

3. MGI3 Upgrade

3.1 Equipment Required

LAN cross-over cable for direct connection between the PC LAN port and the MGI 3 card.

3.2 Setup

Connect the Laptop PC to the MGI3 card directly using the cross-over cable. Ensure that the IP address and subnet mask of the Laptop PC is in the same range as the MGI 3 card IP address as assigned in MMC 831. If the IP address is not assigned please assign an address in this MMC.

3.3 Procedure

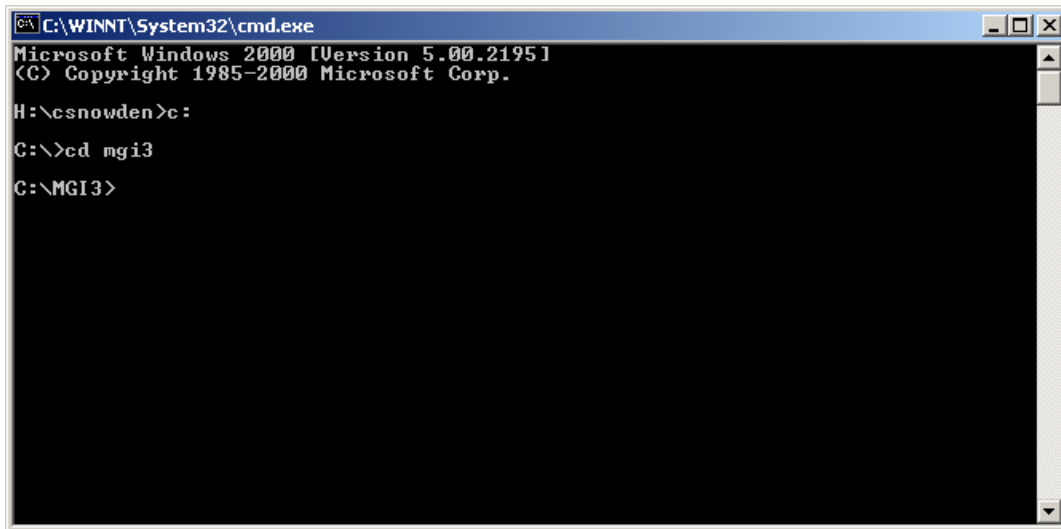
Step 1. Please unzip 'Mgi3.zip' file provided by Samsung Technical Support into a directory of your PC. E.g c:\mgi3
(You'll see the following files in this directory mgi3.000 / mgi3.001 / etc., dsp.000 / dsp.001 and sig_ver.c)

Step 2. Using MMC 831 verify the IP address information for the MGI3 card to be upgraded.
(If the IP address is not assigned please assign an address in this MMC)

Note: If the IP address is modified the MGI3 card will reboot. After about 3 minutes, the MGI3 card will be live and ready to be upgraded.

Step 3. Using MMC 727 please check the version date of the MGI3 card. If the version information is the same as upgrade files, upgrading is not required.

Step 4. Open the DOS prompt on your PC and change the directory to the directory location of your MGI 3 upgrade files.



```
C:\WINNT\System32\cmd.exe
Microsoft Windows 2000 [Version 5.00.2195]
(C) Copyright 1985-2000 Microsoft Corp.

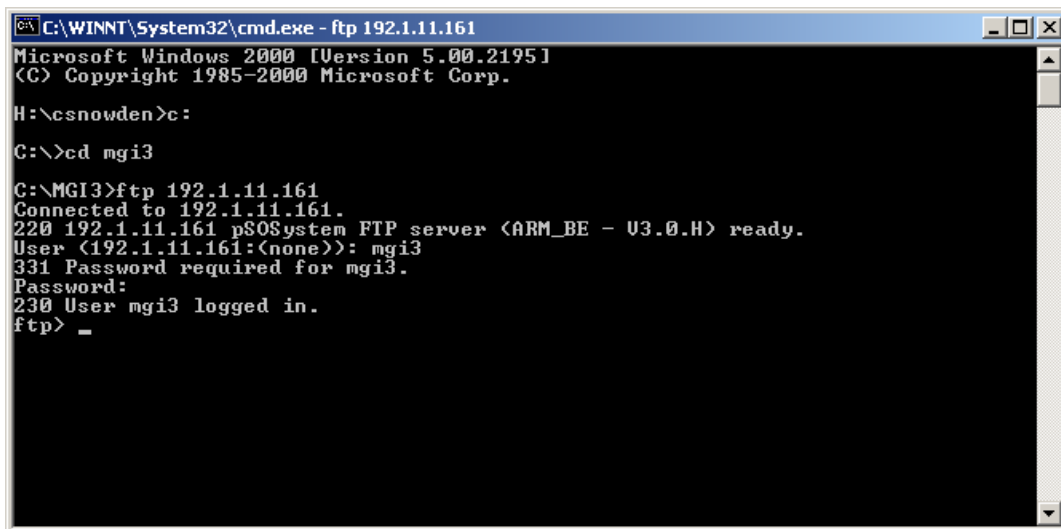
H:\csnowden>c :
C:\>cd mgi3
C:\MGI3>
```

Step 5. From the DOS prompt enter the following commands to gain FTP access to the MGI3 card.

ftp 168.219.81.79 (Please use the actual IP address of MGI3)

User: **MGI3**

Password: **MGI33**



```
C:\WINNT\System32\cmd.exe - ftp 192.1.11.161
Microsoft Windows 2000 [Version 5.00.2195]
(C) Copyright 1985-2000 Microsoft Corp.

H:\csnowden>c :
C:\>cd mgi3
C:\MGI3>ftp 192.1.11.161
Connected to 192.1.11.161.
220 192.1.11.161 pSOSystem FTP server (ARM_BE - U3.0.H) ready.
User (192.1.11.161:(none)): mgi3
331 Password required for mgi3.
Password:
230 User mgi3 logged in.
ftp> _
```

Step 6. After connecting ftp session, to upload the unzipped Program Files, insert the following commands sequentially pressing [Enter] key after each one. Please wait for the ftp> prompt to reappear after each command and files are loaded as appropriate.

```
ftp> put sig_ver.c --> Transfer the version information file
ftp> bin --> Change the transfer mode as binary mode
ftp> prompt --> Turn off the interactive mode
ftp> mput mgi3.* --> Transfer new program package files to MGI3 card
Ftp> mput dsp.* --> Transfer new dsp kernal program files to MGI3 card
ftp> bye --> Close the FTP client
```

A success transfer message should be displayed after each file is downloaded as shown below



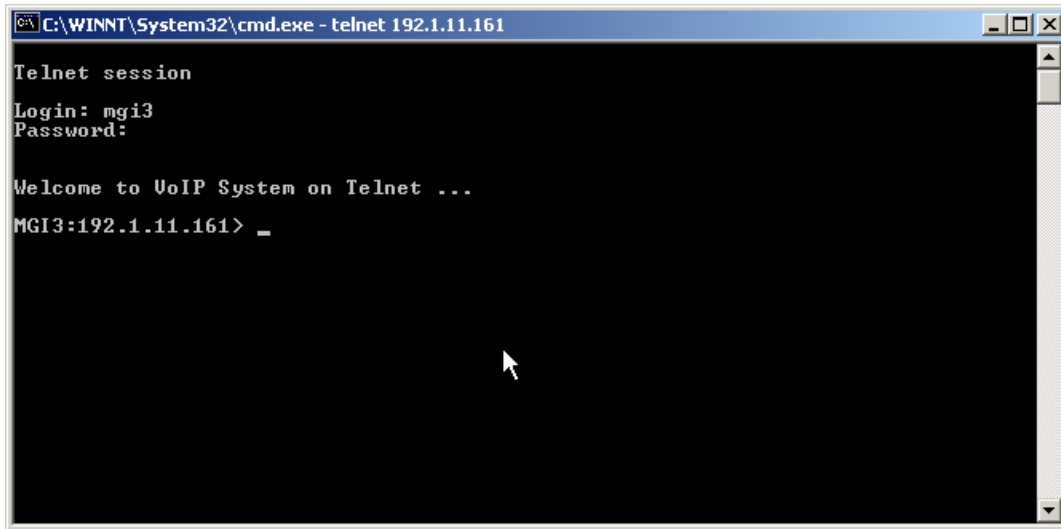
```
C:\WINNT\System32\cmd.exe - ftp 192.1.11.161
ftp> put sig_ver.c
200 PORT command successful.
150 Opening ASCII mode data connection for sig_ver.c
226 Transfer complete.
ftp: 2721 bytes sent in 0.00Seconds 2721000.00Kbytes/sec.
ftp> bin
200 Type set to I.
ftp> prompt
Interactive mode Off .
ftp> mput mgi3.*
200 PORT command successful.
150 Opening BINARY mode data connection for mgi3.000
226 Transfer complete.
ftp: 123612 bytes sent in 0.47Seconds 262.45Kbytes/sec.
200 PORT command successful.
150 Opening BINARY mode data connection for mgi3.001
226 Transfer complete.
ftp: 125136 bytes sent in 0.49Seconds 255.38Kbytes/sec.
200 PORT command successful.
150 Opening BINARY mode data connection for mgi3.002
226 Transfer complete.
ftp: 125693 bytes sent in 0.49Seconds 255.99Kbytes/sec.
200 PORT command successful.
150 Opening BINARY mode data connection for mgi3.003
226 Transfer complete.
ftp: 129105 bytes sent in 0.51Seconds 252.65Kbytes/sec.
200 PORT command successful.
150 Opening BINARY mode data connection for mgi3.004
226 Transfer complete.
ftp: 123312 bytes sent in 0.52Seconds 236.68Kbytes/sec.
200 PORT command successful.
150 Opening BINARY mode data connection for mgi3.005
226 Transfer complete.
ftp: 127276 bytes sent in 0.53Seconds 239.69Kbytes/sec.
200 PORT command successful.
150 Opening BINARY mode data connection for mgi3.006
226 Transfer complete.
ftp: 88986 bytes sent in 0.53Seconds 167.58Kbytes/sec.
200 PORT command successful.
150 Opening BINARY mode data connection for mgi3.007
226 Transfer complete.
ftp: 67884 bytes sent in 0.54Seconds 125.48Kbytes/sec.
ftp> mput dsp.*
200 PORT command successful.
150 Opening BINARY mode data connection for dsp.000
226 Transfer complete.
ftp: 250 bytes sent in 0.00Seconds 250000.00Kbytes/sec.
200 PORT command successful.
150 Opening BINARY mode data connection for dsp.001
226 Transfer complete.
ftp: 77352 bytes sent in 0.54Seconds 142.98Kbytes/sec.
ftp> _
```

Step 7. Again from the DOS prompt connect to the MGI3 card via a telnet session.

telnet 168.219.81.79 (*Please use the actual IP address of your MGI3card*)

Login: **MGI3**

Password: **MGI33**



```
C:\WINNT\System32\cmd.exe - telnet 192.1.11.161
Telnet session
Login: mgi3
Password:
Welcome to UoIP System on Telnet ...
MGI3:192.1.11.161> _
```

Step 8. After connecting telnet, install the uploaded (in Step 4) files into MGI3 card.

MGI3(MGI3 Ip Address)>**siglo mgi3.*** (*The messages will be displayed as shown below*)

MGI3(MGI3 Ip Address)>**siglo dsp.***

MGI3(MGI3 Ip Address)>**sigboot** (No prompt will be displayed after this command as the MGI 3 card is rebooting)