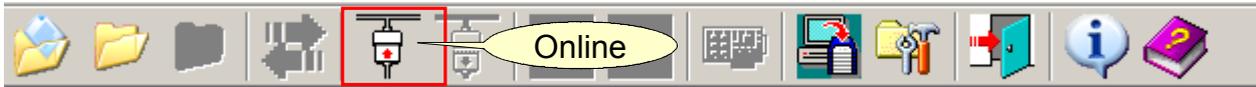


MCP Program Version Upgrade Procedure

1. Connect to the system by PCMMC.



2. Push "Download" button to download the database of the system.



3. Disconnect from the system after download.



4. Upload the program to the system.

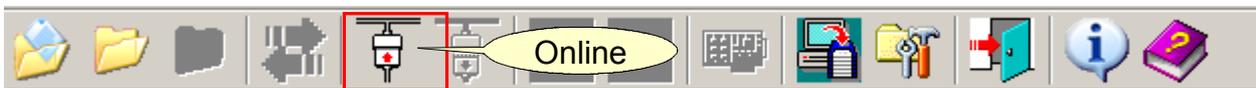
(Refer to "Program File Upload Flow" on the next page for more information on Program Upload)



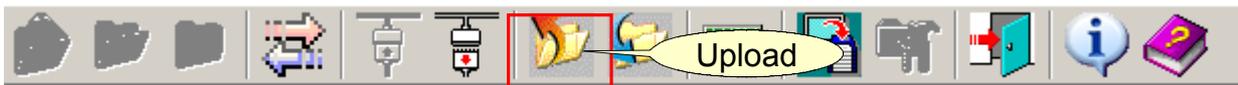
5. Upgrade MCP Program Version by MMC818 after Program Upload.

6. Initialize the database by MMC811 after MCP Program Version Upgrade(Clearing the memory).

7. Reconnect to the system by PCMMC.



8. Upload the downloaded database (in procedure #2) to the system.



9. Check out the working of the system and finish MCP Program Version Upgrade procedure.

Program File Upload flow

V1.20 or upper one of PCMMC and upload by LAN are assumed.

1. LAN Program Version

- iDCS100 : V1.01 (2002.07.15) and upper ones are regarded as new version.
- iDCS500 : V1.08 (2002.07.xx) and upper ones are regarded as new version.

2. Storage device of the system

- iDCS100 : Flash Memory
- iDCS500 : Smart Media Card

3. Program Upload Procedure

- Select a Program File (*.pgm) to be uploaded.
- Click on the "Program" button.
- The file is transferred from PC to the DRAM on the System LAN Card.
If the old version of PCMMC, the message of "Completed file upload" is displayed.
If new version, the status of writing on the DRAM is displayed.
- The file on the DRAM is written on the storage device of the system after the File Transfer.
(Takes 5 ~ 15 minutes according to the file size)
- Load the file to MP by MMC818 after the writing.

4. File Upload Procedure by PCMMC

- Run PCMMC.
- Click on "Program Upload Icon" on the Main ToolBar.

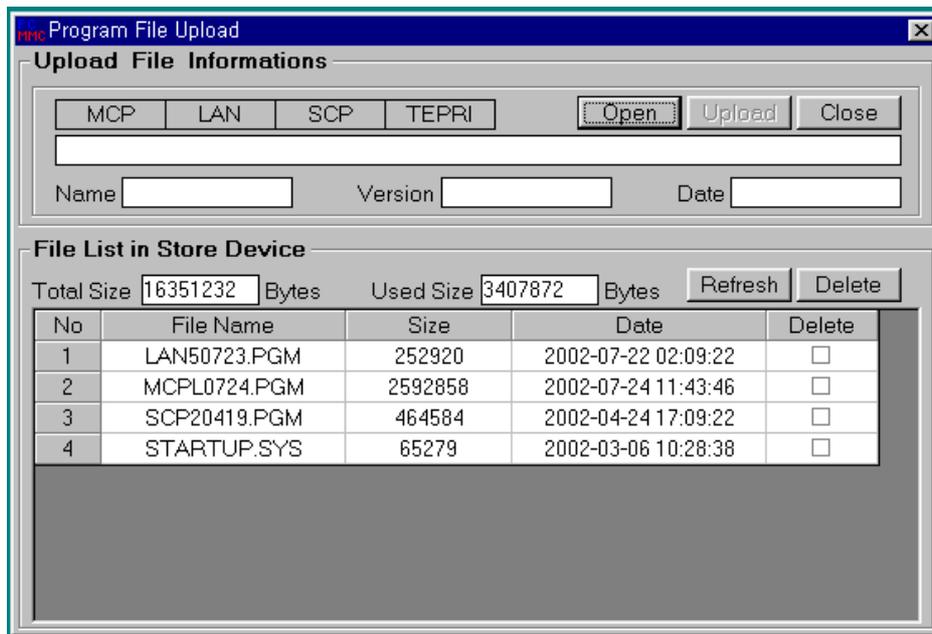


The connection to the system is necessary for File Upload through MODEM or SIO.

- One of the following 2 pictures is shown according to the Version of the LAN Program.



(Window for the old version of LAN Program)



(Window for the new version of LAN Program)

- Select a Program File (*.pgm) to be uploaded by pushing "Open" button.
- Click on the "Upload" button. (The file is transferred from PC to the DRAM on the System LAN Card

)

If the old version of LAN Program, PCMMC shows the completion message. But, it does not mean the completion of the upload to the storage device but to the DRAM. Wait for the completion of the transfer to the storage device.

(Takes 5 ~ 15 minutes according to the file size)

If new version, the status of writing on the DRAM is displayed. And when PCMMC shows the completion message, it mean the completion of the File Upload.

- Enter MMC818 by KMMC after the File Upload.
- Confirm if the uploaded file is correctly written.
- If so, select the uploaded file and download it to MP.

5. Probable Error Messages and Troubleshooting on Program File Upload

5-1. **Failed program file upload to system.**

→ This message shows there are some problems during PC to DRAM or DRAM to Smart Media Card transfer.

- Check out the physical link between PC and the system.
- Give a ping test to the system. If some problems, restart the LAN Problem by MMC830 and try Program Upload again.
- The file itself can have some problems.

5-2. **Smart Media isn't exist (only for iDCS500)**

→ This message shows the Smart Media Card is not inserted. Insert it into the system.

5-3. **Smart Media is busy (only for iDCS500)**

→ This message shows the Smart Media Card is being used for another purpose. Try again after the work is finished.

5-4. **Already program exist in Smart Media (only for iDCS500)**

→ The program file to be uploaded has already existed on the Smart Media Card. Delete

the file on the Smart Media Card or change the name of the file to be uploaded.

5-5. Smart Media is full (only for iDCS500)

→ The Smart Media Card does not have enough space. Delete unnecessary files or use another Smart Media Card.

5-6. Incorrect file type

→ The file is not proper one for the storage device. Check out the type and the extension of the file.

5-7. Failed file open

→ The file cannot be opened for some problems on the storage device. Delete the file.

5-8. Incorrect file data

→ Some part of the uploaded file have problems and cannot be written on the storage device. Upload the file again.

5-9. Failed file write

→ The storage device have problems and cannot go on the process.

iDCS500 : Format the Smart Media Card or use another one.

iDCS100 : Use another Memory Card (MEM4).

5-10. Incorrect file checksum

→ The uploaded file does not have correct checksum. Upload the file again.