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## Product Update Status

### Basic-2C Product Status

Basic-2C is now supported in the following environments:

#### Multi-User Shared Logic Systems (Xenix 3.X Operating System)

ALTOS 686\*  
 ALTOS 886\*  
 ALTOS 1086  
 ALTOS 2086  
 ALTOS 3086  
 WANG APC

#### (DEC VMS Operating System)

MICROVAX II  
 VAX 8200  
 VAX 8250  
 VAX 8300  
 VAX 8350  
 VAX 8500  
 VAX 8530  
 VAX 8550  
 VAX 8600  
 VAX 8650  
 VAX 8700  
 VAX 8800

#### Networked MS-DOS Systems

NORTH STAR DIMENSION SERIES  
 NOVELL NETWORKING  
 NOVELL E/TI NETWORKING  
 (Texas Instruments)  
 SPERRY USERNET  
 TELEVIDEO PERSONAL MINI  
 NOVELL ADVANCED NETWORK  
 SYSTEMS

### Single User MS-DOS Systems

AMSTRAD PC1512  
 AT&T 6300  
 AT&T 6300 PLUS  
 COMMODORE PC-10  
 COMMODORE PC-20  
 COMPAQ DESKPRO  
 COMPAQ PLUS  
 COMPAQ PORTABLE  
 COMPAQ PORTABLE III  
 COMPAQ 286 DESKPRO  
 COMPAQ 286 PORTABLE  
 COMPAQ 386 DESKPRO  
 COMPUTERLAND PC  
 DEC VAXMATE  
 EPSON EQUITY I  
 EPSON EQUITY II  
 EPSON EQUITY III  
 HONEYWELL PC AP

HP VECTRA  
 IBM-PC  
 IBM-PC-AT  
 IBM-PC-XT  
 IBM-XT MODEL 286  
 IIT XTRA XP  
 KAYPRO 1610  
 KAYPRO 16/E  
 KAYPRO PC  
 KAYPRO PC10  
 KAYPRO PC30  
 KAYPRO 286i  
 LEADING EDGE PC (D)  
 MAI/BASIC 4 PC  
 MULTITECH LAN 500  
 MULTITECH 700  
 MULTITECH 710  
 MULTITECH 900

MULTITECH 910  
 MULTITECH 1100  
 NCR PC6  
 NEC APC IV  
 SPERRY PC  
 SPERRY PC IT  
 TANDY 3000  
 TELEVIDEO TELE-PC  
 TELEVIDEO TELE-XT  
 TI BUSINESS PRO  
 TOSHIBA T3100  
 TULIP COMPACT  
 WANG APC  
 WANG PC  
 WANG PC-280  
 WYSE PC  
 XEROX 6060PC  
 ZENITH 150 SERIES  
 ZENITH 248 SERIES

\*Does not support Wang 2200 format diskettes

Note: Basic-2C under the DEC VMS Operating System is currently in Beta Testing. A special edition newsletter regarding this new release will be shipped to you within 30 days.

### 3.5" Diskettes Now Supported With Basic-2C

Beginning May 30th, Basic-2C may be optionally ordered on 3.5" diskette media. Specific Basic-2C products available on this media are:

on IBM & Approved Compatibles:

- IBM RunTime Packages
- IBM Development Packages
- IBM Scientific & Communications Drivers (SCD)
- IBM DEMO Diskettes (Release II)

on NOVELL & Approved Compatibles:

- NOVELL Multi-user RunTime Packages
- NOVELL Development Package

In addition to this new media format, all 3.5" products use a new convenient copy protection system. With this system the Gold Key may be "installed" to a single hard disk drive and will NOT require insertion of the 3.5" diskette once a day. This new scheme is particularly convenient for portable and laptop type systems where a diskette drive may not be readily available.

Note that a RunTime may be "de-installed" (thereby disabling the copy) and then "installed" on another machine to allow switching of hardware. Further, in the event that the "installed" copy of a RunTime accidentally becomes damaged, the 3.5" Gold Key diskette itself may be used direct until a replacement arrives.

The 3.5" diskette cannot be used in "2200 format" on any machine. Diskimage files must be used with 3.5" diskettes.

### IBM PS/2 Models 30, 50 and 60 Now Supported With Basic-2C

If you were concerned over the rumbling in our industry over the past month as the world in general scrambles to release on the new IBM PS/2 line of systems, then concern yourself no more. Basic-2C software authors are still right smack in the middle of the action as the new 3.5" version of Basic-2C has been fully tested and approved for use on the IBM PS/2 models 30 (Intel 8086), 50 and 60 (Intel 80286) running under MS-DOS 3.3. During evaluation, the systems were noted to yield improved performance and price over previous IBM models (see enclosed article for further information). To order RunTimes for this system, simply specify 3.5" media on your IBM & Approved Compatibles order.

The IBM PS/2 Model 80 (not yet shipping) is a floor standing, Intel 80386 based system. Niakwa will evaluate this system for approved compatibility as soon as it becomes publically available.

### Microsoft, IBM, OS/2 and You

In conjunction with the PS/2 announcement, IBM and Microsoft jointly announced the new OS/2 operating system. Many industry analysts view OS/2 as the future direction of the DOS world to the extent that OS/2 may replace DOS as the industry standard in the future. OS/2 is scheduled for release in the first quarter of 1988 (until which the PS/2 and other systems will operate under DOS 3.3).

Some major features of Microsoft OS/2 are:

- built-in windowing
- multi-tasking support (*concurrent* execution of several tasks)
- larger supported memory space
- built-in file sharing and locking
- an easy to use "video-active" user interface
- will run most existing DOS software

Collectively these features will make the PC environment considerably more powerful, easier to use and yet easier to sell. As a further result to this, PC based systems will likely to compete with yet even higher and minicomputer based solutions.

The announcement of OS/2 was greeted with considerable speculation. At first some confusion arose about who would "control" OS/2 (IBM or Microsoft) and whether it would be available to the clone and look-a-like makers. In fact there are two versions of OS/2. One version is Microsoft proprietary, called Microsoft OS/2, will be available to *all* hardware manufacturers, runs on IBM (under the name IBM OS/2 Standard Edition), contains many significant features and probably will become a new standard. The other version is IBM proprietary, called IBM OS/2 Extended Edition, is available only on IBM, does the same things MS-OS/2 does with some extra extensions (all of which can be safely ignored in our opinion), and probably won't become a standard. If you don't use the IBM extensions you will run under both OSs without hassle (guess what we are going to do).

Therefore to boil the whole situation down, the PC world is about to become a bit more complicated. Since in 1988 your end users may choose from up to 3 operating systems to host your software on their machines namely MS-DOS, MS-OS/2 or IBM OS/2 Extended Edition. Some time ago Bill Gates predicted 1988 as the "Year of Confusion" (hey... pretty funny Bill... we are all laughing). Nevertheless, Bill's pill has to be swallowed if progress is to be made, and MS-OS/2 definitely is progress.

In terms of Basic-2C strategy, the only safe bet is to keep all of our options open and let the user decide which path best suits him/her at the time. The demand for MS-DOS based systems will be strong for years to come, but then will be gradually shared more and more with MS-OS/2 based systems.

Therefore, in conclusion, our direction is to fully support MS-DOS and MS-OS/2 concurrently. The direction of our MS-OS/2 port will be to operate as a native OS/2 application (as opposed to an MS-DOS application tolerated by MS-OS/2) thereby allowing for tighter co-existence with MS-OS/2 features and co-applications. Further, the MS-OS/2 version of Basic-2C will operate under IBM OS/2 Standard Edition and the IBM OS/2 Extended Edition but will NOT depend on IBM extensions thereby maximizing the portability of your applications.

Watch upcoming newsletters for more information on this subject.

by Darrell Lynds

### Wang Laptop Approved For Use With Basic-2C

The Wang Laptop has been evaluated and approved for use with Basic-2C.

However, the following restrictions must be noted:

- The Wang Laptop requires the IBM version of the Basic-2C RunTime Package, not Wang
- 2200 format diskettes are not supported
- The Scientific and Communications Drivers (SCD) Package is not supported
- The Wang Laptop only supports Basic-2C while in IBM emulation mode
- The video attribute 'BRIGHT' displays the same as 'REVERSE VIDEO.' This affects use of the HELP and ERROR screens in that it is not possible to determine which option is currently selected.

The Wang Laptop does not have a floppy diskette drive built into the standard unit. Both a 5.25" and 3.5" IBM RunTime Package will work with the Wang Laptop. However, they are external to the Wang Laptop. The 3.5" method is recommended in situations where you need to run the Basic-2C RunTime Package off of a hard disk. Using Basic-2C with the 5.25" RunTime Package will require a 5.25" floppy drive to be attached to the Laptop, in order to pass the Gold Key security check.

### New Wang PC-280 Now Supported For Use With Basic-2C

The PC-280 is Wang's newest personal computer. We have recently evaluated the PC-280 and found that the current IBM version of the Basic-2C RunTime Package is fully supported.

The Wang PC-280 uses an Intel 80286 processor operating at up to 10 Mhz, making it one of the fastest machines in the 80286 class. The PC-280 is IBM AT board compatible and, unlike earlier Wang PCs, it boots in IBM mode. Therefore, stay-resident programs such as the IBM PC version of the Niakwa Scientific and Communications Drivers Package is fully supported.

The keyboard is a standard Wang PC keyboard with IBM key labels on appropriate keys. The RunTime Program default keyboard mapping uses the IBM keys, but all keys on the keyboard may be accessed by Basic-2C and re-mapped by use of the Keyboard Translation Table. This includes the HELP, EXEC, and CANCEL keys. Note that the 16 function keys require no re-mapping. They produce Basic-2C codes SF '0 through SF '15 (SF '16 through SF '31 shifted) as defaults.

Screen handling characteristics are the same as for IBM and other compatible PCs. Features specific to the Wang version of Basic-2C such as downloadable fonts and true box graphics are not supported.

### Complimentary Subscription to ACCESS 87

Enclosed in this issue of the Niakwa Newsletter is a free one-year gift subscription card to the premier publication for the Wang user community—ACCESS 87. If you have not heard of ACCESS 87 or do not subscribe currently, this is an excellent opportunity to keep abreast of what is happening with Wang and their product offerings.

If you already receive ACCESS 87, please forward this to a friend or business associate. The price cannot be beat!

Subscriptions take eight weeks to process, so complete and return the card today to get on ACCESS 87's mailing list.

These gift subscription cards can also be made available, in bulk, to *your* users as well. Contact Larry Fredrich at Niakwa for details (312) 634-8700.

### IBM Personal System/2 Announcement

On April 2, 1987, IBM introduced the Personal System/2. The Personal System/2 is an entirely new family of Personal Computer products based on the latest in advanced technology from IBM.

The IBM Personal System/2 line consists of four new models and several configurations standardized around the new 3.5 inch disk media. The new line ranges from the low-end Model 30 (8086 microprocessor, 8Mhz) to the high-end Model 80 (80386 microprocessor, 20Mhz).

The PS/2 Model 30 has an 8086 microprocessor running at 8Mhz with 640K RAM (Random Access Memory). This machine makes an excellent stand-alone unit or Novell workstation. The Model 30 has two available configurations: the Model 30-002 and Model 30-021. The Model 30-002 is configured with two 720K floppy disk drives, 640K RAM, three standard expansion slots, parallel interface, serial interface, mouse interface, keyboard interface, and IBM's new MCGA (Multi Color Graphics Array) display interface. The Model 30-021 is the same basic configuration except it replaces one of the 720K floppy disk drives with a 20MB hard disk drive.

The PS/2 Model 50 has an 80286 microprocessor running at 10Mhz with 1MB RAM, expandable to 7MB of RAM. The Model 50 has one standard configuration, Model 50-021. The Model 50-021 has a 1.44MB floppy drive and a 20MB hard drive with an optional 1.44MB floppy disk drive. This model also comes equipped with parallel, serial, mouse, and keyboard interfaces and IBM's new VGA (Video Graphics Array) display interface. This model has three expansion slots which use IBM's new Micro Channel architecture. The Micro Channel architecture provides a wider and faster data path to support more direct memory access channels. It also has the ability to support multiple task operation more efficiently. Note, the new Micro Channel architecture is not compatible with existing expansion boards.

The PS/2 Model 60 is a floorstanding machine very similar to the Model 50. The Model 60 has an 80286 microprocessor running at 10Mhz with 1MB RAM, expandable to 15MB of RAM. The Model 60 has seven expansion slots which also use the new Micro Channel architecture. The Model 60 has two available configurations: the Model 60-041 and Model 60-071. The Model 60-041 is configured with one 1.44MB floppy disk drive, and one 44MB hard drive with an optional second 44MB hard drive. The Model 60-071 is configured with one 1.44MB floppy disk drive and one 70MB hard disk drive with an optional second 70MB or 115MB hard disk drive. Both Model 60 configurations come equipped with parallel, serial, mouse,

and keyboard interfaces and IBM's new VGA display interface. Both configurations also support a second 1.44MB floppy disk drive.

The PS/2 Model 80 is a floorstanding machine designed around the latest in microprocessor technology: the Intel 80386 microprocessor. The Model 80 has an 80386 microprocessor running at 16 to 20Mhz (depending on the configuration) with 1MB RAM, expandable to 16MB RAM. The Model 80 has seven expansion slots which also use the new Micro Channel architecture. The Model 80 has three available configurations: the Model 80-041, Model 80-071, and Model 80-111.

The Model 80-041 has the 80386 microprocessor running at 16Mhz. It is configured with one 1.44MB floppy disk drive and one 44MB hard drive with an optional second 44MB hard drive.

The Model 80-071 also has the 80386 microprocessor running at 16Mhz. It is configured with one 1.44MB floppy disk drive and one 70MB hard drive with an optional second 70MB or 115MB hard drive.

The Model 80-111 has the 80386 microprocessor running at 20Mhz. It is configured with one 1.44MB floppy disk drive and one 115MB hard drive with an optional second 70MB or 115MB hard disk drive.

All three Model 80 configurations come equipped with parallel, serial, mouse, and keyboard interfaces and IBM's new VGA display interface. All three configurations also support a second 1.44MB floppy disk drive.

At the same time IBM introduced their PS/2 line, they also released information on two new video display modes: Multi Color Graphics Array and Video Graphics Array.

Multi Color Graphics Array (MCGA) video mode provides up to 256 colors simultaneously displayed from a palette of 256,000 colors and 64 shades of gray in monochrome. MCGA video mode supports resolution of 320 x 200 pixels. MCGA video mode supports high resolution graphics (640 x 480 pixels) with 2 colors simultaneously displayed. MCGA video mode will support the current Color Graphics Adapter (CGA) mode of 640 x 200 pixels with 16 colors.

Video Graphics Array (VGA) video mode provides up to 256 colors simultaneously displayed from a palette of 256,000 colors and 64 shades of gray in monochrome. VGA video mode supports resolution of 320 x 200 pixels. The VGA adapter will also support 16 colors at a high resolution of 640 x 480 pixels. The VGA video adapter

will support the current video modes of Color Graphics Adapter (CGA) and Enhanced Graphics Adapter (EGA).

### Newly Approved Compatibles

AMSTRAD PC 1512  
 COMPAQ PORTABLE III  
 HONEYWELL PC AP  
 KAYPRO 16/E  
 KAYPRO PC30  
 KAYPRO 286i  
 MULTITECH 710  
 MULTITECH 910  
 MULTITECH 1100  
 NEC APC IV POWERMATE I  
 NEC APC IV POWERMATE II  
 TULIP COMPACT  
 WANG PC-280  
 XEROX 6060PC  
 ZENITH 248 SERIES

### Basic-2C Questions and Answers

- Q.** On my Novell Network running Advanced Netware 2.0 with a Basic-2C Release II Multi-user RunTime, each workstation requires the Gold Key security check. Why?
- A.** The Novell Multi-user RunTime program requires that the first user to pass the Gold Key security check be logged into the network as supervisor. After doing so, other workstations on the network will not require the Gold Key check.
- Q.** When I attempt to invoke MS-DOS using the \$Shell command, I receive sporadic results (i.e. immediate return to Basic-2C, screen I/O is performed in generic mode, Drive A: not ready error messages, etc.). Why?
- A.** When the native operating system is invoked, Basic-2C first looks for the COMMAND.COM file. Basic-2C looks at the MS-DOS system variable COMSPEC in order to locate COMMAND.COM. If the COMSPEC variable is not properly set to an existing COMMAND.COM file, sporadic problems will be encountered. The current value of COMSPEC can be inspected at the DOS level by entering the "SET"

command. Refer to an MS-DOS manual for technical details on COMMAND.COM, COMSPEC, and SET. Note: This problem can also occur in a Novell Network environment.

- Q.** On my Wang APC running MS-DOS with a Basic-2C Rev. 2.00.04 RunTime for Wang/MS-DOS, why am I not able to pass the Gold Key security check in a 1.2MB diskette drive?
- A.** Because of a bug in the Wang 2.66 BIOS, a Wang APC running MS-DOS with a 1.2MB diskette drive has problems passing the Gold Key security check. This can be corrected by installing the RTPFIX01.COM file in the AUTOEXEC.BAT file. Executing this file at boot time will allow normal execution of the Gold Key security check in a 1.2MB drive.
- Note: If you do not have a copy of the RTPFIX01.COM file on your Basic-2C Development package, contact Niakwa to attain a copy.
- Q.** When executing the Release II Multi-user Novell RunTime Program on a Novell Network using Advanced Netware 2.0, does each workstation on the network have to be a Niakwa approved compatible?
- A.** No! Not every workstation on a Novell Network must be a Niakwa approved compatible. Only the workstations which will be executing Basic-2C applications need to be Niakwa approved compatibles.

### A Novell Network Perspective

Novell Networking is becoming a very popular subject these days. For this reason, Niakwa decided a little light needs to be shed upon the subject.

The Basic-2C Multi-user Novell RunTime is supported on networks running Novell's Advanced Netware 1.0 or greater. However, Novell has found several bugs in Advanced Netware 1.02. We recommend caution to users with Basic-2C on a Novell Network running Advanced Netware 1.02 specifically.

Note: These problems have been corrected in Novell's current version of Netware: Advanced Netware 2.0. Basic-2C is supported on this version of Netware.

A commonly asked question is "What topology do you recommend?" Based upon the volume of technical support calls, ARCNET is the most commonly used configuration. ARCNET appears to be one of the easiest networks to install, and once up and running, one of the most reliable. ARCNET also affords expandability and flexibility. Performance can be improved in several ways (additional channels to the file server, adding memory to the file server to increase caching, adding file servers to the configuration, etc.). We are not suggesting one topology over another, but based on the people we have spoken with, ARCNET appears to be a popular solution.

We would also like to clarify our support of different hardware configurations. In Niakwa Newsletter 5, we printed a list of 35 networks that run Novell Netware Software. These network configurations are supported if running the correct versions of Novell Netware. The only other requirement is that the workstations running Basic-2C software be Niakwa approved compatibles.

Niakwa is very excited about the growing interest in Novell Networking. In many cases, this appears to be a cost efficient multi-user solution. Niakwa does not support Novell Netware itself, but Basic-2C running in the Novell environment. However, we are more than happy to pass along any helpful information in this area.

### Helpful Hints for First Time Novell Users

Novell Netware can be a little frightening to the first-time user. However, installation of Novell Netware has been simplified with the introduction of Novell's Advanced Netware. Most versions of Novell can be installed using the same basic procedures. Once the Novell Network is up and running, installation of Basic-2C is about a 5 to 10 minute procedure.

Note: For Niakwa's Once-Per-Day security check to be in effect on a Novell Network, the first user passing security after boot time must be logged in as the Supervisor. If not, each workstation on the network will require the Gold Key security check.

### Support of IBM Personal System/2 on Novell Netware

Novell Inc. recently took part in IBM's announcement of the Personal System/2 series of microcomputer products. Novell announced future support for the entire Personal System/2 product line. This is a significant announcement for Novell as it has become the industry standard for Local Area Networking (LAN) software.

Novell announced that current versions of Advanced Netware (2.0a) will support the PS/2 line as workstations but not as file servers. However, the PS/2 line will be supported as file servers under Novell's soon to be released Advanced Netware 2.1.

A note of caution: The PS/2 Model 30 does support existing Network Interface Cards (NIC). The Models 50, 60 and 80 use IBM's new Micro Channel architecture which DOES NOT support existing expansion boards. Therefore, the majority of the existing Network Interface Cards are not compatible with these models.

### Current Altos Status

Niakwa has approved the Altos 686 and the Altos 3086 computer systems for use with Basic-2C. Niakwa is now supporting the entire line of Altos Xenix-based computer systems which include the 686, 886, 1086, 2086 and the 3086.

### Altos 686/886

#### Hardware Requirements:

When using the Altos 686 system with Basic-2C, you will need to expand memory beyond its standard 512K of RAM. Altos has a 1MB memory expansion board for the 686 to raise its total memory to 1.5MB. The 886 comes with 1MB of RAM which is capable of running Basic-2C with two terminals.

#### Xenix Requirements:

##### Development Systems

Altos Xenix Development System—version 3.2 or higher  
 Altos Xenix RunTime System—version 3.2f  
 Altos Xenix Unlinked Kernel—version 3.2f

Note: The version of the Unlinked Kernel must match the version of the RunTime.

When using the "setup.xenix" shell script to "make" a new Xenix Kernel with Xenix 3.2f you will need to make a minor modification to one of the Xenix system files. (Refer to the documentation supplied with the Development Package Supplement).

##### End-User Systems

Altos Xenix RunTime System—version 3.2f  
 "Made" Xenix Kernel for Basic-2C using Unlinked Kernel 3.2f

#### For Systems Supplied by Niakwa

You will be supplied with the "Made" Xenix Kernel and the RunTime System when you purchase your hardware from Niakwa.

Note: Xenix RunTime and Development System version 3.2e can be used on the Altos 886 but not on the Altos 686.

#### Basic-2C Requirements:

##### Development Systems

Niakwa Basic-2C RunTime System—  
 Rev. 2.00.05  
 Niakwa Basic-2C Development System—  
 Rev. 2.00.05  
 Niakwa Basic-2C Development Package Supplement  
 4/15/87 for Xenix 3.2f on the Altos 686/886. This  
 diskette will be shipped to all Altos licensees in  
 the next two weeks.

##### End-User System

Basic-2C RunTime System—Rev. 2.00.05

#### Restriction:

The Altos 686 and 886 do not support the Wang 2200 disk format of 320K. You can, however, by the use of the "PC Interchange" format on the Wang 2200, produce a readable disk for the Altos 686 and the Altos 886 (See Note below).

Data can be ported from a PC to the Altos 686 or 886 by the use of diskimage files on diskettes (See Note below).

Data and programs can be ported to the Altos from PCs by use of a serial communications product.

Data can be ported from one Altos to another by the use of tape or diskette backups.

Note: An article detailing these procedures has been mailed to all licensees who have purchased an Altos development package and will be forwarded with all new purchases of Altos.

### Altos 1086/2086/3086

#### Xenix Requirements:

##### Development Systems

Altos Xenix Development System—version 3.2  
 or higher  
 Altos Xenix RunTime System—version 3.4b  
 Altos Xenix Unlinked Kernel—version 3.4b  
 Note: The version of the Unlinked Kernel must match  
 the version of the RunTime.

#### End-User Systems

Altos Xenix RunTime System—version 3.4b  
 "Made" Xenix Kernel for Basic-2C using Unlinked  
 Kernel 3.4b

#### For Systems Supplied by Niakwa

You will be supplied with the Made-Xenix Kernel and the RunTime System when you purchase your hardware from Niakwa.

Note: Xenix RunTime and Development System version 3.3a can be used on the Altos 1086 and 2086 but not on the Altos 3086.

#### Basic-2C Requirements:

##### Development Systems

Niakwa Basic-2C RunTime System—  
 Rev. 2.00.05  
 Niakwa Basic-2C Development System—  
 Rev. 2.00.05  
 Niakwa Basic-2C Development Package Supplement  
 4/15/87 for Xenix 3.4b on the Altos 1086/2086/  
 3086. This diskette will be shipped to all Altos  
 licensees within two weeks.

##### End-User System

Basic-2C RunTime System—Rev. 2.00.05

#### Restriction:

When using Xenix Operating System 3.3a or 3.4b, there is a bug within Xenix that causes the system to lockup when you activate the 15th and 16th user in Basic-2C. Altos is looking into the problem and working on a solution at this time.

### DNA Networking Software Evaluation

Niakwa recently evaluated DNA Networking Software from Network Development Corp. of Malvern, Pennsylvania. DNA Networking Software is advertised as a "Novell Compatible" network. Testing was performed using a Novell 1—4 user RunTime. Unfortunately, DNA Networking Software did not pass our multi-user performance tests. Unique terminal identification was not possible as the RunTime program could not recognize that a multi-user network was in use. This is a critical test when evaluating networking software. Therefore, the DNA Networking Software is not an approved operating system for the Basic-2C Multi-user Novell RunTime.

The results of the DNA Networking Software evaluation were almost identical to the results of the Multi-Link evaluation. Refer to Newsletter 5, dated August 30, 1986 for details. If you do not have a copy of this document and would like one, please contact us and we will be glad to send you a copy.



# Can You Help Us?

## We're International—But Where?

Our records indicate that we have Basic-2C licensees in the following locations:

- |                 |                 |                  |
|-----------------|-----------------|------------------|
| ARGENTINA       | FINLAND         | NEW ZEALAND      |
| AUSTRALIA       | FRANCE          | NORTHERN IRELAND |
| AUSTRIA         | GRAND CAYMAN    | OMAN             |
| BAHAMAS         | ISLANDS         | PANAMA           |
| BAHRAIN         | GUAM            | PORTUGAL         |
| BARBADOS        | HONDURAS        | SINGAPORE        |
| BELGIUM         | ICELAND         | SOUTH AFRICA     |
| BERMUDA         | INDONESIA       | SPAIN            |
| BOLIVIA         | IRELAND         | SWEDEN           |
| CANADA          | ITALY           | SWITZERLAND      |
| CHANNEL ISLANDS | KENYA           | UNITED ARAB      |
| DENMARK         | KUWAIT          | EMIRATES         |
| EGYPT           | MALAYSIA        | UNITED STATES    |
| ENGLAND         | THE NETHERLANDS | WEST GERMANY     |

To date, we have not tracked the installed location of each Basic-2C RunTime Package and are interested in learning how many different countries have Basic-2C installations. If you have installed a Basic-2C RunTime Package in a country not listed above, would you take a few minutes to fill out the following form and return it to Niakwa? Thank you.

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Mail to:  
 NIAKWA MANAGEMENT SERVICES OF AMERICA, INC.  
 The Niakwa Building  
 23600 N. Milwaukee Avenue  
 Mundelein, IL 60060 U.S.A.  
 ATTN: Jennifer Mondy

Your Name \_\_\_\_\_

Your Company Name \_\_\_\_\_

I have installed Basic-2C in the following countries not on your list:

- |          |          |
|----------|----------|
| 1. _____ | 4. _____ |
| 2. _____ | 5. _____ |
| 3. _____ | 6. _____ |