

MAC6000 Virtual Com Setup

1. PURPOSE

This document describes how to setup the LEP virtual com port functionality of the MAC6000 controller. This feature allows any host software package utilizing serial port communication with the MAC6000 controller to communicate directly using a USB cable connection

a. **File required:** VCPDriver_V1.3.1_Setup.Exe

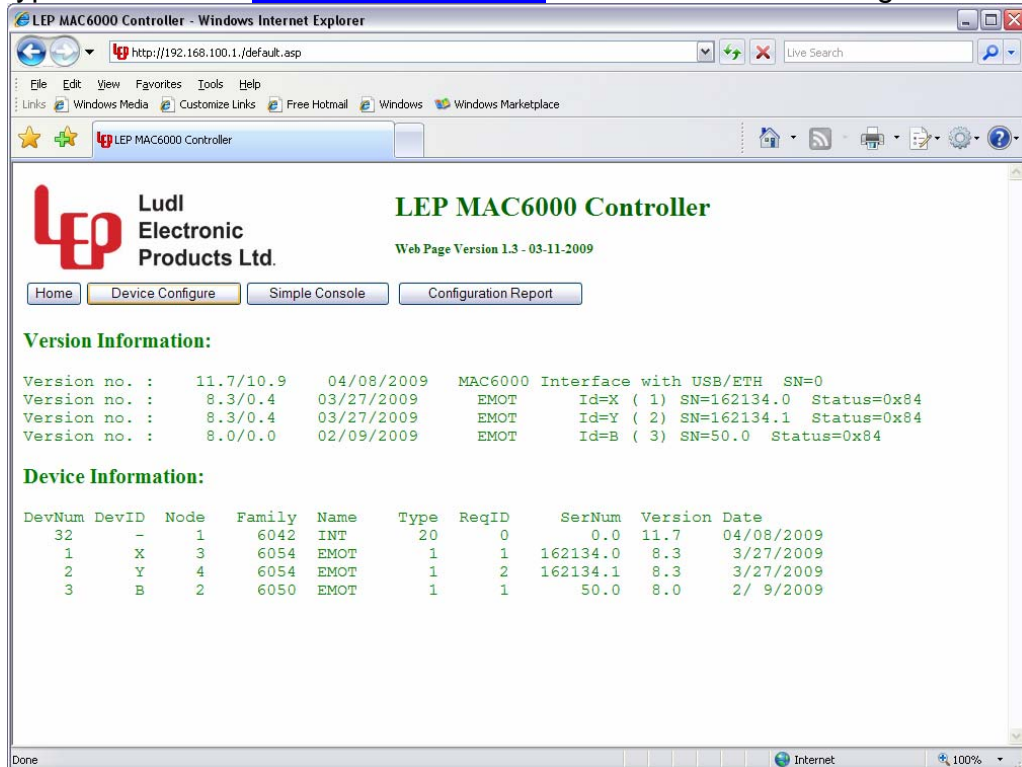
2. Initial Setup

a) Connect the MAC6000 controller to a host computer using the supplied red crossover Ethernet cable (LEP PN: 73A00067).



Do not connect the USB cable at this time!

b) Open any web browser (e.g. Internet Explorer, Firefox, Safari, etc...) and type the address <http://192.168.100.1>. Click the Device Configure button.



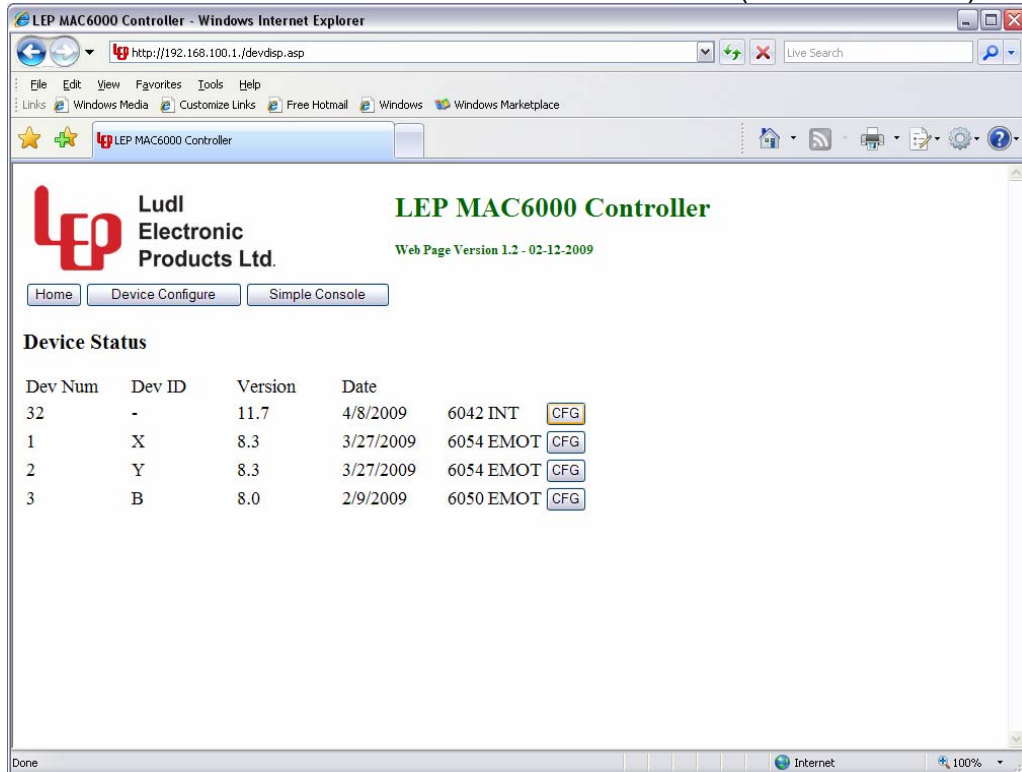
Version Information:

Version no.	Build	Date	MAC6000 Interface with USB/ETH	SN
11.7/10.9	04/08/2009	MAC6000	Id=X (1)	SN=162134.0 Status=0x84
8.3/0.4	03/27/2009	EMOT	Id=Y (2)	SN=162134.1 Status=0x84
8.3/0.4	03/27/2009	EMOT	Id=B (3)	SN=50.0 Status=0x84
8.0/0.0	02/09/2009	EMOT		

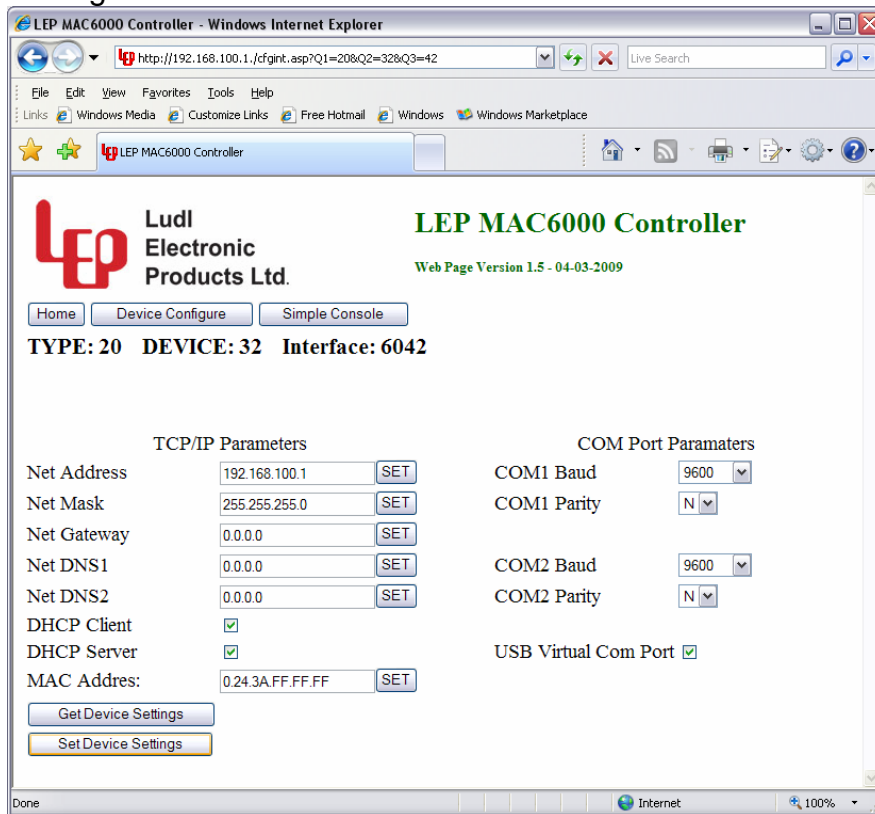
Device Information:

DevNum	DevID	Node	Family	Name	Type	ReqID	SerNum	Version	Date
32	-	1	6042	INT	20	0	0.0	11.7	04/08/2009
1	X	3	6054	EMOT	1	1	162134.0	8.3	3/27/2009
2	Y	4	6054	EMOT	1	2	162134.1	8.3	3/27/2009
3	B	2	6050	EMOT	1	1	50.0	8.0	2/ 9/2009

c) Click the CFG button for the 6042 interface module (Device Num 32).



d) Check the box labeled USB Virtual Com Port and Click the SetDevice Settings button.



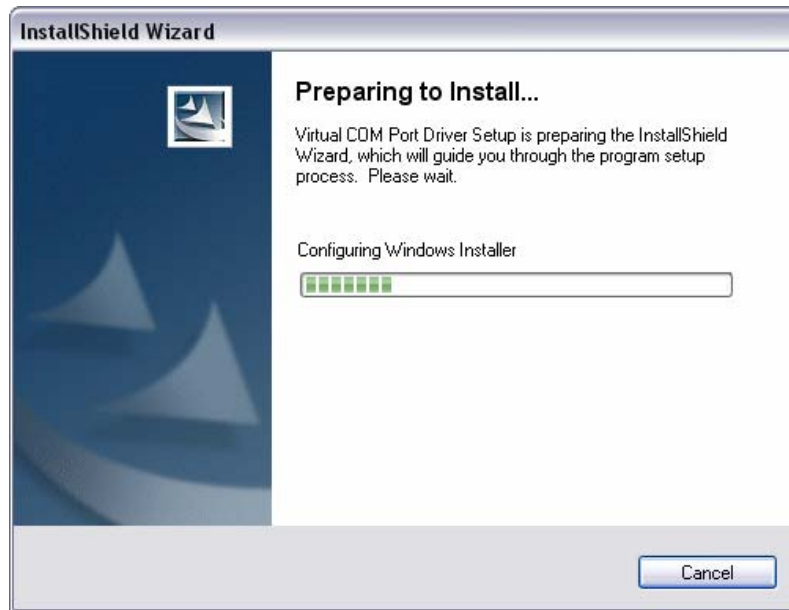
2) Install the Virtual Com Port Driver software

- a) Launch the VCPDriver_V1.3.1_Setup.exe file located in the \\CD - MAC6000 SDK\Drivers\Virtual Com driver folder on the supplied MAC6000 CD (LEP PN: 99P015).

- b) Once the program has started you will see the following installation screen.

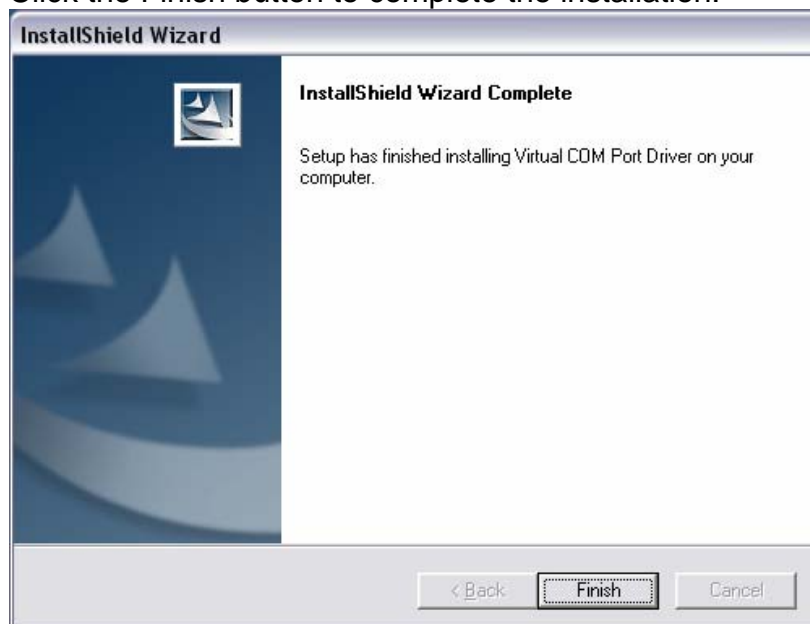


(Note: The USB cable should not be connected at this time)



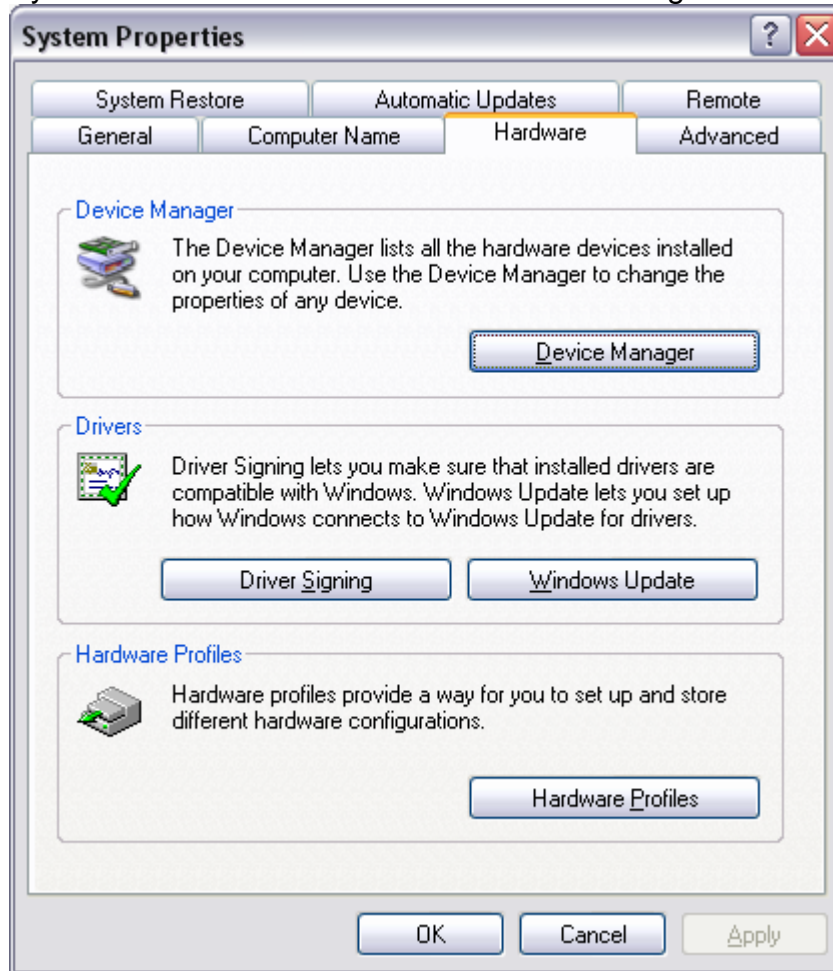
- c) Follow the on screen prompts to finish installing the virtual com port driver.

- d) Click the Finish button to complete the installation.

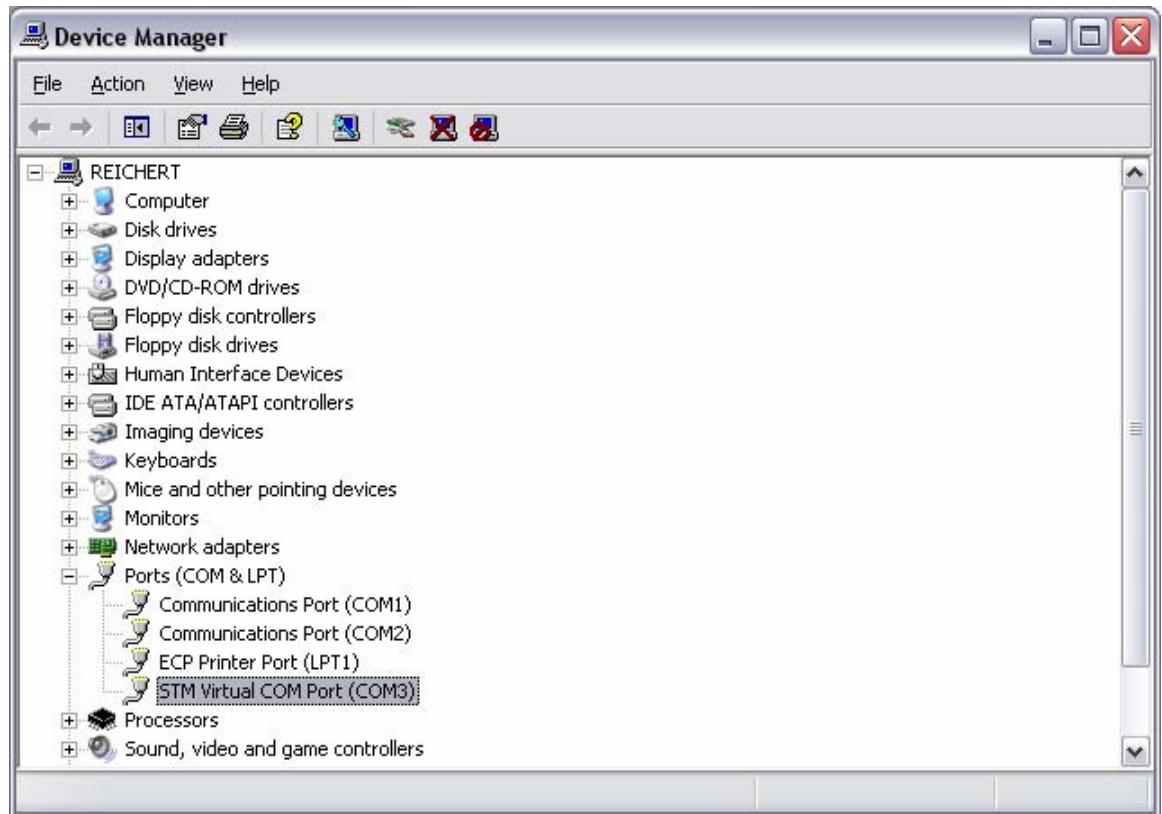


3) Confirming the Virtual Com port number

- a) Connect the USB cable between the computer and MAC6000 controller. Power on the MAC6000 controller. Windows should recognize the new device.
- b) On your desktop, double click the My Computer icon and select View System Information and click the Device Manager button:



- c) Expand the Ports view and locate the STM Virtual Com Port – this number defines what com port you should reference in the communications setup of the host software used to communicate with the MAC6000 controller.



You have now successfully completed the MAC6000 Virtual Com Port setup.