



Using GSD2IEC-MR with GEOS Gateway



GSD2IEC-MR was designed to work with GEOS but it can also be used to change the MR Emulation of an SD2IEC device while using the Gateway. With due care and attention it is possible to switch back and forth between drive types.

NOTE: this was not the designed way to use this program. However, the Gateway manual, in Chapter four, describes how to change drive types that are in use so I thought I'd try to change SD drive types. Practice on some non-critical disks before doing any serious work with this method, and always make backups.

NOTE: DO NOT, under any circumstance, click the box beside “Run CONFIGURE on Exit (OK)” as the Gateway does not have a CONFIGURE program and this will most likely crash your system.

Follow these steps to change MR Emulation mode under Gateway:

1. Create a Gateway Boot Disk in the usual way. I make my boot disks in .D81 files.
2. create disk images for your Gateway drivers in the appropriate folder on the SD2IEC device. I called mine GATEWAYDRVRS.D64, GATEWAYDRVRS.D71, and GATEWAYDRVRS.D81. COPY the Gateway drivers CBM1581, CBM1571, and CBM1541 to these new disk images.
3. Boot Gateway 64. For this example let's say you have configured your SD2IEC device as a CBM1581 and it is Drive A.
4. Copy GATEWAY, uIEC_Man 64, and GSD2IEC-MR to your RAM Drive.
5. when you need to change to a different drive type, go to your RAM Drive and run uIEC_Man 64. [Open] your GATEWAYDRVRS.D81 image and Geos|Quit to Gateway.
6. run GSD2IEC-MR from your RAM Drive. Use the [Drv] button to select Drive A which should show as a 1581. Use the [Mod] button to select the new drive type (.D64 in this case). Click [OK].
NOTE: DO NOT, under any circumstance, click the box beside “Run CONFIGURE on Exit (OK)” as the Gateway does not have a CONFIGURE program and this will most likely crash your system.
7. In the Gateway, select Drive A. It will still behave like it is a 1581 and will open to your GATEWAYDRVRS.D81 disk. Click [Cancel] if asked to convert to GEOS.
8. Double-click the driver file for the new drive type; in this case CBM1541. Click [Cancel] if asked to convert to GEOS. Gateway may display a blank, unnamed disk image for Drive A.
9. choose your RAM Drive in Gateway
10. run uIEC_Man 64. When you click the SD Card image you will be presented with the GEOSD64 folder contents. Open whatever .D64 image you need and Geos|Quit to Gateway.
11. Drive A: will now work as a 1541 and your chosen .D64 image will be active.

Changing Back

1. If/when you need to change back to the .D81 format, run uIEC_Man 64 from your RAM Drive, [Open] your GATEWAYDRVRS.D64 image, then Geos|Quit to Gateway

2. run GSD2IEC-MR from your RAM Drive. Use the [Drv] button to select Drive A which should show as a 1541. Use the [Mod] button to select the new drive type (.D81 in this case). Click [OK].

NOTE: DO NOT, under any circumstance, click the box beside “Run CONFIGURE on Exit (OK)” as the Gateway does not have a CONFIGURE program and this will most likely crash your system.

3. In the Gateway, select Drive A. It will still behave like it is a 1541 and will open to your GATEWAYDRVRS.D64 disk. Click [Cancel] if asked to convert to GEOS.

4. Double-click the driver file for the new drive type. In this case CBM1581. Click [Cancel] if asked to convert to GEOS.

NOTE: You MAY get a DB saying "Operation cannot proceed due to disk error: Fatal DOS error...". Click [OK]. Drive A will come up with no disk.

5. Select your RAM Device in Gateway.

6. run uIEC_Man 64. When you click the SD Card image you will be presented with the GEOSD81 folder contents. [Open] whatever .D81 image you need and Geos|Quit to Gateway.

7. Drive A: will now work as a 1581 and your chosen .D81 image will be active.

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