Bell Technologies

June 29, 1987

Dear Friend,

Thank you for selecting Bell Technologies' System V/386, Release 3.0 as your operating system.

We believe UNIX on the '386 is a terrific market. Our System V/386 product family will get you into the '386 market as fast as possible by virtue of these specific advantages:

1) Bell Technologies System V/386, Release 3.0 is identical to the binaries used in AT&T's certification of UNIX System V/386, Release 3.0. Not one byte has been changed.

2) Our system uses the same ultra high quality Interactive Systems Corporation PC AT drivers used in the certification of System V/386 by AT&T. These drivers were created by Interactive Systems, the same company that builds UNIX for IBM. The basic PC AT drivers are augmented by Bell Technologies streaming tape and multiport card drivers, the exact same used for distributing software by Intel and AT&T in the creation of UNIX System V/386.

3) Four of the seven manuals provided to you have been created by Prentice-Hall, based on AT&T's "processor-independent" documentation set for System V Release 3.0. This is the highest quality set of UNIX manuals ever from the world leader in UNIX book publishing.

4) The three system specific manuals (Release Notes and the System Administrator's volumes) are reprints of documentation accompanying the certified UNIX System V/386 Release 3.0 product. In order to not delay your access to System V/386, we are photocopying these books while our volume print orders are pending.

5) We aim to provide the best business relationship in UNIX today. We want to win your business by providing the wholesale pricing structure and product configurations your professional objectives demand. We also offer access to PC AT drivers source code to assist third party and national language developers.

We are extremely proud to be able to provide to you the most advanced UNIX based operating system ever introduced in the commercial markets. We hope we can continue to service your 80386 needs with a complete line of hardware and software products, including tape backup, multiport serial expansion, networking, graphics, extensive training and many other products. Please call 800-IBM-UNIX or 800-FOR-UNIX (in California 415-659-9097) for the latest information on new products and services.

Sincerely,

Pete Bailey
Director of Sales

INSTALLATION PROCEDURES
BELL TECHNOLOGIES SYSTEM V/386, RELEASE 3

Bell Technologies distributes System V/386, Release 3 for the
convenience of our customers in two different formats. The
tape cartridge/boot diskette/driver objects kit and the 16
diskette kit. No matter what media kit you purchased you'll
find that System V/386, Release 3 can be the easiest UNIX
installation you've ever done.

Before installing System V/386, Release 3 please read all
installation instructions. Your hard disk should be formatted
and the system set up through the DOS setup program provided
to you with the purchase of your system PRIOR to the
installation of this software.

_____ Insert the System V/386 Boot Diskette in drive A.

_____ Turn your MPE/386 or compatible system on.

_____ At the boot: prompt press <ENTER>.

        Follow the prompts given to you by the install script.

_____ Do you wish to do a complete (destructive) installation?
        Type Y <ENTER>.

_____ Do you wish to proceed with UNIX Installation?
        Type Y <ENTER>.

_____ Do you wish to (re)format your hard disk?
        Type N <ENTER>. (We assume your disk is pre-formatted)

_____ Do you wish to do a complete surface analysis? Answer Y to
        write and read every sector, N to just read every sector.
        NOTE: Writing the whole disk takes a while.
        Type N <ENTER>.

        You will be asked to verify the current disk parameters
        by identifying the number of heads and the number of
        cylinders. If you are using a Bell Technologies B86
        disk drive, the correct parameters are:

        Number of Heads: 10
        Number of Cylinders: 830

_____ AFTER VERIFYING THAT THE PARAMETERS FOR YOUR HARD DISK
        ARE CORRECT, type Y <ENTER>.

_____ Do you wish to allocate any of your disk to exclusive
        use by DOS?
        Type Y <ENTER> (If you wish to allocate part of your
                        disk for use by DOS).
        Type N <ENTER> (If you want exclusive use of your
                        disk by UNIX).

At this point you will be asked to enter all bad track information. The bad tracks are supplied by all hard disk manufacturers and contain numbers indicating the location of the bad tracks. If you are using a Bell Technologies B86 disk drive, you will notice how we have identified in separate columns the location of the bad tracks by CYL H BYTE. These column headings correspond to cylinder, head and byte offset respectively.

_____ Do you wish to enter any more defect information?
        Type Y <ENTER>.

Enter each cylinder, head and byte offset value, checking off the bad blocks on the disk's bad block map as you proceed. If you make a mistake, don't worry, as supplying one or even ten more bad blocks than necessary will have no impact whatsoever on a large capacity disk drive.

After each bad track entry you will be asked if you wish to enter additional bad tracks. Type Y until all bad tracks are entered. Following the last entry type N and <ENTER>.

You will be asked if the default disk usage parameters are acceptable.

_____ Is this allocation acceptable to you?
        Type Y <ENTER>.

At this point, installation of System V/386, Release 3 will continue on its own. This procedure takes approximately 30-35 minutes.

Depending on whether or not you are installing System V/386, Release 3 via the 16 floppy diskettes or magnetic tape, you should now make them available for the next stage of the installation process.

_____ When you see the message, "Reset the CPU to re-boot.",
        remove the boot diskette and reboot the system by
        pressing the CTL-ALT-DEL keys simultaneously.

_____ At the boot: prompt press <ENTER>.

        Follow installation prompts provided by the install
        script.

_____ Are you installing from tape?
        Type Y <ENTER> (If installing from magnetic tape).
        Type N <ENTER> (If installing from floppy diskettes).

If you are installing from the Bell Technologies tape media, insert the data cartridge labeled "Installation Tape" when prompted. The remaining installation will be automatic and will take 15-20 minutes.

If you are installing from floppy diskettes, insert each of the 14 numbered diskettes when prompted.

At this point, System V/386, Release 3 has been installed.
Upon completion, reboot the system by pressing the
CTL-ALT-DEL keys simultaneously. Wait for
the login prompt.

_____ At the Console Login: prompt type setup <ENTER>.

At this time you will need to go through standard system
set-up procedures.

_____ Answer all prompts concerning the standard system
configurations, Time Date, Logins,and Passwords.

On most multiuser systems, passwords are very important.
Without proper protection through the use of passwords, your
system is subject to destruction by anyone who has physical
access to the console or terminals. We suggest that you read
all of the System V documentation, but we realize maybe
that is asking too much. However, the chapter on Security in
the Owner/Operator manual is a must for safe operation in
multiuser environments. For more about assigning passwords
see the chapter on simplified System Administration.

After passwords have been assigned, you are given the option
of changing the "name" of the system.

_____ This machine is currently called "intel". Do you want
to change it?
Type Y <ENTER>.

_____ What name do you want to give it?

(You can give your system any name that you'd
like...providing the name has no more than 8 numbers
and letters)

THIS COMPLETES THE INSTALLATION OF YOUR SYSTEM V/386, RELEASE 3.