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...

System Properties			? 🛛
System Restore	Automat	ic Updates	Remote
General Comp	uter Name	Hardware	Advanced
Windows uses on the network	the following info	ormation to identify yo	ur computer
Computer description:	Intipos		
_	For example: "K Computer".	itchen Computer'' or '	''Mary's
Full computer name:			
Workgroup:	GOLDMINE	_	
To use the Network Ident domain and create a loca ID.	ification Wizard I I user account, c	to join a 🛛 🚺 🚺	letwork ID
To rename this computer	or join a domain,	click Change.	Change
	ОК	Cancel	

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.

Computer Name Change	es 🛛 🖓 🔀
You can change the name a computer. Changes may affe	nd the membership of this ct access to network resources.
Computer name:	
Intipos	
Full computer name: Intipos.	
	More
Member of	
O Domain:	
🕑 Workgroup:	
MYSTORE	
	OK Cancel

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.

🖗 Windows Firewall 🛛 🛛
General Exceptions Advanced
Your PC is not protected: turn on Windows Firewall
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.
🔞 💿 Off (not recommended)
Avoid using this setting. Turning off Windows Firewall may make this computer more vulnerable to viruses and intruders.
What else should I know about Windows Firewall?
OK Cancel

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

🚡 Sql Server Configuration Manager						
File Action View Help ← → 🔁 🐼 🛃 😭						
SQL Server Configuration Manager (Local) SQL Server Services B는 및 SQL Server Network Configuration 표 문 SQL Native Client 10.0 Configuration	Name SQL Server (INTLP SQL Server (PCAM SQL Server (MSSQ SQL Server Agent SQL Server Agent SQL Server Agent	State Running Running Stopped Stopped Running Stopped	Start Mode Automatic Automatic Automatic Other (Boot, System Other (Boot, System Other (Boot, System	Log On As LocalSystem NT AUTHORITY\NET NT AUTHORITY\NET NT AUTHORITY\NET NT AUTHORITY\NET NT AUTHORITY\NET	Process ID 396 592 1656 0 0 2084 0	Service Type SQL Server SQL Server SQL Agent SQL Agent SQL Browser SQL Agent

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

🚡 Sql Server Configuration Manager			
File Action View Help			
⇔ → 🗈 🗟 😫			
🕵 SQL Server Configuration Manager (Local)	Protocol Name	Status	
SQL Server Services SQL Server Network Configuration Protocols for INTLPOS Protocols for PCAMERICA Protocols for MSSQLSERVER SQL Native Client 10.0 Configuration	ট্ট Shared Memory ট্ট Named Pipes ট্ট TCP/IP ট্ট VIA	Enabled Enabled Enabled	

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

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Shared Memory Properties		? 🛛
Protocol		
General		
Enabled	Yes	
Enabled		
Enable or disable Shared Memory p	rotocol for this server instance	
OK Car	icel Apply	Help

-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.



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	
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	-

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

LoginForm Main Help	Corn Interi	erStore national	POS Point (of Sale					
Scan your Id o Password	Database	Setting		Databas	se Setting		Keyl	store in sto	nage here.
	Server User N	Name <mark>localh</mark> Iame sa	ost		Instance Nam Database Nan	e INTLPOS	prePOS		
1	Passw	ord ******	r		U Windows A	uthentication	Test Connect	ion	0
a	b	с	d	е	f	g	h	i	j
k	I	m	n	o	Р	q	r	S	t
u	v	w	x	У	z		Shift)own	

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.

Database Setting				
	Databa	se Setting		Keyboard
Server Name	server	Instance Name	INTLPOS	
User Name	sa	Database Name	CornerStorePOS	
Password	****	🗆 Windows Auth	entication Con	Fest nection

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

Stations	
This Station Id	l : 01
01	Add Station
	Set Station Id
	Done



Specify consecutive number of station in network and click

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

ations	
This Station	ld : 01
01 02	Add Station
	Set Station Id
	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.