



October, 1985

Dear GRiD Customer,

The enclosed MS-DOS diskette contains the SERVER.EXE and PHONELNK.EXE software utilities. These files allow MS-DOS users to access a GRiD Server via a telephone line. As a current GRiD Server user, you can now use the file and print sharing capabilities of your GRiD Server under MS-DOS as well as GRiD-OS. As an MS-DOS user, this utility is useful in the event that you need to update your MS-DOS diskette with new utilities or the MS-DOS Operating System. The attached pages contain instructions for accessing a GRiD Server that is set up for MS-DOS users to download the latest version of MS-DOS.

Please note the following guidelines concerning the SERVER.EXE utility:

1. This version of SERVER.EXE and PHONELNK.EXE is intended for use on a GRiD Compass only. Do not use these files with a GRiDCase Computer or an IBM PC.
2. The MS-DOS SERVER utility is used for accessing a GRiD Server exclusively, and cannot be used to access GRiD Central.
3. If you are already a GRiD Server user, check with your System Administrator to verify that your GRiD Server software is version 11.0.0 or later.
4. You must execute your MS-DOS application locally. The following applications will access data files stored on GRiD Server:
Lotus 1-2-3, WordStar, dBaseII, and MS-Basic Interpreter and Compiler.

We believe that you will find SERVER.EXE a valuable addition to MS-DOS.

Sincerely,

GRiD Systems Corporation

Getting the Latest Version of MS-DOS

To get the latest version of MS-DOS, you will need to use the SERVER.EXE program to call up a GRiD Server. SERVER.EXE is described in the enclosed GRiD Server User's Guide for MS-DOS and PC-DOS Users.

What You Will Need

1. A GRiD Compass Computer, a floppy disk drive, and an internal or external modem.
2. An MS-DOS system disk with these files:

SERVER.EXE
PHONELNK.EXE
CONFIG.SYS
MODEM.SYS or SERIAL.SYS (See below)

Make sure the CONFIG.SYS file contains the statement:
Device=MODEM.SYS (if your modem is internal) or Device=SERIAL.SYS (if your modem is external).

3. A formatted, blank 5.25" diskette. Format a 5.25" diskette with the FORMAT command. Do not use the FORMAT command's /S option.
4. A formatted "scratch" disk for drive B. If you have only one floppy disk drive, drive A and B both refer to the same drive.

Setting Up

If you have an MS-DOS ROM (or EPROM) in your computer, remove it before starting this procedure. Make sure that the computer is plugged in but the **power is off** when you remove the ROM.

Instructions

In the instructions below, commands to enter appear in boldface.

1. Insert the MS-DOS system disk (with the files listed above) in the floppy drive and turn the computer on.
2. Plug the telephone line into the modem.
3. Enter **SERVER** and press **RETURN**. Press **CONFIRM** (CODE-RETURN) to select the Sign-on option. Use the right arrow key to highlight the PhoneLnk option and use the down arrow key to enter the following:

Company --> **MSDOS**
Group --> **System**
User --> **Update**
Password --> **Password**

The password will not be visible as you type; however, it is being entered. (This is done for security reasons.)
Press **CONFIRM** to continue.

4. Enter one of the phone numbers below; you may need to add a prefix (e.g., ^9) to get an outside line. If you are calling from the 415 area code, leave out the 415 number. The "^" character in the phone numbers is used to tell the computer to get a dial tone before dialing the number:

^4159669649 OR ^4159669654

These are the phone numbers of a GRiD Server that is set up for users to download MS-DOS.

Press **CONFIRM** to initiate the call. If you get a busy signal, try the other number or try again later. Otherwise, once connected, you will see a list of GRiD Server devices. (It will take about one minute to retrieve the list of devices.)

5. Make a note of the GRiD Server drive letter that corresponds to User Subjects. Press **ESC** to return to SERVER's main menu. Select SERVER's **EXIT** option and **CONFIRM**.
6. At the A> prompt make the drive letter corresponding to User Subjects the default drive. Use the CD command to change the current directory to \COMPASS\SYSUTILS.
For example, if User Subjects is drive H, enter:
H: <press RETURN>
CD \COMPASS\SYSUTILS <press RETURN>
7. If you have two floppy drives, insert the scratch disk in drive B and the formatted, blank disk in drive A. If you have only one floppy disk drive, insert the scratch disk in the drive.
8. Copy the NETSYS utility to drive B by entering the command:

COPY NETSYS.COM B: <press RETURN>

If you have only one floppy disk drive, a message on the screen will prompt you to insert a disk for drive B. Make sure your scratch disk is in the floppy drive. It will take 2 minutes to copy this file.

Keep the NETSYS utility in a convenient place. If you need to repeat the process of downloading MS-DOS at a later time, you can skip step 8 by using your copy of this utility.

9. Enter the command:

B:NETSYS A: <press RETURN>

NETSYS will take 5 minutes to run.

If you do not have two floppy disk drives, a message on the screen will prompt you to insert a disk for drive A. Insert the formatted, blank disk when prompted for drive A.

10. When you see the message "System Transferred, "enter the command:

COPY COMMAND.COM A: <press RETURN>
It will take 2 minutes to copy this file.

Next enter the command:

COPY *.SYS A: <press RETURN>
It will take 5 minutes to copy these files.

11. Your blank, formatted disk in drive A is now a bootable disk.
If desired, you can copy all the MS-DOS utilities by entering:

COPY *.* A: <press RETURN>

It will take about 50 minutes to copy all the files. You may want to just copy the utilities you need.

12. Your new MS-DOS disk is now ready to use. Remember to sign-off from the GRiD Server by using SERVER's Sign-off option.