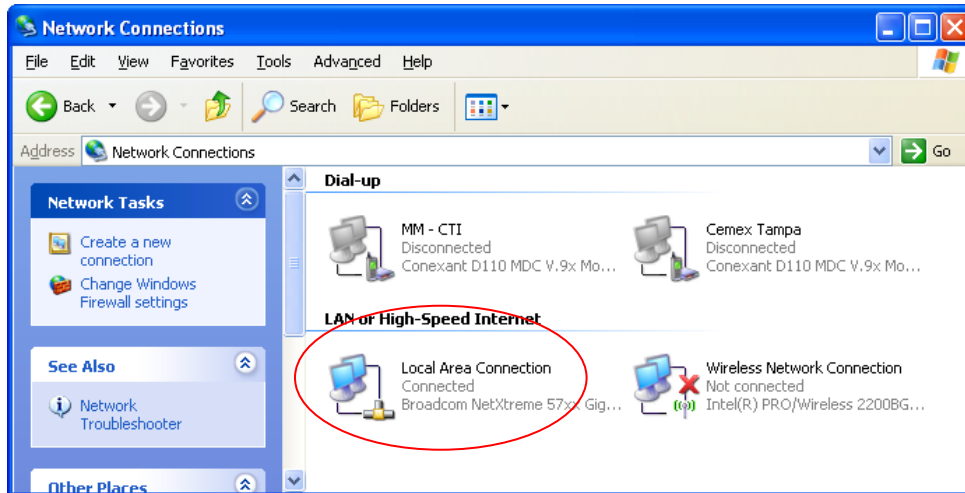


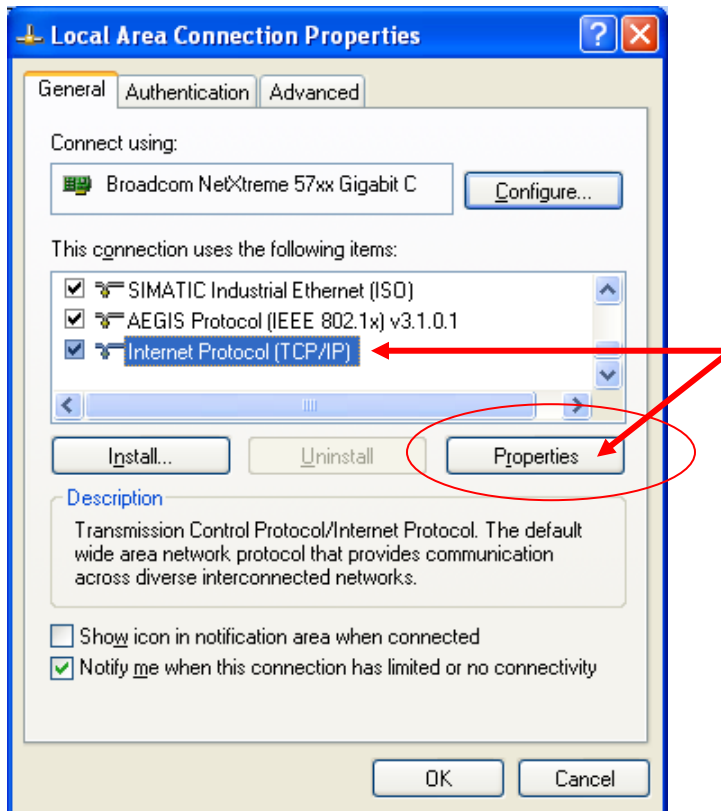
## How to Download to the ePro

### Setting Laptop Computer to the Correct IP Address

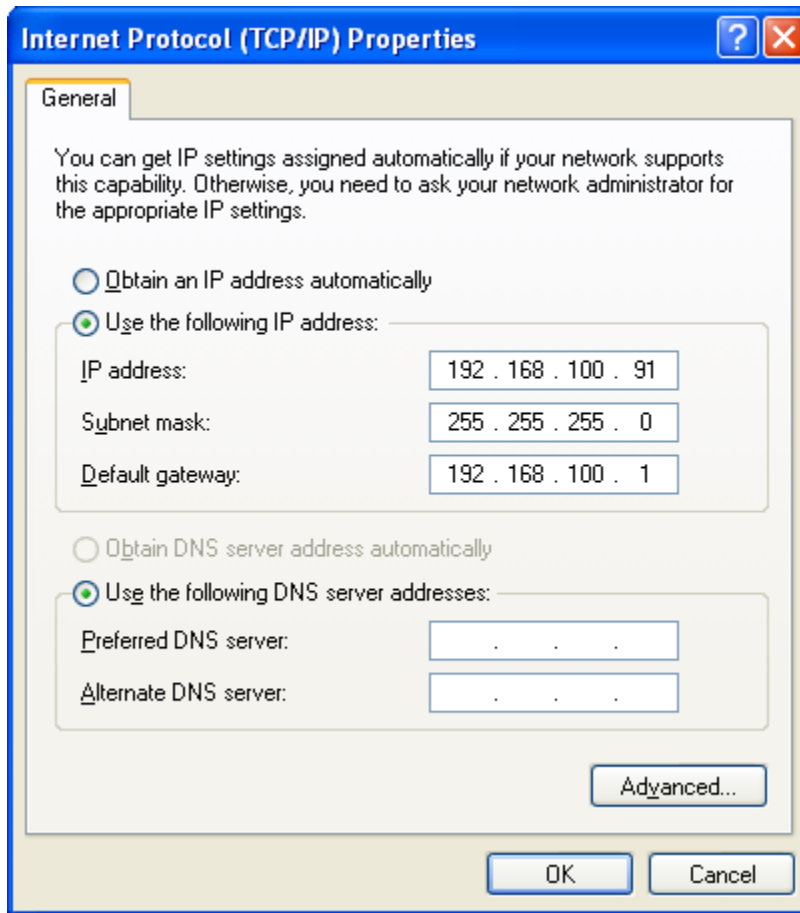
1. From Start Menu, browse to settings and select “Network Connections”
  - **Start → Settings → Control Panel → Network Connections**



2. Right click on Local Area Connection and select “Properties”.
3. Select “Internet Protocol (TCP/IP)” and Choose Properties.



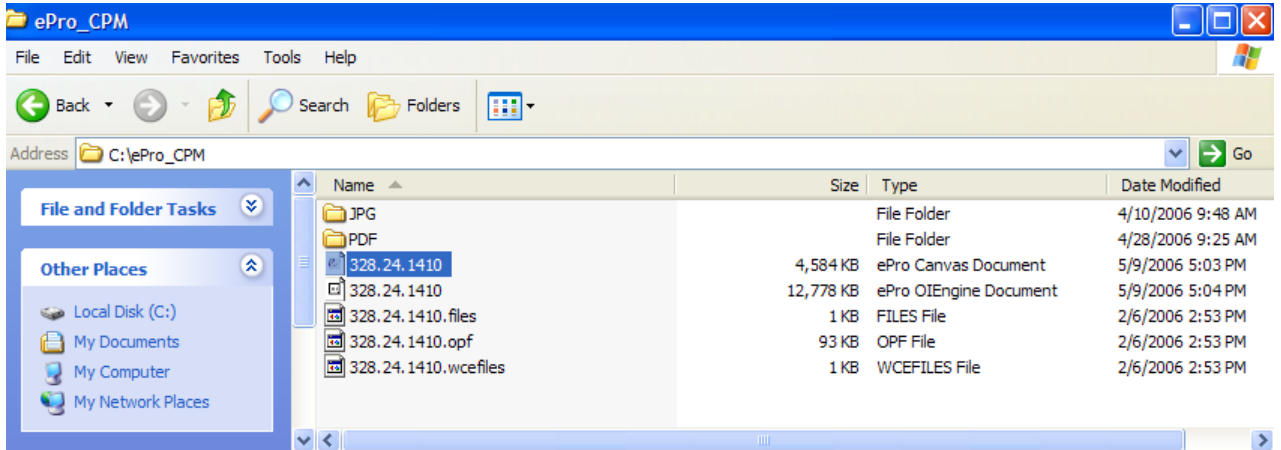
4. Check the “**Use the following IP address**” and enter the correct IP address, Subnet mask, Default gateway of the unit then choose “Ok”.



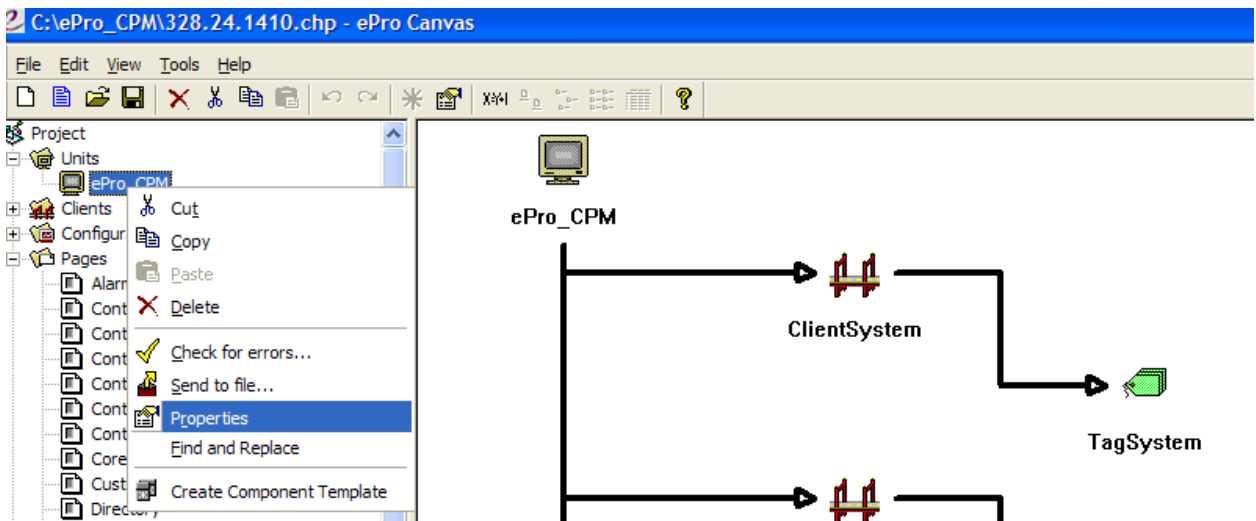
5. Press “Closed” to closed windows.

**Setting Configuration Properties to Load ePro Runtime**

1. **Columbia Machine Standard for ePro projects to be on local drive, which is your C drive.**
  - In this example, I use CPM to implement in this procedure.
  - Copy the entire project folder to C drive. It should have JPG, PDF and ePro project.
  - Open the ePro Canvas Document which is the customer electrical number such as 324.24.1410.chp in this case.



2. Right click on project name, and select “Properties”



3. From the Project Unit Property, follows the call out beginning with step 1.

**Note:** For new unit only, MUST transfer (download) all of the following:

1. Transfer Runtime = **Executive Firmware** (PanelMate PowerPro)
2. Transfer Driver = **Comm. Drivers** (PanelMate PowerPro)
3. Transfer .ucf = **Configuration** (PanelMate PowerPro)

**For a pre-loaded unit, Only need to transfer (download) item 3**

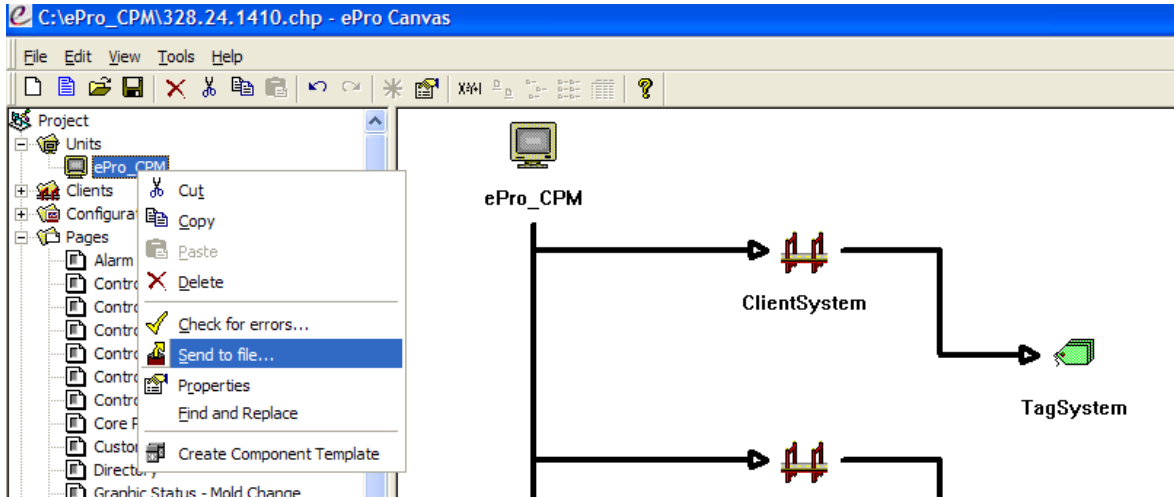
The screenshot shows the 'Project - Unit - ePro\_CPM' dialog box with the following fields and callouts:

- 1. Select Destination:** Points to the 'Destination' field.
- 2. Select Single Row:** Points to the 'Single Row' radio button.
- 3. Yes to Transfer .ucf, Yes to Transfer Runtime, Yes to Transfer Driver(s):** Points to the 'Yes' radio buttons for 'Transfer .ucf', 'Transfer Runtime', and 'Transfer Driver(s)'. A callout box also lists: '3. Yes to Transfer .ucf, Yes to Transfer Runtime, Yes to Transfer Driver(s)'. A separate callout box lists: 'Transfer .ucf = Configuration (PanelMate PowerPro)', 'Transfer Runtime = Executive Firmware (PanelMate PowerPro)', and 'Transfer Driver = Comm. Drivers (PanelMate PowerPro)'.
- 4. Select Configuration Runtime ucf file:** Points to the '.ucf Name' field containing 'C:\ePro\_CPM\328.24.1410.ucf'.
- 5. Select ePro PS for X86:** Points to the 'Runtime' field containing 'ePro PS for X86'.
- 6. Select KePserver\_ePro for X86:** Points to the 'Driver' field containing 'KEPServer\_ePro for X86'.
- 7. Select KEPServer\_ePro opf file:** Points to the '.opf Name' field containing 'C:\ePro\_CPM\328.24.1410.opf'.
- 8. Type in the IP address:** Points to the 'Destination Path or IP Address' field containing '192.168.100.112'.
- 9. Select Ok to close window:** Points to the 'OK' button.

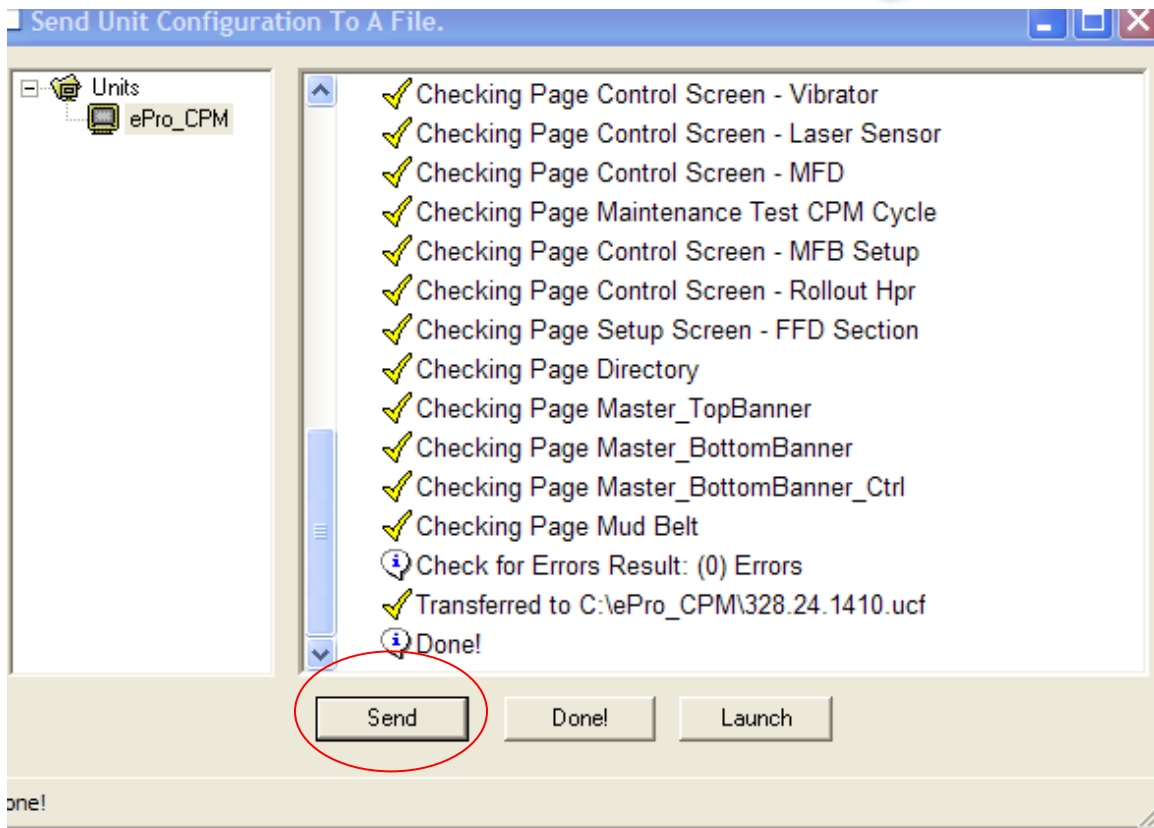
Note: Step 8 - the IP address of the ePro unit.  
In this case CPM is 192.168.100.112.

See Colmac ePro Panelmate Ethernet Standard Sheet for the correct IP address of the machine.

4. Right click on project name and send to file.



5. Select "**Send**". The system will check for errors and if the project has no error, it will be sending to ePro unit.  
The estimate time for completion is about 5 to 10 minutes.  
After sending completion, select "**Done**" to exit.



**Note:** Stop here if you are reloading ePro. Continue thru step 10 for a new unit.

2. Check the “Use the following IP address” and enter the correct IP address, Subnet mask, Default gateway of the unit then choose “Ok”.
  - Look up the IP address of the machine and enter it here.

Type of Equipment
BM / CPM
MBS
Curing Controls
Pallet Handling Main (UL / PTS / RTS)
TAR / PTS / RTS Locar (Hydraulic system)
TAR / RTS / PTS Upcar (Elec. System)
QBR
Splitter (if connected on network)
Clamp Turnover
Pre-PatternMaker

CommandView Computer

Ethernet Communication	
AB SLC 5/05	ePro w/ Ethernet
192.168.100.102	192.168.100.112
192.168.100.103	192.168.100.113
192.168.100.104	192.168.100.114
192.168.100.105	192.168.100.115
192.168.100.106	192.168.100.116
192.168.100.108	192.168.100.118
192.168.100.107	192.168.100.117
192.168.100.121	192.168.100.122
192.168.100.125	n/a
192.168.100.109	192.168.100.119

192.168.100.101

Laptop Computer # 1	192.168.100.91
Laptop Computer # 2	192.168.100.92

- Subnet mask: **255.255.255.0**