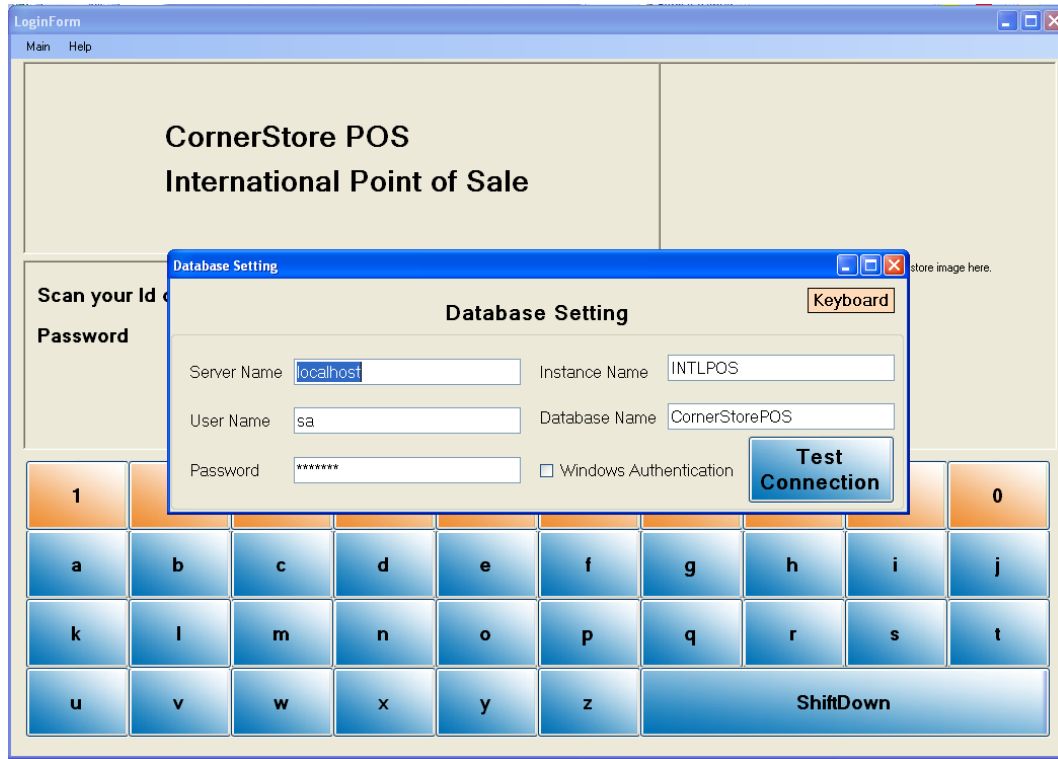
Pinging 192.168.1.1 with 32 bytes of data:

Reply from 192.168.1.1: bytes=32 time=1ms TTL=64
Reply from 192.168.1.1: bytes=32 time=1ms TTL=64
Reply from 192.168.1.1: bytes=32 time=1ms TTL=64
Reply from 192.168.1.1: bytes=32 time=1ms TTL=64

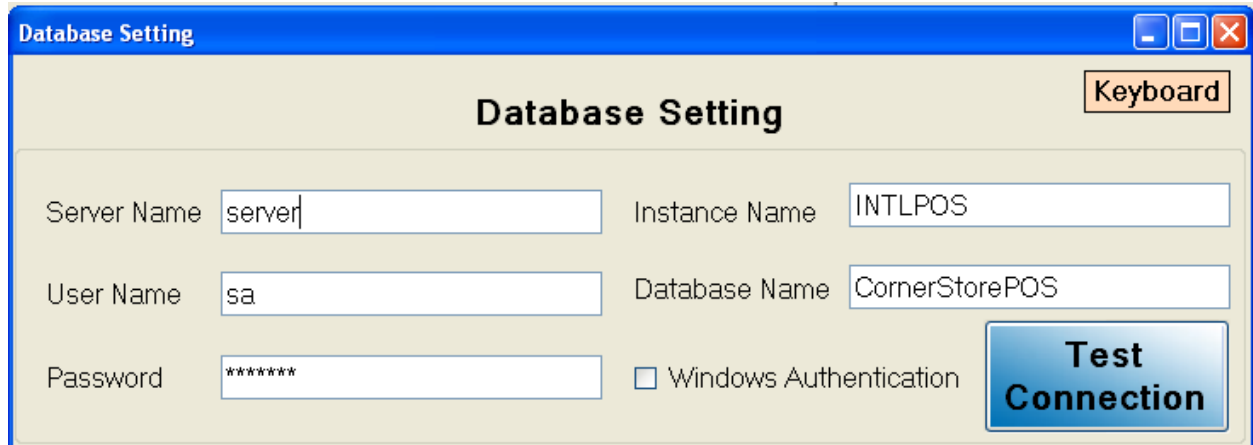
Ping statistics for 192.168.1.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 1ms, Average = 1ms

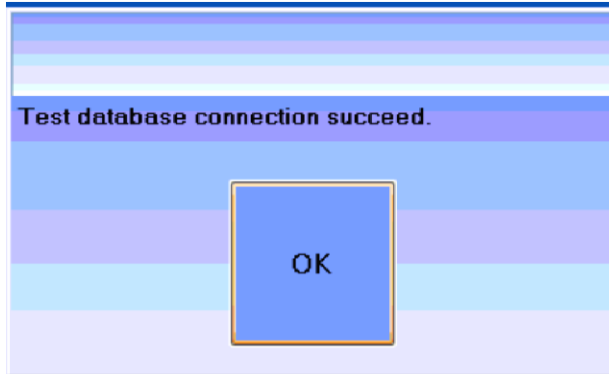
C:\Documents and Settings\Administrator>
```

**Step 7:** For every computer which is a client; Open Up **CornerStore** and go to **Main > Database Maintenance > Database settings**

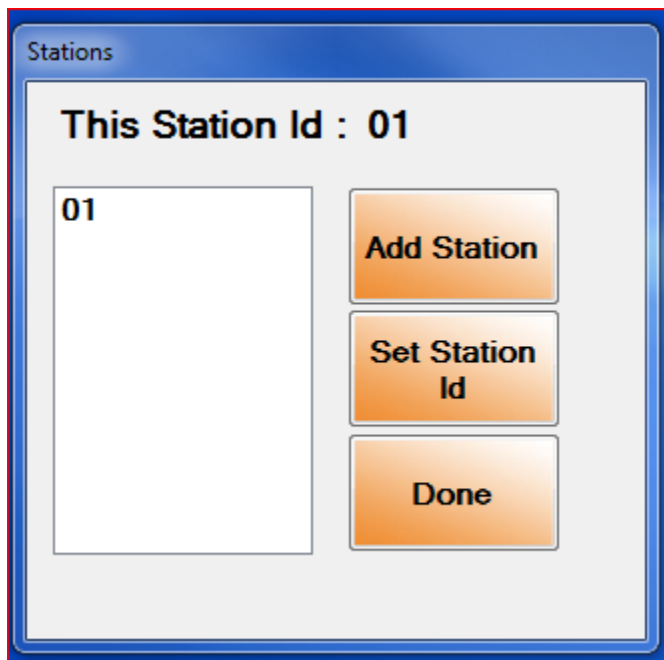


**Step 8:** For server name, type in the name of the computer. For example if the computer is called Server-PC, type in Server. Then click **Test Connection**, you should get a success message.





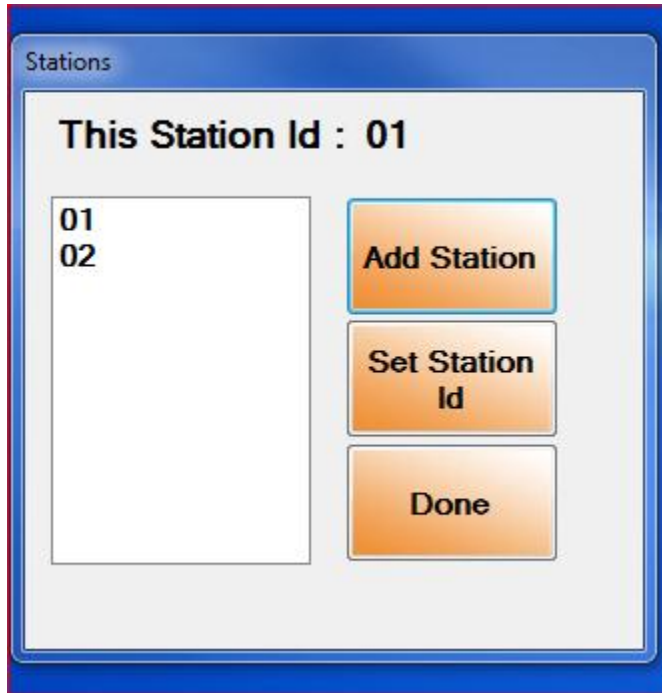
**Step 9:** Add and specify Station ID of subsequent computers in network. Go to **Main >> Set Station >> Add Station.**



Specify consecutive number of station in network and click



Select the number and click on **Set Station ID** and **Done**.



## **FAQ:**

**Q: When I open up a client computer and get a message saying Error connecting to database, what do I do?**

**A:** This occurs when the client has lost connection with the server. Check that all clients and all servers are connected and ping them to make sure. Also if the Server computer turns off, goes to sleep or hibernate, or loses connection, the client computers will not function properly.

**Q:** When I add anything into the database from any computer on the network, will all computers get it?

**A:** Yes, everything will be transferred from one computer to another except images used for the side buttons. The filepaths on both computers must remain the same and be within the C main drive.

**Q:** Does my router need internet connection in order to network?

**A:** No it does not, it however needs to connect the computers in the local area network (LAN) so it DOES need to be on but not connected to the internet.