



Bulletin No.: 2005-17

December 16, 2005

## MGI3 Upgrade Procedures

The purpose of this Technical Bulletin is to outline the procedure for upgrading a Samsung MGI-3 card. This document pertains to both styles of MGI-3 card which install into iDCS 100 and iDCS 500 systems.

The FTP commands in this bulletin are used for copying files from the PC being used to upgrade to the MGI-3 card. The Telnet commands in this bulletin are used for updating the files on the MGI-3 card.

**Note:** If any of the listed steps are unclear please call Samsung Technical Support for clarification at (800) 737-7008.

### MGI Upgrade Steps

Please follow the listed steps for a successful upgrade:

Step	Action
1	Obtain the MGI-3 upgrade files from Samsung Technical Support (The files will be in .Zip file form)
2	Create a new folder named <b>MGI3</b> on the root directory of <b>C:\</b> on the PC being used to perform the upgrade
3	Unzip the upgrade files into the <b>MGI3</b> folder on the PC being used for the upgrade
4	Ensure the PC being used is on the same private network as the MGI-3 card being upgraded. Go to a command or DOS window by going to <b>Start/Run/CMD</b> and pressing <b>&lt;Enter&gt;</b> or clicking <b>OK</b> . At <b>C:\</b> type <b>ping xxx.xxx.xxx.xxx</b> (xxx.xxx.xxx.xxx equals the IP Address of the MGI Card listed in MMC 831). If a reply is returned proceed to step number 5. If it fails, please verify the MGI-3 and the PC are on the same private network
5	Go to a command or DOS window by going to <b>Start/Run/CMD</b> and pressing <b>&lt;Enter&gt;</b> or clicking <b>OK</b> .
6	Navigate to the <b>MGI3</b> folder. At the <b>C:\</b> type <b>CD</b> (change directory) followed by a space and then <b>MGI3</b> then press <b>&lt;Enter&gt;</b> . (If the DOS window shows something like <b>C:\documents and Settings\desktop</b> ) then type in <b>CD..</b> and press <b>&lt;Enter&gt;</b> . Repeat until only <b>C:\</b> is shown. Then type in <b>CD MGI3</b> and press <b>&lt;Enter&gt;</b> .
7	On the PC <b>C:\MGI3&gt;</b> should now be seen in the DOS window
8	Type in <b>dir &lt;enter&gt;</b> and verify that the upgrade files are listed in the MGI3 directory
9	From <b>C:\MGI3&gt;</b> type <b>ftp xxx.xxx.xxx.xxx</b> (xxx.xxx.xxx.xxx equals the IP Address of the MGI Card listed in MMC 831). Be sure to include a space between <b>ftp</b> and the IP Address

Samsung Telecommunications America  
 Business Communication Systems  
 1301 East Lookout Drive  
 Richardson, TX 75082

## MGI3 Upgrade Procedures

Step	Action
10	Once the ftp connection is started the DOS window should display the following: <b>User (xxx.xxx.xxx.xxx(none)):</b> please type in <b>mgj3</b> and press <b>&lt;Enter&gt;</b>
11	Once the username is entered the DOS window should display the following: <b>331 Password required for mgj3. Password:</b> type in <b>mgj33</b> and press <b>&lt;Enter&gt;</b>
12	On the PC, <b>ftp&gt;</b> should now be seen in the DOS window
13	Type <b>prompt</b> and press <b>&lt;Enter&gt;</b> . A response of "Interactive mode off" will be displayed". The <b>ftp&gt;</b> prompt will again display.
14	Type <b>hash</b> and press <b>&lt;Enter&gt;</b> . A response of "Hash mark printing On" will be displayed. The <b>ftp&gt;</b> prompt will again display.
15	Type <b>ascii</b> and press <b>&lt;Enter&gt;</b> . A response of "200 type set to A" will be displayed. The <b>ftp&gt;</b> prompt will again display.
16	Type <b>put sig_ver.c</b> and press <b>&lt;Enter&gt;</b> (There is a space between put and sig). File transfer will begin immediately. The <b>ftp&gt;</b> prompt will again display.
17	Type <b>bin</b> and press <b>&lt;Enter&gt;</b> . A response of "200 Type set to I." will be displayed. The <b>ftp&gt;</b> prompt will again display.
18	Type <b>mput dsp.*</b> <enter> Files will be seen transferring (there is a space between mput and dsp) . The <b>ftp&gt;</b> prompt will again display.
19	Type <b>mput mgj3.*</b> and press <b>&lt;Enter&gt;</b> . Files will be seen transferring (there is a space between mput and mgj3). The <b>ftp&gt;</b> prompt will again display.
20	Type <b>ls</b> and press <b>&lt;Enter&gt;</b> (lower case L and lower case S). The upgrade files transferred to the MGI-3 will now be displayed. The <b>ftp&gt;</b> prompt will again display.
21	Type <b>bye</b> and press <b>&lt;Enter&gt;</b> .
22	At this point the PC is done with FTP and the DOS window will display <b>C:\MGI&gt;</b>
23	At the <b>C:\MGI&gt;</b> , type <b>telnet xxx.xxx.xxx.xxx</b> and press <b>&lt;Enter&gt;</b> . (xxx.xxx.xxx.xxx is the private IP address you assigned the MGI3 card in MMC 831 and there is a space between telnet and the IP Address)
24	The DOS window will now show: <b>Telnet Session</b> <b>Login:</b> please type in <b>mgj3</b> and press <b>&lt;Enter&gt;</b>
25	The DOS window will show <b>password:</b> , please type in <b>mgj33</b> and press <b>&lt;Enter&gt;</b>
26	The DOS window will now show <b>Welcome to VoIP System on Telnet...</b> <b>MGI3:xxx.xxx.xxx.xxx&gt;</b> (xxx.xxx.xxx.xxx is the private IP address you assigned the MGI3 card in MMC 831)
27	At the <b>MGI3:xxx.xxx.xxx.xxx&gt;</b> , type in <b>siglo dsp.*</b> and press <b>&lt;Enter&gt;</b> (there is a space between siglo and dsp). Wait until file updating is complete before continuing
28	At the <b>MGI3:xxx.xxx.xxx.xxx&gt;</b> , type in <b>siglo mgj3.*</b> and press <b>&lt;Enter&gt;</b> (there is a space between siglo and mgj3. Wait until file updating is complete before continuing
29	At the <b>MGI3:xxx.xxx.xxx.xxx&gt;</b> , type in <b>sigboot</b> and press <b>&lt;Enter&gt;</b>
30	The MGI-3 card will now restart. It may take up to 5 minutes to come back online
31	Go to MMC 727 and verify the MGI-3 card has the updated version running

*If you have any questions about this or any other Technical Support bulletins please contact Samsung Technical Support by phone at 800-737-7008 or by email at [BCS.Support@Samsung.com](mailto:BCS.Support@Samsung.com).*

Samsung Telecommunications America  
Business Communication Systems  
1301 East Lookout Drive  
Richardson, TX 75082