

HOSA Conference Management System

NLC Networked System Setup Instructions

Networking

If only two (2) machines will be used (1 server and 1 client), the machines may be connected directly through their ethernet ports using a crossover cable (typically a yellow cable available at most any computer or office supply store). If more than two machines will be used, a small switch, hub, or router with an appropriate number of ports must be used. Use of wireless networks is discouraged for performance and security reasons, but if one is used, the server must be hard-wired to the network.

Once the machines are physically networked, assign the following network details:

Server:

IP	192.168.100.1
Netmask	255.255.255.0
Router	192.168.100.1 (shouldn't really matter in this configuration)
DNS	leave blank

Client(s):

IP Range	192.168.100.2 – 192.168.100.254
Netmask	255.255.255.0
Router	192.168.100.1
DNS	leave blank

Steps Common to All Machines

All machines must have a copy of the HOSA Conference Management system installed and they all **must run the exact same version of the system**. If they aren't already there, copy derbyclient.jar and derbynet.jar into "c:\Program Files\HOSA Conference Management System\lib".

Server Setup Instructions

To setup the server, we must modify the derby.properties file included with the database. To do that:

1. Open Notepad (Start, Programs, Accessories, Notepad) and click File, Open.
2. Change the drop-down from *.txt to All Files.
3. Navigate to "c:\Program Files\HOSA Conference Management System\database\derby".
4. Open the file derby.properties.
5. Copy/paste the following name=value property lines to the bottom of the file:

```
derby.drda.startNetworkServer=true
derby.drda.host=0.0.0.0
```

6. Save the file and close Notepad.

Now when you start the HOSA CMS, the database server should start with it. Start the system and confirm that you still have access to the data at the server. **Note: You must keep the HOSA CMS open on the server if other machines are accessing it. Closing the program will shutdown the database server.**

Client Setup Instructions

Setting up clients at this point is trivial. Copy the hosacms-nlc.jar to [c:\Program Files\HOSA Conference Management System\hosacms-1.0.jar](#).