**TimeVue**™

Management Software by Icon Time Systems®

**Ethernet Time Clock – Tibbo Software Installation and Configuration V5.7 for Windows Vista and Windows 7**
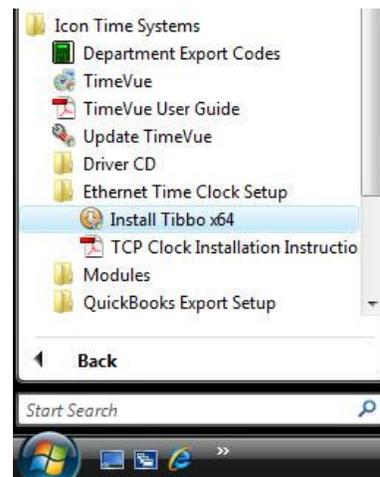
When using the Icon Time Systems PROX or PIN Entry Employee Time Clocks with Ethernet capabilities, you must install supplementary communication port driver software.

> **NOTE:  If you are using Windows XP, download the free Tibbo Device Server Toolkit version 3.12 for Windows XP from (http://support.icontime.com).  Click on the Downloads link and download the appropriate file.  Windows XP installation instructions can be found on that download page.**

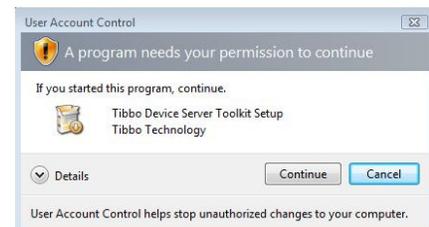## Installing the Tibbo Device Server Toolkit
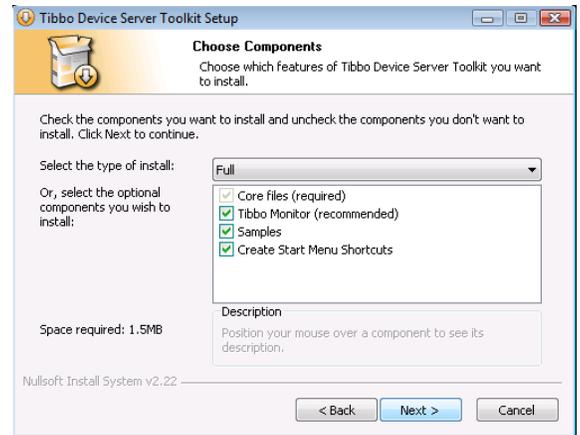
**Step 1**: Install TimeVue.

**Step 2**: Click on the **Windows Start** icon, select **All Programs**> **Icon Time Systems**>**Ethernet Time Clock Setup**>**Install Tibbo**.



- If a **User Account Control** warning appears, click **Continue** or **Allow** depending on the version of Windows you are running.



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**Step 3**: Continue through the License Agreement and installation process by clicking the **Next** button. Be sure to install all components.

**Step 4:** Click the **Finish** button at the end of the installation.
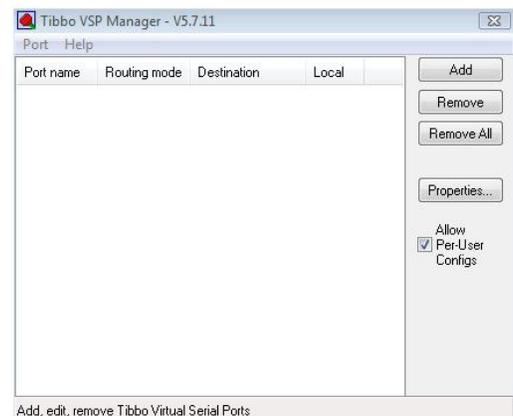
# Configuring the Tibbo Software

**Step 1**: Open the Tibbo **VSP Manager** as administrator by clicking on the **Windows Start** icon, select **All Programs>Tibbo>Tibbo Device Server Toolkit>VSP Manager**.

Right-click on this **VSP Manager** icon and select the option to **Run as Administrator**.

**Step 2**: The **VSP Manager** main window will appear.

• Click the **Add** button.
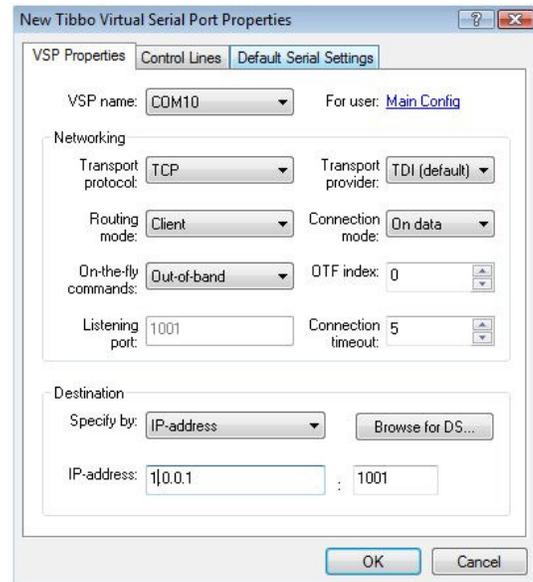• The **Virtual Serial Port Properties** window will open.

**Step 3**:  Choose any available COM port from the drop down menu in the **VSP name** field.

Note: COM10 is used in these examples.  It is suggested that you choose any available COM port between COM5 and COM16.

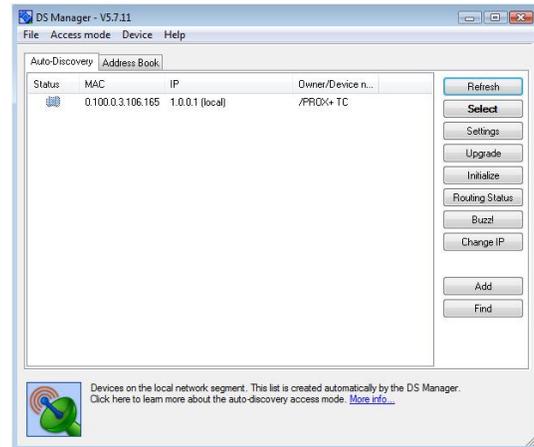Make sure these default networking settings are selected:

- **Transport Protocol**:  TCP
- **Transport Provider**: TDI(default)
- **Routing Mode**:  Client
- **Connection Mode**: On data
- **On-the-fly commands**: Out-of-band
- **OTF index**:  0
- **Listening port**:  1001
- **Connection timeout**:  5

At the bottom right of **Virtual Serial Port** Properties window, click the **Browse for DS** button. This will launch a new window called the **DS Manager**.

**Step 4**: Connect your time clock to the local area network.

- The **DS Manager** detects the Ethernet Time Clocks by broadcast and lists them as shown to the right. The default IP Address is set to 1.0.0.1 from the factory.  Click the **Refresh** button on the right to refresh the list from time to time.
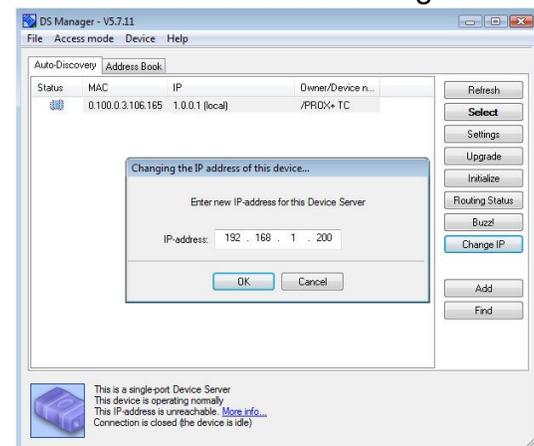
*Troubleshooting*: If the Ethernet Time Clock does not appear, you may have something on your network blocking the broadcast. Disable any software or hardware firewalls that might interfere with the broadcast.

**Step 5**: Program a static IP Address into the clock.

- Click on the device IP Address in the main **DS Manager** window to select it. Click the **Change IP** button.

**NOTE:  Speak to your network administrator to determine an available IP Address for your clock.**

- Enter your IP Address in the space provided and Click **OK**.

The **DS Manager** will update the clock with the new IP Address and refresh the window. The barrel shaped icon in the status column of the **DS Manager** should be dark blue.

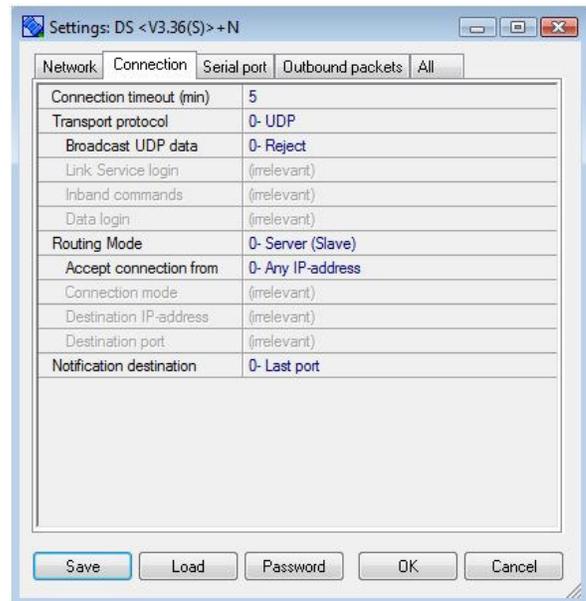**Step 6**: Verify and set the Ethernet module properties.

Make sure the IP Address is still highlighted in the **DS Manager**. Click the **Settings** button to the right to display the **Settings** screen.

Select the **Connection** tab. To change a setting, left mouse-click on the item listed in the right column. A drop-down arrow will appear. Choose the proper setting from the drop-down list. Only change the options listed below.

- **Transport protocol**: 1-TCP
- **Routing Mode**: 1-Server OR Client(Master)

The rest of the **Connection** settings that appear should be left at their default values.

- **Connection timeout (min):** 5
- **Link Service login:** 0-Disabled
- **Inband commands:** 0-Disabled
- **Data login:** 0-Disabled
- **Accept Connection from:** 0-Any IP-address
- **Connection mode:** 1-On data OR command
- **Destination IP address:** 1.0.0.2
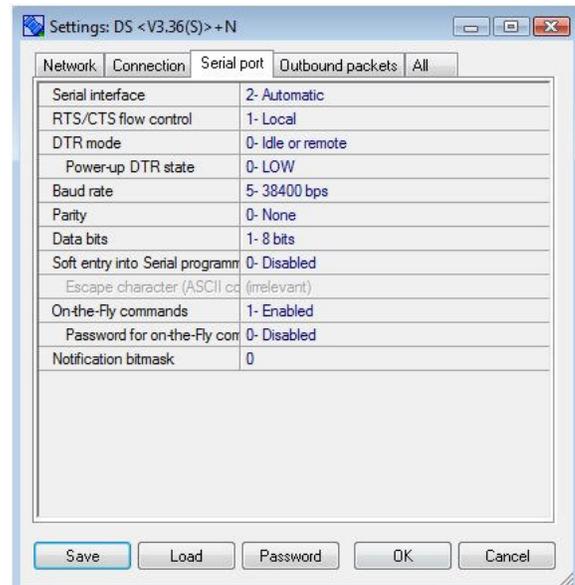- **Destination port:** 1001
- **Notification destination:** 0-Last port

Select the **Serial port** tab. Only change the options listed below.

- **Baud rate**: 3-9600 bps
- **Soft entry into Serial Programming:** 1-Enabled(option 1)

The rest of the **Serial port** settings that appear should be left at their default values.

- **Serial interface:** 2-Automatic
- **RTC/CTS flow control:** 1-Local
- **DTR mode:** 0-Idle or remote
- **Power-up DTR state:** 0-LOW
- **Parity:** 0-None

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- **Data bits:** 1-8 bits
- **Escape Character (ASCII code):** 1
- **On-the-Fly commands:** 1-Enabled
- **Password for on-the-Fly commands:** 0-Disabled
- **Notification bitmask:** 0

Click OK to close the **Settings** window.  Do not change any settings in the other tabs.
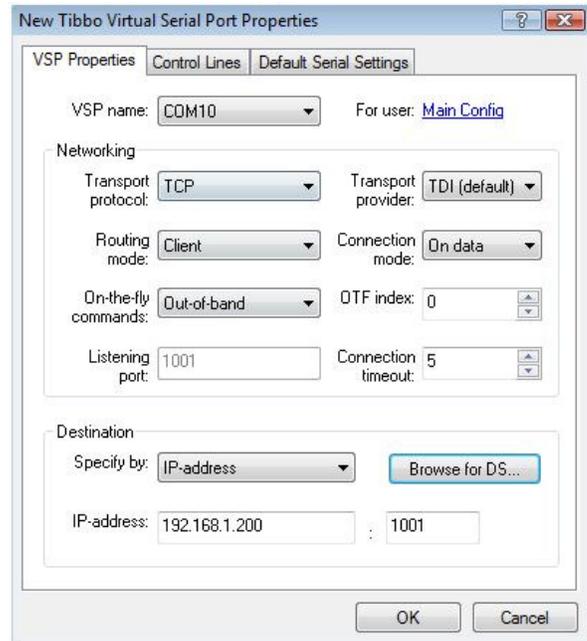
Back in the **DS Manager** window, select the IP Address again and click the **Select** button on the right-hand side of the window.

The **DS Manager** window will close.

**Step 7**: Back in the **VSP Port Properties** window, verify that the correct IP Address appears in the **IP address** field.

The field to the right of the IP Address should contain the number "1001".
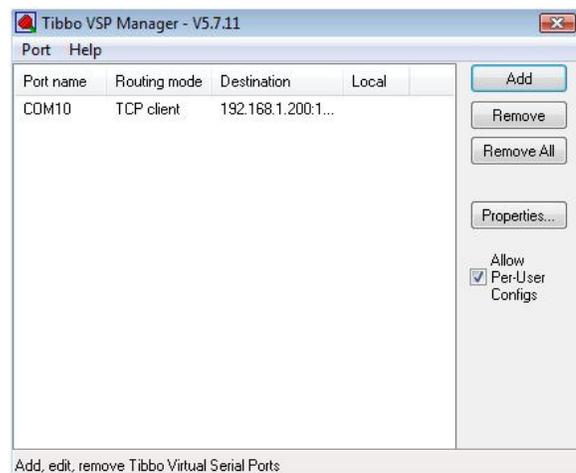
Click **OK** to save your settings.

**Step 8**: A summary of the time clock settings will display in the main **VSP Manager** window.

Click the **x** button to close the **VSP Manager**.

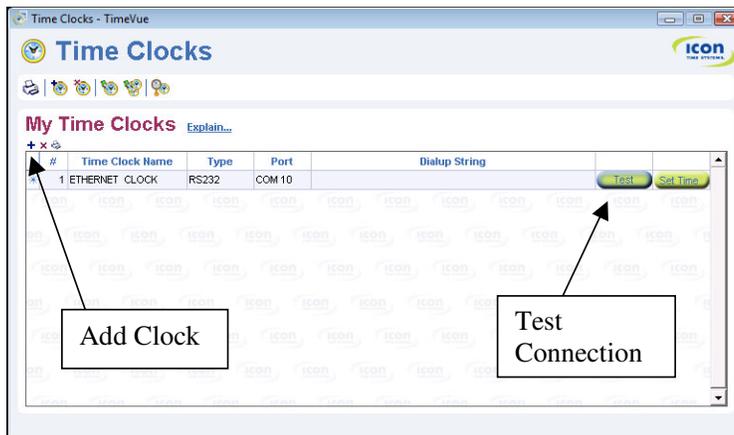Now, the time clock can be setup in the TimeVue Software.

# Setting Up your Time Clock in TimeVue

**Step 1**: Open the TimeVue software application and click the **Start** button.

**Step 2**: Select the **Time Clocks** icon on the left-hand side of the **TimeVue Switchboard**.

**Step 3**: Click the blue "**+**" symbol button in the upper left corner of the **Time Clocks** screen to add a new clock to the clock list.
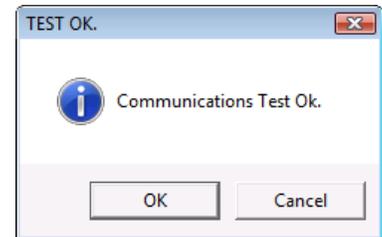
**Step 4**: Choose a name for your clock, set the **Type** to *RS232*, the port to COM port number you created earlier in the **VSP Manager**. Leave the **Dialup String** field blank.



**Step 5**: Click the **Test** button to verify that your computer can communicate with the clock.

A dialog box similar to the one shown to the right will appear. Select **OK** to close the dialog box**.**

If the communication test is not successful, verify that all of the settings in the Tibbo **DS Manager** and the **VSP Manager** are correct.

**Note:**

- For instructions on setting up your Ethernet Time Clock in a remote location, refer to page 46 of the TimeVue User Guide.

- For instructions on setting up additional Ethernet Time Clocks in TimeVue, refer to page 48 of the TimeVue User Guide.

**NOTE:  In order to support communication issues in our software, you must be able to ping the clock at your Windows command prompt.  Talk to your network administrator about this procedure.   If you cannot ping the clock, there may be an issue outside the realm of our support boundaries that is causing a problem.  For example, hardware or software firewalls can cause problems.  Call the technical support line at 800-847-2232 option 1 if you need further assistance.**