

TECHNICAL NOTE # 901

Re: Windows XP™ UIST II Connection through GCM II or GCM II-HD

Date: May 7, 2012

INTRODUCTION

This technical note will explain how to setup and establish a network connection from a laptop or desktop computer running the Universal Installation Service Tool II (UIST II) to the GCM II or GCM II-HD. This document assumes the PC running the UIST II is installed with Windows XP operating system.

A network cable will be required to connect from the RJ45 network port on the PC to the RJ45 network port on the GCM II or GCM II-HD. If the network port on the PC is not 1gig or higher a crossover cable will be required.

Note: make a note of all previous network settings made on the PC and/or the GCM II. This will be helpful in case the settings need to be reverted to the previous IP address, Subnet Mask, Gateway and/or DHCP mode.

GCM II CONFIGURATION

The GCM II and GCM II-HD have default settings for the Host Name, Local IP Address, Gateway Address, Network Address, Subnet Mask and DNS Address as shown in Figure 1. This can be found in Section 5.2.3.1 Networking of the GCM II manual. Ensure the DHCP box is unchecked. These setting can be customized to meet site requirements.

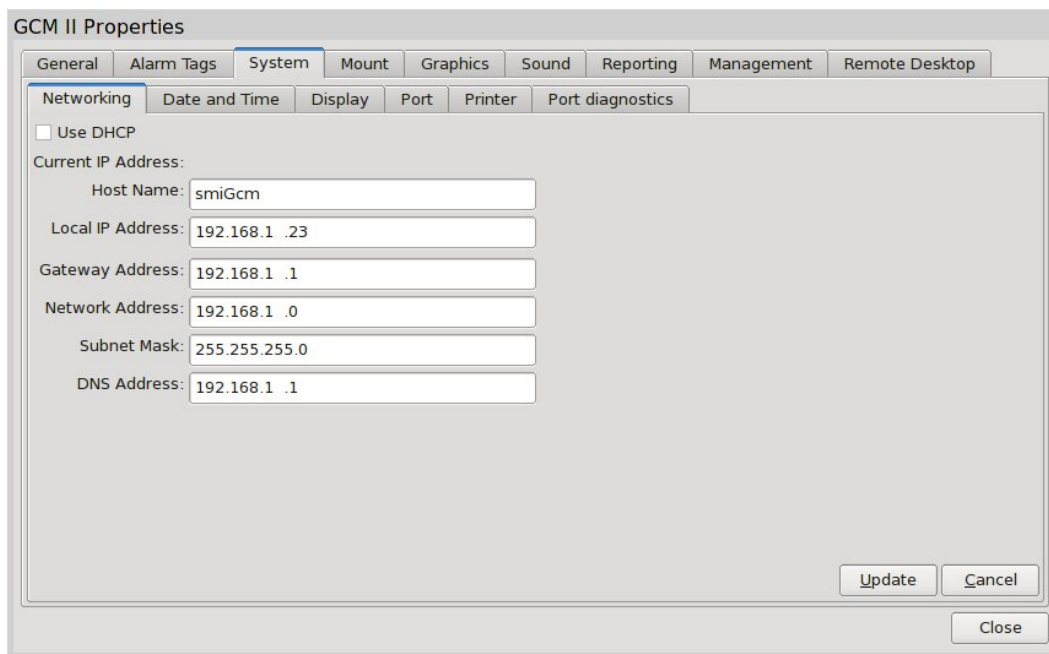


Figure 1

PC NETWORK CONFIGURATION

1. On the PC running the UIST II go to the Control Panel and open the “Network Connections” as shown in Figure 2

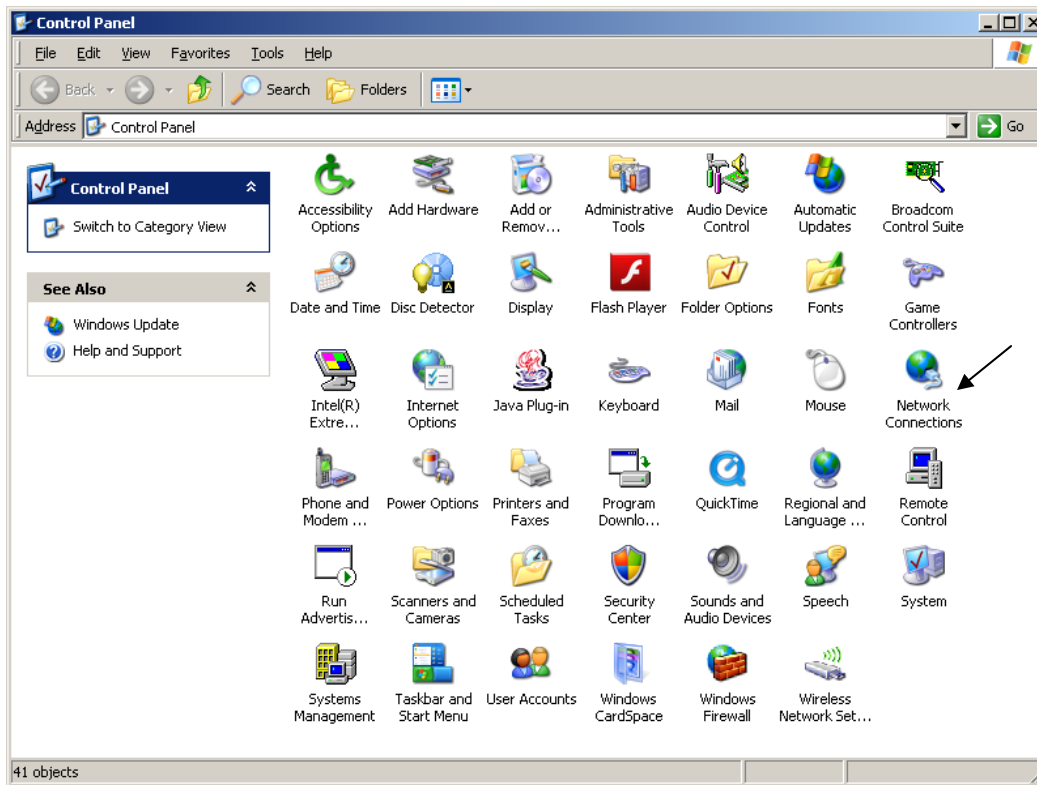


Figure 2

2. Find the “Local Area Connection” as shown in Figure 3.

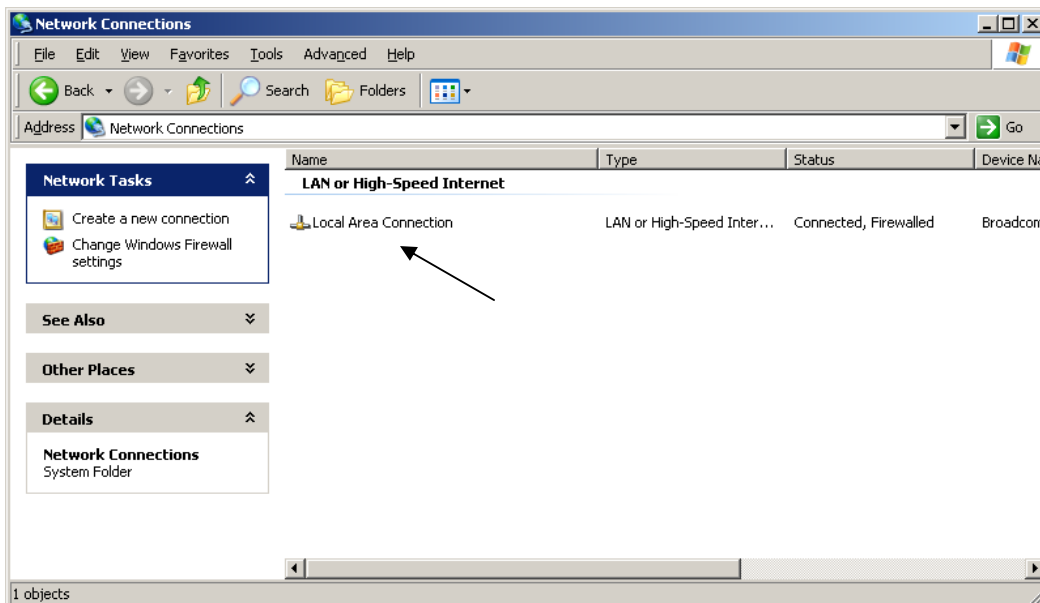


Figure 3

3. With the mouse right click the “Local Area Connection” and select “Properties” to open the “Local Area Connect Properties” screen as shown in Figure 4.

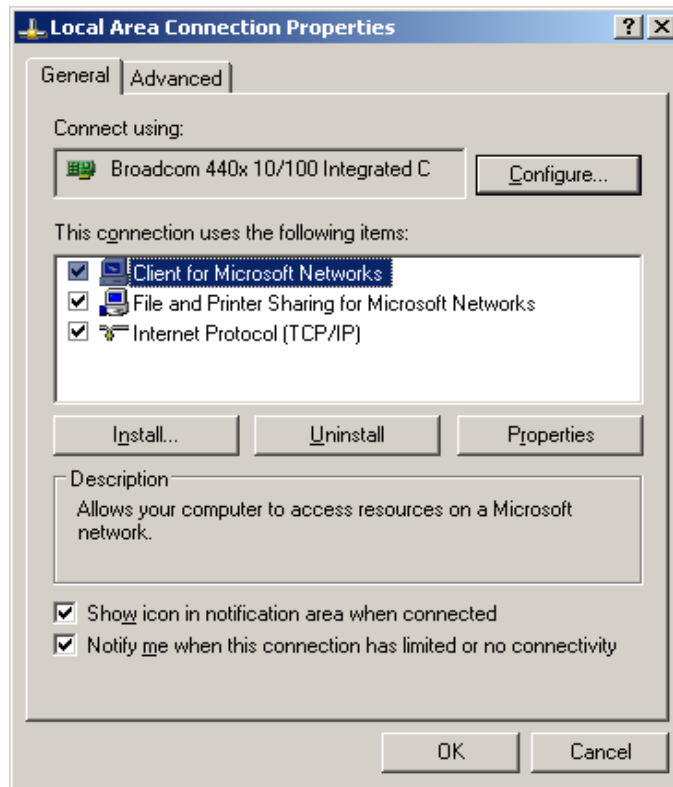


Figure 4

4. Find the "Internet Protocol", select it and then click "Properties" as shown in Figure 5. This will open the "Internet Protocol (TCP/IP) Properties" screen as shown in Figure 6.

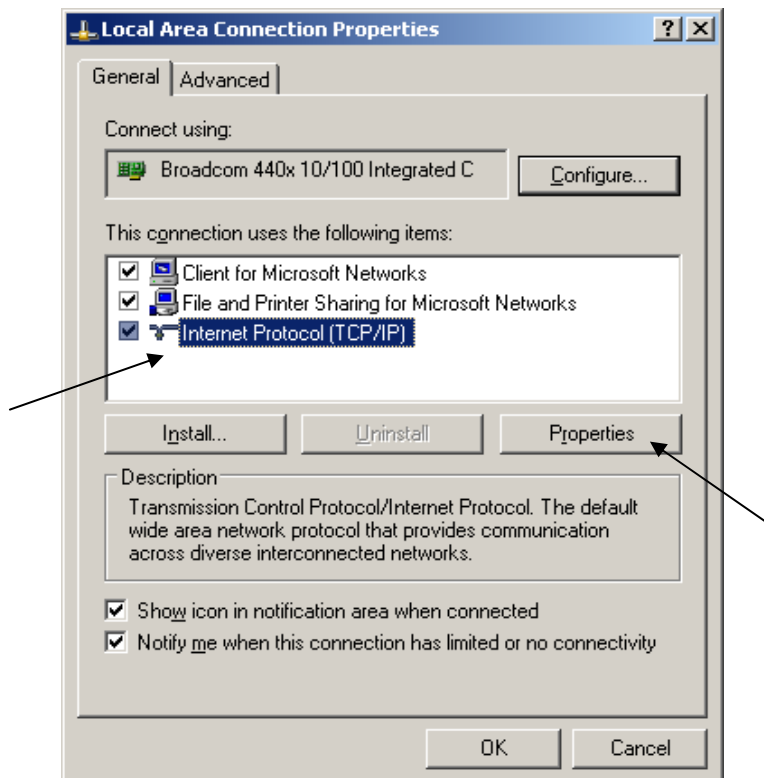


Figure 5

- In the “General” tab select “Use the following IP Address” as shown in Figure 6. Enter a static IP address such as 192.168.1.10 as shown in Figure 5. This address must be different from the GCM II IP address. The Subnet Mask must match what the GCM II has listed. The Default Gateway should be left blank.

Once the information has been entered, select “OK” on all screens to save the settings.

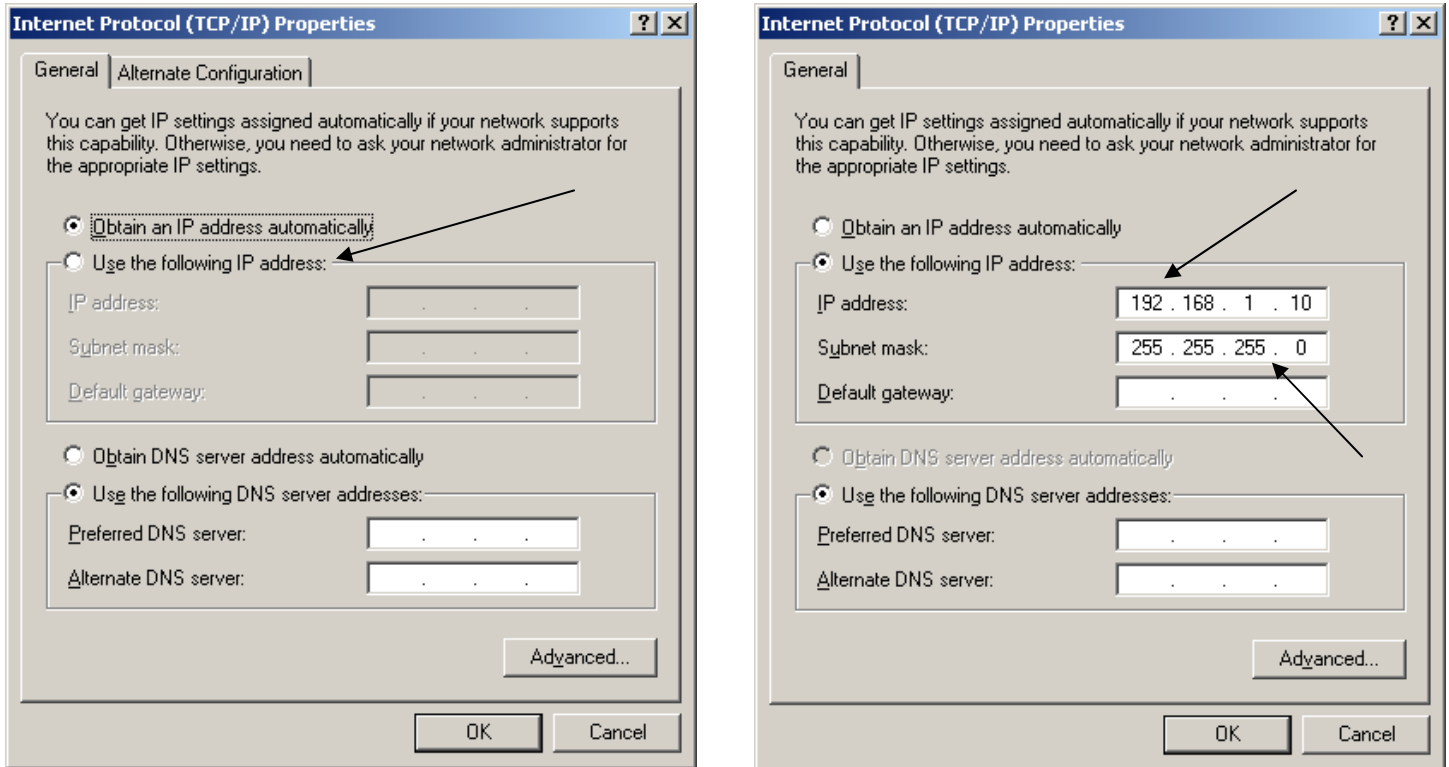


Figure 6

UIST II SETUP

Open the UIST II “Controller Connect” tab as shown in Figure 7 (or reference the UIST II manual). Enter the IP address of the GCM II into the IP Address field and select “Connect”.

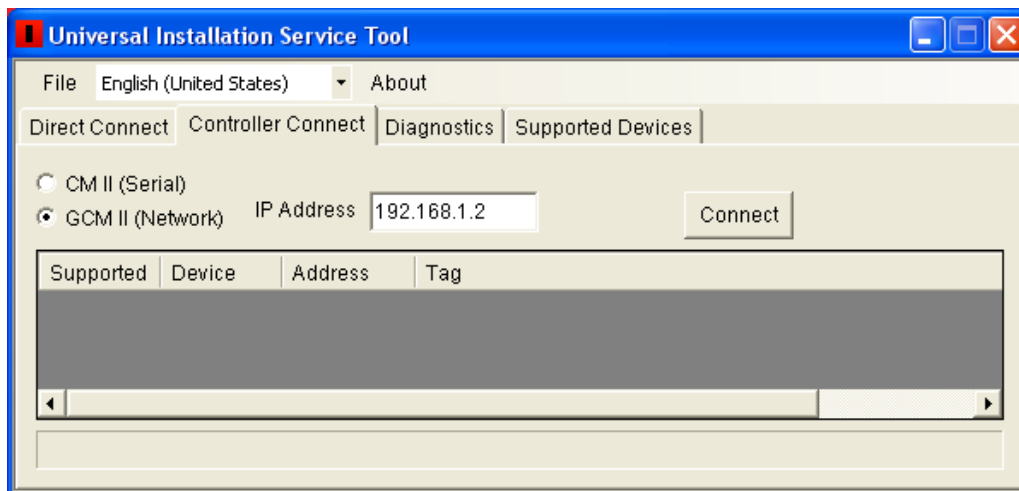


Figure 7