

MGI16 Upgrade Procedure

REQUIRED ITEMS:

- *PC with LAN connection and Solarwinds TFTP Server installed*
- *OS7400 cabinet*
- *MP40 and LP40*
- *MGI64*
- *10/100 LAN switch or HUB*

PREPARE SOLARWINDS PC:

- 1) Assign an IP address to the PC: 192.168.1.8/ gateway: 192.168.1.1/Subnet mask 255.255.255.0/ Static IP.
- 2) Install Solarwinds TFTP server on the PC.
- 3) Create a directory **from the ROOT** called “mgi16” exactly. It should be right off the root C:\Wmgi16W
- 4) Unzip the mgi16 software into this directory

UPGRADE PROCEDURE

1. Install the MGI16 (install in any universal slot) in an OS7400 cabinet with MP40 (slot 3) and LP40 (Slot 0) installed. Power ON system.

2. Connect the LAN connection of the MP40 and MGI64 into the Hub.

3. In MMC 830, program the IP info for the MP40:

* IP: 192.168.1.2

* Gateway: 192.168.1.1

*IP TYPE: PRIVATE ONLY

* Subnet: 255.255.255.0

*SYSTEM RESET: YES (the MP40 will reboot)

4. When system comes back up, In MMC 831, program the IP info for the MGI16 that is installed:

* IP: 192.168.1.3

*Gateway: 192.168.1.1

*Subnet 255.255.255.0

IP TYPE: PRIVATE ONLY

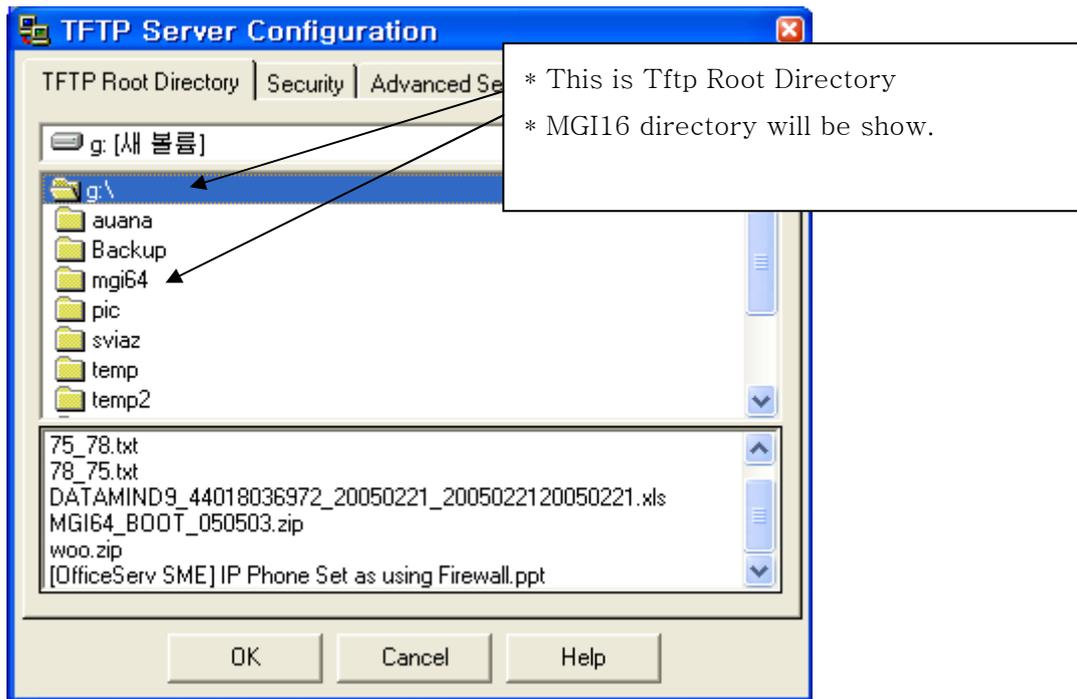
5. Connect the Solarwinds PC LAN connection to the hub.

6. Verify that you can ping the IP of the MGI16 card. Click START, then RUN, enter “cmd” and a command line window will open.

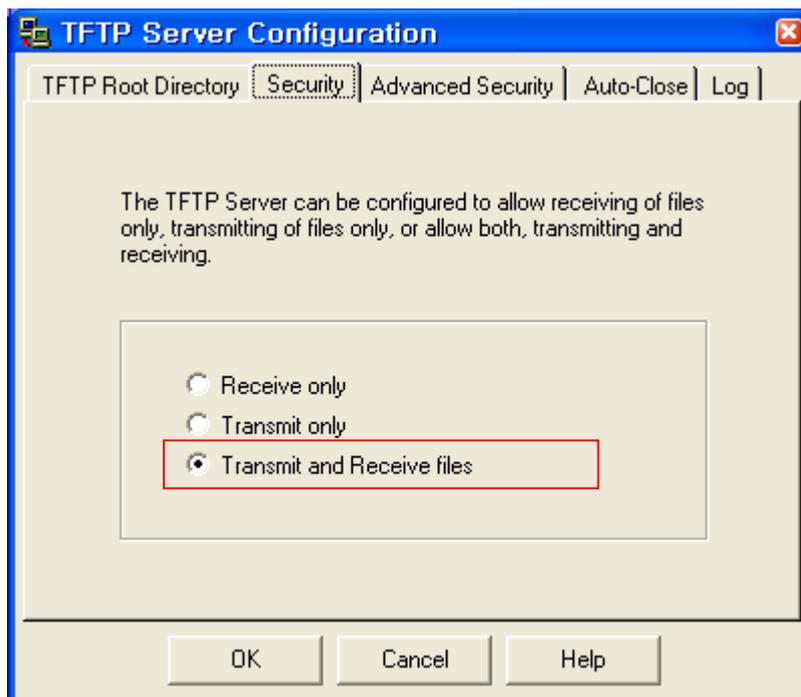
At the command prompt, enter ping 192.168.1.3 and verify that you get a reply.

7. Start Solarwinds TFTP and Configure tftp Server like below.

File -> Configure select the root directory to be root of drive C: (in this example, its g:₩) DO NOT SELECT THE mgi16 directory.



Check Security Option



Make sure you leave Solarwinds running.

8. From the Windows command prompt (Click START, then RUN, enter "cmd" and a command line window will open.) , enter "telnet 192.168.1.3" (or whatever the IP address of the MGI16 is)

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Login to the mgi16.  
id :mgi  
pwd : mgi12345
```

9. From the MGI16 command prompt, type "allset" and press enter.

Enter the MGI16IP info (press enter to simply accept the default data which should reflect what's already programmed in mmc 831. If this is different than what's programmed in mmc 831, then make sure you enter the correct info that matches with what is programmed in mmc 831.)

The last item "Package Server" enter the IP address of the Solarwinds PC (192.168.1.8) and wait till this is accepted.

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테라팀 - COM1 VT
파일(F) 편집(E) 설정(S) 제어(O) Window 도움말(H)
MGI64:165.213.66.22>
-----
If you want to set Network Parameter,
  Press Enter Key and Log In Network Setting Mode!!!
-----
count : 3
login:
Password:
MGI64:165.213.66.22>
MGI64:165.213.66.22>
MGI64:165.213.66.22> allset

MGI64 Network Parameter Change
(If you dont want to modify, Press Enter Key
=====
Current MGI64 IP Address:165.213.66.22
New MGI64 IP Address:165.213.66.22
Current MGI64 SubnetMask:255.255.255.0
New MGI64 SubnetMask:255.255.255.0
Current MGI64 Gateway:165.213.66.1
New MGI64 Gateway:165.213.66.1
Current Package Server IP Address:165.213.89.128
New Package Server IP Address:165.213.89.128
=====

<<<< MGI64 network information >>>>
=====
MAC Address : 00:00:F0:C3:78:23:
IP Address : 165.213.66.22
Subnet Mask : 255.255.255.0
Gateway Address : 165.213.66.1
Server Address : 165.213.89.128
=====
value = 50 = 0x32 = '2'
MGI64:165.213.66.22>

```

10. Now, Reboot, MGI16 Card by pressing the reset button on the front of the MGI64 card.

11. When the MGI16 reboots, you can see that it automatically loads the new software from the Solarwinds PC. You can observe the log window of the Solarwinds application and see the files being loaded to the MGI16 card.

12. Once loading has completed and MGI16 is back on line, go to MMC 727 and verify that the new version has successfully been installed.

UPGRADING MULTIPLE MGI16 CARDS:

Multiple MGI16 cards can be installed and loaded to save time when you have a boat load of MGI16's to upgrade! Simply install MGI16's in any available universal slot AND CONNECT EACH ONE TO THE HUB via its LAN connection. Assign a different IP address to each one in MMC 831 (you can select each MGI16 by scrolling up using the volume key when the cursor is in the mgi channel number field (ie [3801])).

Now repeat steps 8 ~ 12.