AccuMail 3.0

by Tony Curro

The United States Postal Service says that using ZIP+4 speeds
mail delivery. Going further if you use Delivery Point Bar Code
and Carrier Route you can all but deliver the mail yourself.
Getting the zip code information can be time consuming. AccuMail
is an address-matching system that improves the deliverability of
your mail.

Features of AccuMail:

* Corrects addresses with misspelled or missing components.
* Corrects missing and/or incorrect 5-digit ZIP codes.
* Adds ZIP+4 codes.
* Adds carrier route codes.
* Adds Delivery Point codes.
* Standardizes street addresses.
* Works on mailing lists in most common formats.
* Select specific records baased on criteria that you define.
* Perform single address lookups.
* Browse the AccuMail database.
* Print addresses on envelopes and labels.
* Print 11-digit barcode.
* Print USPS Form 3553 facimilies.
* Create regional databases.
* Call it from other applications (DOS only).

AccuMail comes with DOS and Windows version on one CD-ROM disk.
It is also available for both these formats in a Network version.
The program features an easy to use interface that will have you
running minutes after installation. You can use AccuMail to
lookup individual addresses, or you can have it process a list.
AccuMail works directly on ASCII delimited, ASCII fixed-field,
dBase III and IV, Alpha Four, CA Clipper, dBXL, FoxPro, Fox Base,
Quick Silver and Group 1's ArcList file formats. When using it
for individual addresses use the company name if applicable. Many
times there may be a plus 4 for an address, but a company at the
same address will have a different number.

To work with a list you select New Job from the File Menu; choose
the Mailing List option and select the format and your database
file. AccuMail will take your database file, correct street

names, add ZIP+4, and generate a USPS Form 3553. Normally, AccuMail will perform address corrections on your entire mailing list. You can create filters to select only certain records (or range of records from your mailing list) for processing.

Working with individual addresses you can search all streets within a specific zip code. You can also search secondary addresses within a given street number. For example, an office or high rise apartment building will contain multiple offices or dwellings. AccuMail, in the case of offices, will supply you with company names within a given building. For apartments it will supply you with all the apartment numbers in that dwelling. For single listing firms AccuMail will, in many instances supply you with the company name, hospital, or even Post Office at that address.

Lookup

Field	Value
Name:	Bill Gates
Company:	Microsoft Corp.
Street:	1 Microsoft Way
Suite:	
City:	Redmond
State:	WA
Zip+4:	98052 - 6393
DPC:	014
Carrier Route:	CR29

Buttons: Lookup, Browse..., AccuMail DB..., Close, New, Print, Print Setup..., Help

The AccuMail National Database, containing virtually every deliverable mailing address in the United States, is a standardized and highly compressed version of the 4.2-gigabyte United States Postal Service file. The National Database remains on the CD-ROM. However, you can select portions of the database to place on your hard drive. If you are going to be working with a specific region you can create a "regional" database to place on your hard drive. This will speed up access as you do not have to search the whole database. You specify a range of zip codes you want to work with, and the file will be copied.

AccuMail will presort your mailings to take advantage of bulk mailings. USPS requires that mailers update their ZIP+4 and carrier route code files regularly. In compliance with USPS regulations, AccuMail does not allow you to run a job or to print

the CASS Form 3553 if you use a USPS National Database that has expired.

AccuMail is released quarterly. The current version 3.0 was released January 15, 1994. It will not process the above information beyond May 15, 1994. The updates are released January 15, April 15, July 15 and October 15. Each update will work for up to 75 days beyond its expiration date.

AccuMail LAN is available with 4 quarterly updates. Price is: 5-User -- $3995, 10-User -- $5995.

SYSTEM REQUIREMENTS:

DOS
* 286 or higher CPU
* 2MB RAM
* DOS 3.0 or higher
* Hard Disk

* CD-ROM drive

WINDOWS
* 386 or higher CPU
* 4MB RAM
* DOS 5.0 or higher
* Hard Disk with about 6MB free space
* VGA or higher video
* Mouse

Product Information

AccuMail 3.0

SRP -- $295.

Quarterly
Updates -- $295.

Annual
Subscription
(4 releases) -- $1095.

Group 1 Software

4200 Parliament Place
Suite 600
Lanham, MD 20706-1844
301-731-2300
301-306-4373 (FAX)

ASCII

(American Standard Code for Information Interchange)   Pronounced "ask-ee."   A binary code for data that is used in communications, most minicomputers and all personal computers.

ASCII is a 7-bit code providing 128 possible character combinations, the first 32 of which are used for printing and transmission control.   Since the common storage unit is an 8-bit byte (256 combinations) and ASCII uses only 128, the extra bit is used to hold a parity bit or special symbols.   For example, the PC uses the additional values for foreign language and graphics symbols. In the Macintosh, the additional values can be user-defined to enhance a font.   In the Macintosh version of this Glossary, the IBM PC symbols are designed into the font used for the definitions.

BBS
(Bulletin Board System)   Computer system used as an
information source and message switching system for
a particular interest group.   Users dial into the
BBS, review and leave messages for other users as
well as communicate to other users on the system at
the same time.   BBSs are used to distribute
shareware and may provide access (doors) to other
application programs.

CD ROM
(Compact Disc Read Only Memory)   Compact disc
format used to hold text, graphics and hi-fi stereo
sound.   It's like a music CD, but uses a different
track format for data.   The music CD player cannot
play CD ROMs, but CD ROM players usually play music
CDs and have headphone and amplifier jacks.   A CD
ROM player connects to a controller card, which is
plugged into one of the computer's expansion slots.
    CD ROMs hold in excess of 600MB of data, which
is equivalent to about 250,000 pages of text or
20,000 medium-resolution images.

dBXL
dBASE III PLUS-compatible DBMS from WordTech
Systems, Inc., Orinda, CA, that features a menu-
driven option for interactive use.   See Arago dBXL.

DDE
(Dynamic Data Exchange)   Message protocol in Windows that allows application programs to request and exchange data automatically.   A program in one window can query a program in another window using the DDE protocol.

DOS
(Disk Operating System)   Pronounced "dawss."
Generic term for operating system. Versions
include MS-DOS (Microsoft), and PC-DOS (IBM).

EISA

(Extended Industry Standard Architecture)
Pronounced "eesa."   PC bus standard that extends the AT bus to 32 bits and allows bus mastering.   It was announced in 1988 as a 32-bit alternative to the Micro Channel that would preserve investment in existing boards.   PC and AT boards, which cannot plug into the Micro Channel, can plug into an EISA slot.

ISA

(Industry Standard Architecture)   Original IBM bus architecture in PC, XT (8-bit) and AT (16-bit) computers.   It has been extended to 32 bits with EISA.   Contrast with Micro Channel.

Micro Channel (MCA)
IBM bus architecture used in high-end PS/2 models,
the RS/6000 series and certain ES/9370 models.   It
is a 32-bit bus that provides bus mastering, but
Micro Channel expansion boards are not
interchangeable with PC bus boards.   Micro Channel
boards are designed with built-in identification
that eliminates manual switch settings sometimes
required with PC bus boards.

It transfers data at 20MBytes/sec and has modes
for increasing speeds to 40 and 80MB.   Future
enhancements may take it to 64 bits and 160MB.

MPC
(Multimedia PC)   Minimum specification for a
multimedia PC from Microsoft: 10Mhz 286 or higher
CPU, 2M RAM, 30M hard disk, VGA, CD ROM with audio
and Windows 3.0 with multimedia extensions.

MSCDEX Extensions
Software required to use a CD ROM player on a PC running DOS.   It usually comes with the player and includes a driver specialized for the player and Microsoft's MSCDEX.EXE RAM resident program.

multimedia
Communicating information in more than one form.
Includes the use of text, audio, graphics, animated
graphics and full-motion video.

OLE

(Object Linking and Embedding)   Microsoft Windows compound document protocol.   The "client" application creates the document; the "server" application creates an object within the document. When a user double clicks on an embedded object in a client app, the server app is loaded and the appropriate data file is retrieved.

PCMCIA
(Personal Computer Memory Card International
Association)   Organization of U.S. and Japanese
companies set up to standardize memory cards.

Shareware
Software distributed through BBS's and information services free of charge on a trial basis.   If you use it, you pay for it, for which you receive additional documentation, support or possibly the next upgrade at no cost.   Paid liceneses are required for commercial distribution.   See freeware and public domain software.

SYSOP

(SYStem OPerator) Pronounced "siss-op."   Person who runs an online communications system or bulletin board.   The sysop may also act as mediator for system conferences.

UART

(Universal Asynchronous Receiver Transmitter)
Electronic circuit that transmits and receives data
on the serial port.   It converts bytes into serial
bits for transmission, and vice versa, and
generates and strips the start and stop bits
appended to each character.

VESA
(Video Electronics Standards Association)
Organization devoted to improving graphics
standards made up of major vendors of PC graphics
hardware and software.   VESA has standardized
extended VGA, or Super VGA, modes.   See VGA.

VGA

(Video Graphics Array)   IBM video display standard built into most models of the PS/1 and PS/2 series that provides medium-resolution text and graphics. It has become the common display standard for all PCs.

    VGA supports previous EGA and CGA display standards and requires an analog RGB monitor.   Its highest-resolution mode is 640x480 with 16 colors, but vendors have boosted colors to 256.   VESA (Video Electronics Standards Assn.) has set VGA standards at 256 colors and Super VGA modes of 800x600 and 1024x768 resolutions in both 16 and 256 colors.

Windows

Graphics-based operating environment from Microsoft that co-exists with DOS. It provides a desktop environment similar to the Macintosh. Different applications, or multiples of the same application, are kept active in windows that can be resized and relocated on screen. Users can switch back and forth between them.

ComputerTalk Magazine

The International On-Line Magazine of Reviews and News

Volume 2	* Editor/Publisher *	Number 10
April	Tony Curro	1994

The HLP version of CTM created using HelpEdit by Aciran Software.

Click on Picture for INDEX

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ASP Advantage CD-ROM

by Tony Curro

If you are reading this article, you have access to a BBS.
Besides being a place to communicate, and share ideas with others
of like interests, it is also a fount of excellent programs to
use on your system. The Association of Shareware Professionals
(ASP) is the largest trade group of software publishers, with
more than 1,700 members and growing each day. Yes, there are many
non-ASP programs available, and quite a few of them are not
crippled in any way. However, the ASP standards require all ASP
authors must release full, working versions of their software.
You will NEVER find a "demo" or crippled product if it carries
the ASP logo. You will always receive full documentation, and if
there is a problem with an author (either for support, or lack
thereof), the ASP Osbudman will help you resolve your
differences.

The ASP makes new or updated products available to its many
distribution sites. They have recently started to distribute
quarterly CD-ROMs. Each disk will contain new and updated
programs from that quarter. SYSOPs will be pleased to find a
directory on the CD-ROM that will aid them in quickly making
these programs available to their users.

ASP Advantage CD-ROM comes with about 1,000 programs, from
managing your checkbook and creating a shopping list, to
cataloging you video collection and playing a game. You will find
programs for both DOS and Windows platforms. Neither of these
needs to be installed, but you will greatly speed your searches
by doing so. Each platform has its own installation program,
which is described in the README.TXT file on the CD-ROM.

For a quick start, type 'GO' from the CD-ROM drive. You can read
about the ASP, search categories, copy, and even format a floppy.
Using the 'About System' feature you can see what memory, disk
space, and graphics card you have installed. The CD- ROM also has
a Delta Directory Interface. This interface will show you only
updated or new programs since the last ASP CD- ROM. You can copy
the files in their archived ZIP format, or have them uncompressed
as they are being copied.

Files are stored in many directories. However, you need not concern yourself with this, as you highlight a file or group of files from the list, and then have the program copy them to your hard drive.   You will find the files on the CD-ROM in both compressed and uncompressed formats.

Looking over this CD-ROM I found many interesting programs, some of which I plan to review in the future. For those who do not want to spend much time online, call a BBS that does not have a large selection of current files, or if you are just starting out you will find something useful here.

I have seen several of the programs that I have reviewed in the past on this CD-ROM. The CD-ROM is attractively priced. BE ADVISED that purchasing the CD-ROM does NOT mean that you own the enclosed programs. Yes, you can try ALL of them free-of-charge, but if you use them for any length of time, say 21 days or more you should register the program with the author.   These are <u>shareware</u> programs, and since you have the opportunity to try-before- you-buy, it is no reason to abuse this privilege. The more people that register a product, the harder the author will work to create a better product. I have spoken to authors who have received dozens, if not hundreds, of requests for support, yet they only have a handful of registrations to show for their work. The CD-ROM should be available in many leading software stores, or order it directly from ASP.

SYSTEM REQUIREMENTS:

* Memory, video, etc., dependent on the program.
* MS-DOS
* MS Windows (for Windows applications)
* CD-ROM drive
* Hard disk not required (but may be needed to install larger programs)

Product Information

ASP Advantage CD-ROM
Second Edition
1st Quarter 1994

SRP -- $24.95
(+ $2.00 S/H)

Association of Shareware Professionals
545 Grover Road
Muskegon, MI 49442-9427
616-788-5131 (Voice)
616-788-2765 (Fax)

ATI Graphics Ultra Pro
Graphics Accelerator Board

by Tony Curro

ATI has been in business for eight years. They are known for award-winning graphics boards. They also have recently starting releasing modems, sound cards, etc. I took a look at their Graphics Ultra Pro VL-Bus accelerator board.

This board comes in: ISA, EISA, MCA, VLB, and PCI formats. The ISA version also includes a bus mouse. The Graphics Ultra Pro series uses the ATI mach32 graphics and multimedia accelerator chip. This chip speeds up both graphics and sound, using load-in ATI drivers provided with the card.

Features:

* ATI FlexDesk, a control panel that lets you configure color, resolution and font size all from the same driver.

* Accelerates Video for Windows and other multimedia video applications enabling you to playback video at a larger, more usable size while maintaining smooth motion and audio synchronization. You can adjust the hue, brightness, saturation and contrast of your video through the ATI FlexDesk.

* Display Power Management Signaling (DPMS) Support. Users of mach32 products that have a DPMS-compliant monitor can configure DPMS timings using the Windows FlexDesk Control Panel. For DOS users, ATI provides a TSR program.

* 26-pin feature connector.

* 2MB VRAM.

Drivers included (5 1/4" disk)

* MS Windows.
* OS/2 Presentation Manager.
* AutoCAD, MicroStation and other CAD applications.
* Popular DOS application drivers, such as: GEM, Lotus 1-2-3,
   MS-Word, etc.

Graphics Ultra Pro will work with any VGA, VESA or 8514/a driver. However, for best performance, use mach32 drivers where available.

The VL-Bus card MUST be installed in a 32-bit VESA Local Bus slot running at 33Mhz. The feature connector on the Graphics Ultra Pro VLB version is used for VGA output only. The MicroChannel card operates in either a 16- or -32-but slot. The 32-bit slot, however, will provide higher performance.

Before you install the card you should remove all memory manager programs. You can also boot from a plain DOS disk for added safety. After you complete the installation you can reactivate you memory manager. Please read the memory exclusion list in the manual to assure that there are no address conflicts between the card and memory managers.

The card performed very well in my system. I achieved WinMarks in excess of 29 Million with the Graphics Ultra Pro. I found the card reliable and stable.

Product Information

ATI Graphics
Ultra Pro

SRP -- $449.00

ATI Technologies
33 Commerce Valley Drive East
Thornhill, Ontario L3T 7N6
CANADA
905-882-2600
905-882-2620 (FAX)

BBS Distribution List

The following list is separated by area codes, and countries. For the U.S. and Canada double-click on the area code to go to that section. Fot other countries, double-click on the country name. When you go to an area, eg:212, all entries are alphabetical by BBS name. The file is in the following format:

BBS Name
SYSOP
BBS Number(s)

Main Distribution Site for CTM, as always is:

MoonDog BBS
Don Barba
718-692-2498
718-377-0768
718-692-1368

We are also available on America OnLine   (AOL). You will find issues in the DOS forum. We also have a download area in the Telcommuncating & Network Forum (keyword:telecom) on AOL, where you will find both versions of CTM.

We are also on CompuServe. Look for CTM in the IBMAPP Forum, in the Electronic Publishing download area. Search KEYWORD: CTM.

UNITED STATES

201 New Jersey
203 Connecticut
205 Alabama
206 Washington
207 Maine
208 Idaho
212 New York
214 Texas
215 Pennsylvania
218 Minnesota
219 Indiana
301 Maryland
302 Delaware
303 Colorado

304 West Virgina
305 Florida
310 California
313 Michigan
314 Missouri
315 New York
316 Kansas
317 Indiana
318 Louisiana
401 Rhode Island
402 Nebraska
404 Georgia
408 California
409 Texas
410 Maryland
413 Massachusetts
414 Wisconsin
415 California
501 Arkansas
502 Kentucky
503 Oregon
508 Massachusetts
509 Washington
513 Ohio
516 New York
517 Michigan
518 New York
602 Arizona
603 New Hampshire
606 Kentucky
609 New Jersey
612 Minnesota
614 Ohio
616 Michigan
617 Massacusetts
618 Illinois
619 California
703 Virginia
704 North Carolina
706 Georgia
708 Illinois
713 Texas
714 California
715 Wisconsin
717 Pennsylvania
718 New York

719 Colorado
801 Utah
803 South Carolina
804 Virginia
805 California
812 Indiana
813 Florida
814 Pennsylvania
815 Illinois
816 Missouri
817 Texas
903 Texas
904 Florida
908 New Jersey
909 California
912 Georgia
913 Kansas
914 New York
915 Texas
916 California
918 Oklahoma

CANADA

416 Ontario
519 Ontario
604 British Columbia
613 Ontario
705 Ontario

Other Countries

England
Finland
Israel
The Netherlands
Portugal

416 Ontario

The Bayman BBS
Bruce Hussey
698-0895

The Club Cave BBS
Colin Ricketts
796-1400

519 Ontario

Ambassador Board
Steve Henry
952-6236

Cambridge Micro BBS
Armand Michaud
621-0561

Kent County Bd. of Ed.
Martin Vanderzwan
354-8683

Late Night Diversions
Jon Vidler
332-0241

Mandate Systems BBS
David Empry
862-5663

The Rib 'n Rail
David Logan
264-2919

604 British Columbia

CompuSpec BBS
Ken Polsson
727-2362

613 Ontario

Fednet Public Access
Raymond Ouellette
233-2603

705 Ontario

Encode Online
Peter Ellis
327-7629

ShareWare SpotLight

The folks from Software Creations return. They have a new game, and a revamped version of a game previously reviewed in CTM.

God Of Thunder
v1.0

by Tony Curro

Those folks from Software Creations are back again. They have released their, in my opinion, best and most challenging game to date.

It is 927 A.D. You are Thor, The God of Thunder! Your father is Odin, the most powerful of the Norse Gods and ruler of Asgard. Odin must fall into a deep sleep, every few hundred centuries, to rejuvenate his power. While he is in one of these sleeps, your half-brother Loki, The God of Mischief, conspires with two of his cohorts to take control of Midgard (Earth), and thereby rule the world. Each of the three has set up a seat of power. You must journey to these three towns, defeat each of the Gods, free the citizens, and thereby wrest power from them and return it to Odin. You venture forth with only an enchanted hammer, which faithfully returns to he who throws it. On your journey you encounter citizens who give you clues to help you in your quest. You also face hundreds of creatures out to thwart and destroy you. Several of these creatures cannot be killed. This is the enjoying part of the game. You are faced with dozens of puzzles that must be solved. You have rocks, wood, and other articles in some screens to help you. You must figure out how to use them.

There is no violence, per se, in this game. True, you destroy opponents with your hammer. But, they turn into apples, jewels, or magic that you use throughout the game. No bloodshed. Pay close attention to what people say to you. Pick up anything you can, as it may be needed later in the game.

The game was designed to be challenging, and is more than just destroying everything in sight. You can only save one game per name, and may have to reload if you do not get something needed from an earlier screen.

The shareware version contains Part 1 of the trilogy. You journey to Spegville, where you must defeat Jormangund (the Midgard Serpent) before you can continue. In Spegville you visit the tavern, where the local barkeep can give you pointers in destroying Jormangund. Don't forget to visit the golden arches of McElroy's where you can purchase Dee-licious Golden Apples that restore your health. You eat apples to gain health, but be aware that some you pick up along the way may be poisoned.

When you complete the part, you receive a suit of armor. Then you speak to Dan, the Apple Seller (who bears a resemblance to Dan Linton, SYSOP of Software Creations) about how to complete the trilogy. Or, you can just read that information below. Either way, you would not want to stop here. Get the trilogy, and I guarantee you will not be disappointed. However, as I mentioned, this game requires mental deduction. So if you are just looking for a shoot 'em game, you may find this game a bit taxing. I was addicted to game from the moment I loaded it. Look for GOT100.ZIP or later on many BBSs, or phone Software Creations to get the latest on your first call.

SYSTEM REQUIREMENTS:

* 80286 or better CPU.
* VGA graphics card with at least 256KB video memory.
* VGA monitor.
* Minimum 1.2MB hard disk space.
* 510K available RAM.

OPTIONAL:

* Sound Blaster or compatible sound card for digitized sound effects & full musical soundtrack.
* Adlib or compatible for soundtrack only.
* Joystick in port 1.
----------------------------End of God of Thunder----------------------
-----------------------See end of file for pricing--------------------

Hexxagon II

by Tony Curro

Hexxagon II is a futuristic Othello-like game. The object is to simply have more pieces of your color on the board at the end of the game. However, even playing at the Easy level, winning this

animated game of strategy is fairly difficult.

The game can be played by two players, or you can take your chances against CRANIAC, the resident computer nerd. A light bulb icon, which changes with each level. At the hard level he is complete with bow tie and glasses. The icon does not do justice to the genius within. He is brutal at all levels of play, and will capitalize on your every mistake.

You each start with two pieces on the board. Clicking on the jewel -- which represents the piece -- you will see arrows showing you spaces you can jump, or clone yourself. The clone feature creates a new piece without removing the old one. In this fashion you can create a line or more of your pieces. Beware if you leave an open space. CRANIAC will quickly jump in, and convert your pieces to his color.

Hexxagon II has many options that you can change or set. Select two player mode, or play against the computer; have sound go to sound card, PC speaker, or turn it off; Set animation to high for some awesome screen animation; Configure Board allows you to experiment with varying game board setups, even choose one of five boards to customize to your liking.

I enjoyed playing the first release of Hexxagon, and am enjoying Hexxagon II even more. Check out either or both of these games. You will not be disappointed. Look for HEXX20.ZIP.

SYSTEM REQUIREMENTS:

* 80286 or better CPU
* VGA display
* 640K RAM, with 475K free
* Mouse and Sound Blaster or compatible sound card recommended.

Product Information

God of Thunder
(Product of CSE Games)

Hexxagon II
(Produced by Argo Games)

Both Released by
Software Creations

Reg. Version -- $29.95 + $2. S&H (GOT)
20.00 + $2. S&H (HEXX)

MasterCard and VISA accepted
for OnLine registration.

Software Creations
26 Harris St.
Clinton, MA 01510

508-368-8654 (Order Line-Voice)
508-365-7214 (FAX)
508-368-7036 (BBS)

New Grolier Multimedia Encyclopedia

by Tony Curro

We all thirst for knowledge. Browsing through a dictionary, or encyclopedia, constantly broadens our horizons. Using an encyclopedia on a CD-ROM brings the world to life. The Grolier Multimedia Encyclopedia (NGME) for Windows is such a CD. It not only brings the world to life, but makes us feel as if we are actually a part of history.

NGME contains all 21 volumes of the Academic American Encyclopedia, plus additional articles written specifically for NGME. Overall, you will find nearly 33,000 articles (more than 8,000 are new), and comprehensive indexes of all the titles, words, and multimedia features. Thousands of pictures, hundreds of maps, sound, animation, and video, to whet your appetite for knowledge. There are many additional articles written especially for NGME.

A new graphical user interface makes it easy to search or browse through NGME. The CD makes excellent use of MPC with extensive audio and visual displays.

The Multimedia Maps in NGME are animated maps. Explore:

Prehistoric and Ancient People; Exploration and Expansion; Ideas and Beliefs; Early American History; Transportation; Modern Wars and Conflicts. All are presented with narration. It is a wonderful experience. While you are listening to the narration, the map changes to coincide with the information you are hearing. You also see sidebars pop up that further highlight the events. There are over 15 maps in all to explore.

Knowledge Explorer, another new addition to NGME, contains audiovisual essays on topics such as Painting and Sculpture, Space Exploration, and ten other topics. These essays give overviews of broad topics and link them to related encyclopedia articles for further research. For example, in the Painting and Sculpture Essay you will see drawings made over 25,000 years ago on cave walls, view images created by Classic Greek artists, visit great works of the Renaissance, and much more right up to photography and post-modern art forms.

Using Find you can quickly locate the specific information you require. Sound allows you to hear anything from the Nutcracker to various birds and many other sounds.

I was pleased with the overall content, presentation, and performance of The New Grolier Multimedia Encyclopedia. Of the many that I have used, and reviewed, NGME far surpasses them all. As with any reference work, you will discover information here not found in the others, and vice versa.   On some topics one encyclopedia will give more information than another. I would prefer to own all the available reference works on the market. But, as that may not be feasible for some, you cannot go wrong with Grolier.

Grolier also makes a DOS, and Macintosh version on CD-ROM. They also offer a 30-day money back guarantee.

SYSTEM REQUIREMENTS

* 386SX or better
* MS-DOS 3.3 or higher
* MS Windows 3.1
* VGA; SVGA recommended
* Sound card required for audio
* MPC compliant CD-ROM drive (150 KB/sec sustained throughput) for optimal playback of movies and animation.
* MS Extensions 2.21 or higher

* Hard Disk with at least 1.5MB free space
* 4 MB RAM
* Printer optional
* Network version available.

Product Information

**The New Grolier
Multimedia Encyclopedia
Windows/MPC CD-ROM version
1994 Edition**

SRP -- $149.95 (limited time)

**Grolier Electronic Publishing
Sherman Turnpike
Danbury, CT 06816
800-285-4534
203-797-3500
203-797-3585 (FAX)**

Magazine Information

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Please contact me concerning reprints of articles

You can contact me on MoonDog BBS(#35)

I am also available on RIME routed to PostLink #35 in: COMMON, and SYSOP

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Tony.Curro@f713.n278.z1.fidonet.org
CIS: 73733,3305

You can also contact the editor by mail.

The magazine is free, but we will gratefully accept donations to offset cost of equipment, and time spent in producing the magazine. It is also a further incentive that people appreciate the work we do.

Send donations, information, press releases and products to:

ComputerTalk Magazine   Voice/FAX
28 Vesey Street   212-233-7718
Suite 2252
New York, NY 10007-2906

Attn: Tony Curro, Editor

News, Updates, and Upgrades

ZYXEL introduced the RS-1602E, a new rackmount system for ZyXEL's U-1496RE and U-1496RE Plus modem cards. The rackmount system was specifically designed for the demanding needs of the BBS marketplace. The RS-1602E is now available with a SRP of $799. The company is offering special SysOp pricing for the Rackmount System and the modems. These offers are availabl to SysOps in the US, Canada, and Mexico. For further information, call (714) 693-0808; BBS (714) 693-0762.

2010 SOFTWARE CORPORATION announced an enhanced version of it file-finding and management software for Microsoft Windows 3.1. Sherlock 2.0, which is now shipping for $139 for single users and $695 for a ten-station LAN-pack, allows the user to easily locate files on individual systems or across networks by utilizing 254 character file descriptions and other file access fields as opposed to relying on standard eight character file names.

BRODERBUND SOFTWARE made several announcements this month. The released the Multimedia PC version of Myst, the award-winning surrealistic adventure game designed to deliver the power and promise of multimediacomputing (CD-ROM), with more to explore than any compact disc game to date. It carries a street price of around $55.

They   also announced that their best-selling and award-winning product Print Shop Deluxe is going to CD-ROM. The Print Shop Deluxe Ensemble, available on CD-ROM for Windows, contains: The Print Shop Deluxe, PS Deluxe Companion, PS Deluxe Sampler, Business, and Comic Characters, plus a bouns of 50 graphics. You get 5 complete programs on on CD-ROM with a street price of around $80. This will give you over 1,000 graphics, 73 fonts, and more than 3,500 combinations of text shapes and styles.

COMPTONS NEWMEDIA revealed new pricing for the 1994 version of Compton's Interactive Encyclopedia for Windows and Macintosh. The company announced the new aggressive retail price of $149.95. It previously carried a SRP of $395.00. Compton's is striving to make reference materials affordable to all users.

They also announced two CD-ROMs that will ship in the third quarter of 1994: Babylon 5 - The Universal Encyclopedia, which is based on the television series, and is produced   in conjunction

with Warner Bros.; and another joint venture with Warner, John Lennon. The John Lennon CD-ROM will be available in a regular special collector's edition.

CENTRAL POINT SOFTWARE announced it will ship a native version of the popular MacTools disk utility simultaneous with Apple Computer Inc.'s introduction of Macintosh with PowerPC systems the first half of 1994. MacTools v3.0 for Macintosh with PowerPC will be the first disk utility program available specifically designed and engineered to take full advantage of the accelerated performance of PowerPC technology. It will carry a SRP of $149.95. Registered users of MacTools 3.0 can upgrade to the new release for a disk replacement cost of $9.95(plus $5.00 S/H). Upgrades from previous versions is $49.95(plus $7.50 S/H). In US, and Canada, call 1-800-964-6896.

    They also started shipping Central Point Anti-Virus 2.0 for Windows. This new version will scan compressed files, as well as disk compression formats such as STAC and DoubleSpace. It has a SRP of $129.95.

HAYES MICROCOMPUTER PRODUCTS announced the availability of ACCURA 28800 V.FC FAX (ACCURA 288 V.FC + FAX, its fastest, low-cost, data and fax modem designed for personal or home office use. The external modem is bundled with Smartcom for Windows LE and Smartcom Fax for Windows communicatons software, and is a SRP of $3399 (US) and $559 (CDN).

CINEROM,INC. announced it has begun shipping its first interactive multimedia title. The Gospels, A Multimedia Guide to the Bible, uses SoftVideo playback technology, which requires no external hardware other than a CD-ROM player and sound card to generate full-motion video. The DOS-based title retails for $49.95.

GROLIER announced several CDs that a cover a variety of subjects. 1994 Guinness Multimedia Disc of Records has a SRP of $49.95. Wyatt Earp's Old   West, due this fall, will be available for Windows/MPC and Macintosh platforms, and carries a   SRP of $49.95. Prehistoria - A Multimedia Who's Who of Prehistoric Life is shipping with a SRP of $89.95. Prehistoria will contain Knowledge Explorer Audio-Visual Essays, a feature found in their award-winning Multimedia Encyclopedia.

PAPERDIRECT has announced a new printing utility. Make-A-Booklet, using   a laser printer, PC and MAC users can transform ordinary single-sided documents into full-color, professional multi-page

booklets with copy on both sides. The package, including software and paper, retails for $49.95. Call 1-800-A-PAPERS to receive a catalog, or to place an order.

WORDPERFECT made several DOS announcements this month. They have announced WordPerfect 5.1+ for DOS, an upgrade to WP 5.1 for DOS targeted at users on lower-end machines who want new functionality but lack the hardware for WP 6.0. The   upgrade price has been reduced to $49.95, and is   scheduled to ship the end of March, 1994.

   Also released was WordPerfect 6.0b for DOS. WP 6.0 for DOS users can get the new release for price of disks and shipping. Call 1-800-321-4566.

Opening Format

This month I would like to start off with an apology. Last month I asked readers to leave a message to the forum moderator at America OnLine. My magazine was up, and they just as quickly removed. I do now have a download area in the Telecom Forum. The creation of the area was due to the help of Glenn Brensinger. However, Glenn can only do so much. The rest is up to AOL. They will do it at their speed, and is no reflection on the job Glenn is doing. I was in contact with several companies and told them, rightfully so, that the files were available. They called me back to tell me they could not find them. Yes, they were removed as stated above. My credability was not that great. So I took the stand I did here. When I called to upload the last issue, I found in the interim the area had been created. So, once again I would like to apologize to Glenn for any undue problems it may have caused.

Spring is here, and with it some hot reviews from CTM, especially in the shareware department. This month we look at:

Hardware: ATI Graphics Ultra Pro, Practicard PCMCIA fax/modem.

Software: Q&A for Windows, Winfo Pro for Windows. We also look at a company that will reproduce your signature.

CD-ROM: Grolier Multimedia Encyclopedia, AccuMail, Tetris Gold, ASP Advantage.

Shareware: Releases from Software Creations.

In coming months, I have the new Hayes Accura 288 Fax/modem, HP DJ560C color printer, Norton Utilites 8.0, Norton Desktop for Windows, PC Tools 2.0 for Windows, PC Tools 9.0 for DOS, and much more.

We are nearing the end of out second year online, and the future is looking very bright. We are around 300 BBS that receive CTM each month, and have noticed a huge number of downloads on AOL. We are also on CompuServe, and working on getting access to the Internet. I have already received an inquiry from Italy wishing to distribute CTM there if they could get it from the Internet. Hopefully they will be able to soon.

Until next month.

Tony Curro...

DISCLAIMER

The information provided in this magazine are the opinions of the author whose name appears at the top of the article.

We do not wish to discredit a product, company, or   author of said product. The software reviews are based solely upon the opinion of the author of the review, and his or her experiences from using the product in question.

We further assume no liability from any problems or dissatisfaction that a user may have from a product that we have reviewed in our magazine.

The News, Updates, and Upgrade column is not an endorsement of any product. It is presented solely for information purposes.

 Tony Curro, Editor - ComputerTalk Magazine.

Sign In

by Tony Curro

Every letter we send out has our signature on it. If you send out a multitude of letters, the amount of time you spend signing your name, not to mention the cramps you may experience, can cost you money.

Orbit Enterprises has the solution to your problem. Mail them your signature and they will return either a TrueType font for Windows, a HP LaserJet format font for DOS or both. These are digitized signatures. What is a digitized signature? The answer from Orbit: A digitized signature is a person's hand-written signature that has been reproduced in its identical form with a scanner. It can be used within any computer software programs, giving the impression that your letters and documents have been personally signed. Your digitized signature can be stored on a computer disk until needed, then can be easily inserted into documents that are printed on your laser printer to save time and effort.

I received the Windows TrueType font. Installation was quick following the simple instructions provided. Within minutes I added my signature as a permanent part of a template I use in MS Word for Windows. I just print a letter, and place it in an envelope ready for mailing. No more having to sign the letter. I find it extremely useful for those times when I cannot actually sign a document. I use   WinFax Pro, and a fax modem. When I fax someone from my computer, I cannot sign the letter or note. With my signature as a font, I NEVER have that problem, and the document looks as if I used a stand alone fax machine to send it.

Signatures are usually processed within three working days from the time Orbit receives it. However, you can have it done overnight by sending it to them that way, and paying the additional shipping charges.

Orbit does more than signatures.   You can have an image scanned, or even several lines of text. Lets say you wanted to add a personal touch to letters, by having a line such as: We always wish to please our customer, and then your signature. Orbit charges each line as a signature, so in this case of two lines you would pay at the rate of two signatures. If you have multiple

signatures Orbit will give you a discount. You can also save by creating both a DOS and Windows version of your signature or saying.

I was extremely pleased with the quality of the returned signature I received from Orbit. If you are not satisfied, they offer a   30-day, money-back guarantee.

Product Information

Signature Fonts

HP LJ for DOS
1 @ $75

TrueType Windows
1   @ $95

Phone for quantity pricing

Orbit Enterprises, Inc.
P. O. Box 2875
Glen Ellyn, IL 60138

800-767-6724
708-469-3405 (Voice/Tech. Support)
708-469-4895 (FAX)
708-469-4850 (BBS)

England

The Dog & Disk Drive Pub
Jan Kmiecik
+44-71-587-5180

[D] Islington BBS
Edward Cowling
+44-71-359-3121

The Schizophrenic Wolf BBS
Matthew Smalley
+44-77-245-6526

[Finland](#)

Niflheim BBS
Kurtis Lindqvist
+358 (9) 28/17924

Israel

Devil BBS
Andrei Brandes
+97-23-559-7740

The Netherlands

Enterprise BBS
L.H. Judkins
+31-5-950-3933

HBBS Amsterdam
Patrick Goosen
+31-20-619-6789

Portugal

The Mail House
Carlos Santos
+35-11-989-0140

Skyship BBS
Mario Pozzetti
35-11-315-8088
35-11-315-1435
35-11-315-1436
35-11-315-8087

PractiCard 144

by Tony Curro

Computers are getting smaller and smaller. We now have some that fit in the palm of your hand. Devices to use in them also have to shrink. I recently looked at a modem that could fit in my wallet. As a matter of fact it is about the same size as a credit card. Don't let the size fool you, as this is one powerful modem. The modem measures 3.4" X 2.2" X 0.2".

Practical Peripherals, maker of award-winning modems, has PractiCard 144 modem with fax. This modem supports the PCMCIA 2.0 standard, and is compliant with Type II and III laptop computers, as well as palmtops. The package includes both DOS and Windows software for communications as well as faxing.

I tried it with the built-in communications software in my computer. I plugged the card in and ran my software. It worked perfectly right out of the box. It has a connector that plugs into the modem after it is installed on your computer. You then plug your phone line into this cable. For palmtops, that have only one slot and therefore limited storage capability, the software was not able to be installed. For those units that have a built-it hard drive, or two PCMICA slots this is not a problem. I was still able to send faxes by downloading a small piece of fax software that is available on Practical's Forum   on CompuServe.

Features include:

* QuickLink II Data/Fax software for Windows and DOS.
* 14400BPS v.32bis DATA transmission
* 14400BPS send/receive fax
* v.32bis, V.42bis data compression, V.42 error control.
* DTE rates up to 115,200bps
* Transfers alphanumeric numbers to their numeric equivalents.

PractiCard 144 has an internal 16550 UART, and has six pages of on-line help in the card's ROM. This modem is as powerful as it's desktop counterpart, and has many of the same features you expect in a fax modem. These include: Broadcast faxes, send/receive log, auto dial/answer, import/export text and graphic files.

PractiCard 144 saves batteries by drawing less than 20 milliwatts in it's software-controlled "sleep" mode. With many of these devices it is advisable, where possible, to use your system's AC power supply. Also, you many consider removing the modem from the unit when not in use.

PractiCard 144 comes in a protective case, and has a Limited Lifetime Warranty.

Product Information

PractiCard 144

SRP -- $349.

Practical Peripherals
375 Conejo Ridge
Thousand Oaks, CA 91361-4928
805-497-4774
805-374-7272 (FAX)

Q&A 4.0
for Windows

by Tony Curro

Symantec has a long history with Q&A. In 1985, Q&A 1.0 for DOS
was released. It quickly set the standard for flat-file databases
with its natural language interface and integration of a complete
word processor for mail merges. Yes, I remember it well. I
purchased that first version. Selecting fonts in Q&A Write was
not as easy as it is today. Then again personal computing was
still in its infancy, and many things were not as easy as they
are today.

Q&A 4.0 is the   third major release, but Q&A 4.0 for Windows is
the first major release on that platform.

A complete installation of Q&A 4.0 for Windows requires
approximately 20MB of hard disk space. This includes Q&A Write,
tutorials and templates. You can select a custom installation to
install only the features you want.

Q&A will import dBASE, Paradox, and other files. You only have to
select import, give it a Q&A filename, and import. If the Q&A
file does not exist you are asked if you wish it to be created.
You will then see the import fields. You do not have to create
them. Just select them, and the file is imported.

Q&A for Windows is network-ready and requires no additional
effort to install. It is also fully interoperable with Q&A for
DOS. In a mixed DOS/Windows corporate environment, workgroups can
share the same Q&A databases and access them concurrently from
either platform over a network. This also makes the switch from
DOS to Windows painless.

The Windows version retains many of the features of the DOS-based
product. You still have the familiar spreadsheet view. Options
have been simplified by the inclusion of a button bar in the
Windows version. Many of the features and options are quickly
selected by a mouse click.

Q&A Write has also been improved. Along with standard features
found in all word processors, it includes a built-in outliner,
spell checker and thesaurus, a table generator, <u>OLE</u> and <u>DDE</u>

support, fax and electronic mail enabling, automatic envelope creation, editable page views, a customizable tool bar, graphic frames and more. The mail merge features have also been enhanced.

You can generate a variety of reports, create freeform reports and forms, select from pre-defined Avery labels, or create your own in a graphical environment. Add a picture field to any form, and even have different colored text.

Another new addition to Q&A is DAVE (Do Anything Very Easily). Q&A first had intelligent assistant in its first release. This allowed you to search for things using plain English phrases. Now DAVE is here to assist you. He will also search for things as described above. Or use DAVE, your scripting assistant, to create scripts for repetitive database tasks using the same easy English interface.

Overall, Q&A for Windows is a pleasure to work with. Its ease-of-use coupled with the built-in Q&A Write, make it a good choice.

Product Information

Q&A 4.0
for Windows

SRP -- $249.95
(cross-grade
available for $89.95)

Symantec Corporation
10201 Torre Ave.
Cupertino, CA 95014-2132
408-253-9600
408-253-4092 (FAX)

SYSTEM INFORMATION

Unless otherwise noted, the following equipment is used in all testing, for hardware and software, that appears in the magazine:

486DX2/66 VL-BUS Motherboard
Diamond Viper VL-BUS Video Card
8 MB of 80ns SIMMS
Quantum IDE drives
NEC CDR74-1 CD-ROM drive
Sound Blaster 16 ASP
Sony MultiScan HG monitor
Bernoulli Dual 44
Colorado   Jumbo 250
ZyXEL U-1496E modem
HP LaserJet IIP printer
UMAX UC630 color scanner.

Software always present:

4DOS v5.x
MS-DOS 6.x
QEMM v7.x
MS Windows 3.x

Tetris Gold
CD-ROM

by Tony Curro

The best thing to EVER come out of Russia was Tetris, although caviar and vodka should be right up there. However, Tetris is non-fattening and does not contain alcohol. It is   the best choice over the other two and is much cheaper. Tetris is habit-forming though. Once you start playing it you keep saying, "One more game, just one more, just one more..." I was hooked the first time I played the original version. Since that time there have been many Tetris-like games available both commercially, and via shareware. Spectrum Holobyte, the original releaser of Tetris has even brought us several sequels (more later).

To celebrate the 5th year of Tetris Spectrum has released a Special Commemorative Edition CD-ROM named, Tetris Gold. This CD-ROM contains games for three platforms: MS-DOS, Windows, and Macintosh. In addition it contains the complete Tetris line released by Spectrum Holobyte, the never before released MS-DOS prototype of Tetris,   and a special 10-minute interview with Alexey Pajitnov, the Russian creator of Tetris.

Tetris, and its sequels, is a simple, yet challenging game. For those not familiar with it, the concept is to form rows of blocks. As you form a row, it is removed and you are awarded points. You must remove a specific number of rows before you proceed to the next level. With the sequels, each game has a different theme, but the same basic concept. Some of the games support sound cards. The CD-ROM includes online manuals for all the games.

The Tetris Gold CD-ROM collection includes the six versions of Tetris, and the MS-DOS based prototype. Below is a description of the games of Tetris, and the platforms supported for the games. Not all platforms supported for all games.

* Tetris (MS-DOS, MAC), the original game that started the craze. Manipulate blocks to form complete lines. The pieces fall faster with every new level, and there are 10 levels to play.

* Welltris (MS-DOS, MAC), the first sequel. Pieces   fall into a four-sided well with grid-like walls and bottom. Moving pieces
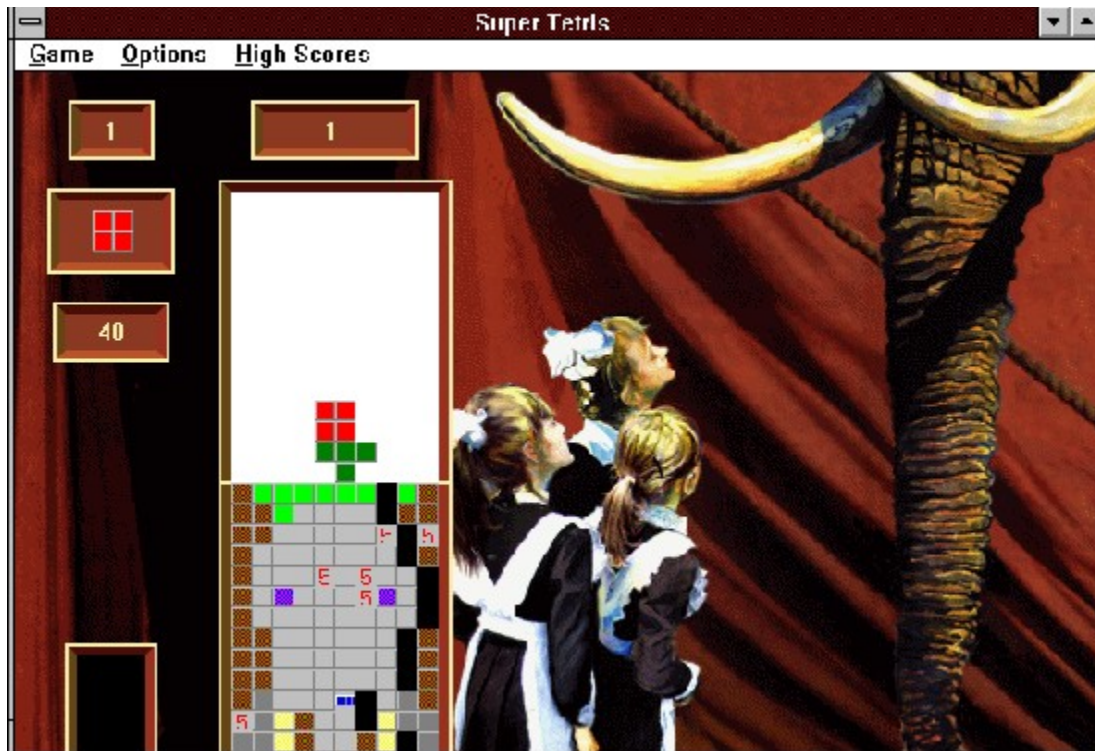
may be rotated and moved from wall to wall within the well. Earn points by forming solid rows either horizontally or vertically on the bottom of the well.

* Faces...Tris III (MS-DOS, MAC), is slices of peoples faces: chins and lips, eyes, and head. You must stack the pieces in proper order from chin to forehead to earn points.

* Wordtris (MS-DOS, MAC), has players manipulate single letters that fall from the top of the screen. The objective is to form words with letters that have already fallen. Wordtris recognizes over 60,000 words. More points are awarded for longer or more complex words.

* Tetris Classic (MS-DOS, Windows), is the original updated with brilliant VGA graphics and enhanced game   play. It features dual-pit competitions and double-wide cooperative games. Classic also features beautifully rendered graphics depicting Alexander Pushkin's famous fairy tale Ruslan and Ludmilla and a soundtrack based on the opera.

* Super Tetris (MS-DOS, MAC, Windows), contains the familiar falling squares will presenting explosive new challenges. Work your way through deep scrolling pits filled with falling bombs and hidden treasures. This version includes two-player modes and timed games.

As a Tetris addict, I highly recommend this CD-ROM to everyone. You are getting six games with multiple platform support, which assures you of being able to play it almost anywhere, and a price that is just about what you would normally pay for one   or two games.

SYSTEM REQUIREMENTS:

DOS
* 80386-16MHz
* 640K RAM
* DOS 5.0 or later
* Hard Drive
* VGA
* Mouse
* CD-ROM   drive
* Joystick, Sound Card (optional)

Windows
* Windows 3.1 or later
* 2MB RAM
* VGA
* 80386-25MHz, Super VGA, Sound Card (optional, but best for optimal

performance)

Macintosh
* 4MB RAM
* System 7
* Hard drive
* CD-ROM drive

Mac Plus or later for black-and-white graphics. Color Mac requires 256-color graphics (color also needed for video interview). Sound effects and music not compatible with AV models.

Product Information

**Tetris Gold
CD-ROM**

Approx. Price   -- $48.

**Spectrum Holobyte
2490 Mariner Square Loop
Alameda, CA 94501
510-522-3584
510-522-3587 (FAX)**

[201 New Jersey](#)

Lightning BBS
Ricardo Rodriguez
483-5141

RemoteHost BBS
John Schumacher
539-4544

The T.E.R.N. BBS
Scott Drake
399-4772

[ ](#)

203 Connecticut

[D] = Distribution Site

[D] ModemNews Express
Jeff Green
359-2299

[D] Reverse Polarity BBS
Bill Arlofski
620-0001 620-0182

Fun Investing BBS
George Meno
834-0490

UniPeg BBS
Ken Miller
449-1604

205 Alabama

Power Window! BBS
Cyrus Cathey
881-8619

[206 Washington](#)

The Sports Complex' Network
Derek Lyons
692-2388

207 Maine

Northern Maine BBS
David Collins
496-2391

208 Idaho

The Third Millenium
Jim Fromm
664-2983

[212 New York](#)

[D] = Distribution Site

[D] First Prince Marketing
Ron Janorkar
22 Prince St
New York, NY 10012
Voice: 334-1243
Fax: 334-1245
(Special Distrbution)

[DW] Poetry In Motion BBS
Inez Harrison
666-6927

Aardvark BBS
Patrick Lee
496-8324

AmerIServe
David Shapiro
876-5885

City People
Barry Weiser
255-6656

File-Link BBS
Michael Costa
777-0224

The Game Line BBS
Ken Zigeler
974-3925

HQ RBBS
Bob Kurtz
852-0419

The Invention Factory BBS
Michael Sussell
431-1194

Molecular Beam Laundry BBS
873-3559

The Nice Guy's BBS
Sam Pollack
737-6192

The No Carrier BBS
John Caden
888-1168

PosterBoard Network
Thomas Murphy
685-8309

Thunderdome BBS
Robert Forgione
567-2509

WiseByte BBS
Ron Chibnik
962-1920

214 Texas

Archive On-Line

406-8394

PC Help BBS
Duke Ducote
680-2693

The Lunatic Fringe BBS
John Stewart
422-2936

The Old Poop's World BBS
Sonny Grissom
613-6900

OmniVerse Info. Services
Gene Schoepp/Michael Selby
235-5162
235-5163
235-5832
235-5833
235-5834

The Planet BBS
Rick Wadatz
306-8269

Robin's Egg BBS
Rob Dingwall
964-8726

Sunlight Through the Shadows
Joe DeRouen
620-8793

215 Pennsylvania

Perry-I Host Systems BBS
H. Perry Stephens Jr.
698-7677

The Unnamed BBS
Mike Logan
540-0141

218 Minnesota

Merrifield PC BBS
Gilbert Pence
829-6340

219 Indiana

The Dock BBS
Cindy Duryea
848-7200

301 Maryland

[D] = Distribution Site

Old Timers BBS
Mike Reshetar
645-1049

[D] The Running Board
Bonnie Anthony
229-5623

SMCIS
Buggs Bugnon
862-3160

Top Gallant BBS
Lou Dennis
595-3799

[302 Delaware](#)

The "US" Project BBS
Walt Mateja
529-1650

303 Colorado

Sun Mountain BBS
Mead Himelstein
665-6922

304 West Virginia

The Cat Eye BBS
Sue Moore
592-3390

Snowshoe BBS
Milton Midgett
572-2531

305 Florida

The Looking Glass BBS
Kenneth Wiren
346-8524

310 California

The Great Escape BBS
Dennis Kluender
676-3534

313 Michigan

The Refiner's Fire
.S. Morris
664-0437

314 Missouri

SLACC Stack BBS
Noel Moss
367-1903

Support U. BBS
Patrick Grote
227-6746

315 New York

[D] = Distribution Site

[D] Dots-N-Dashes
John Meyer
642-1220

[D] Late Night BBS
Carter Downer
564-5700

SeaBIN BBS
Ken Yinger
773-2099

The Second Foundation
Lee Cliff
v.32/14.4   393-6545
                    393-6494
USR DS/14.4   393-6504
USR HST/14.4   393-0872

316 Kansas

The Jet Stream !
Brian Stockton
788-9913

[317 Indiana](#)

HearthStone BBS
Don Adams
831-9227

Portal To Infinity
Anthony Bisesi
887-6043

Subspace BBS
Darrin Walton
921-4122

The Windraker II
Robert Thompson
569-1220

318 Louisiana

PUMA Wildcat!
Chuck McMillin
443-1065

401 Rhode Island

Cyber Zone BBS
Glen Morehead/Bob Fayne
732-0258

[402 Nebraska](#)

The Badger's BYTE
Dick Roosa
376-3120

Onwards And Upwards
Merlin DePeel
553-7390
553-7251

[ ](#)

404 Georgia

The Data Dimension
Ricky Lacy
921-1186

Thompson Towers BBS
Raeann Thompson
941-0746

408 California

Berryessa Central BBS
Mark Shapiro
946-5642

Higher Powered BBS
Bob Jacobson
737-9447

My Scummy Run-Down Hovel
Eric Rinker
578-7954

[409 Texas](#)

MagicLand
P. Peng
762-6981

The Tech Resource BBS
Larry Lesher
892-1977

[ ](#)

[409 Texas](#)

410 Maryland

Community Service Network
David Boan
820-6734

Doppler Base BBS
Dan Myers
922-1352

Eastern Shore On-Line Services
Ben Hammock
827-6725

The Lion's Den BBS
Nick LaBrie
758-4023

The Puffin's Nest
Dave Bealer
437-3463

413 Massachusetts

Signal Hill BBS
Ed Thompson
782-2158

414 Wisconsin

[D] = Distributiion Site

[D] EXEC-PC BBS
Bob Mahoney
12/2400   789-4210
14.4/V32 789-4360
HST   789-4352
CompuCom 789-4450
V-Series 789-4315

[415 California](#)

Bun's BBS
Bundy Chanock
756-5098

Lincoln's Cabin
Steve Pomerantz
752-4490

Uncle "D"s Directory
Dave Spensley
364-3001

501 Arkansas

The CANUG BBS
Eric Lentz
682-1722

502 Kentucky

TrekKy! BBS
Rick Alvey
762-6963

[503 Oregon](#)

Blue Lake System
Mark Adkins
656-9790

Chemeketa OnLine
Bob Hunter
393-5580

The Exchange Club
John Hieb
659-4603

[ ](#)

508 Massachusetts

[D] Distribution Site

Baseline
Steve Keith
535-0446

[D] The High Society BBS
Chuck Frieser
927-6712
927-6951

[D] Software Creatioons
Dan Linton
2400   365-2359
16.8   368-4137
V.32/v.42 368-7036

509 Washington

One Stop PCBoard
Gary Hedberg
943-0211

513 Ohio

Modem Zone
Don Cheeks/Lana Fox
424-7529

516 New York

Dragon's Den
R. Sattler
285-0555

J & J BBS
Jessica Kuzmier
385-4356

NorthSea
Timothy Doran
283-9631

PC BBS
D.K. Lee
795-5874

PC Info System
Peter Whitelaw
733-6492

Utopia Tech BBS
Bob Glasser
579-7507

517 Michigan

Wolverine BBS
Rick Rosinski
695-9952
695-9953
695-9937
695-9863
695-9864

518 New York

Integrity OIS
Dan Ginsberg
2400   370-8756
14.4   370-8758

602 Arizona

Babble BBS
Dane Beko
292-6576

Paradise BBS
Dennis Bradley
435-6546

Terrestrial BBS
David Ray
945-8416

603 New Hampshire

Leo Technology BBS
Eric Poole
432-2517

The Photography Studios BBS
Dr. Douglas Bourdon
672-4433

606 Kentucky

Novus Magnificat
Kevin Redden
297-2820

609 New Jersey

The Club
D. Ebrahim
748-1728

Don's BBS
Don Sharp
435-1663

InfoNet BBS
Bob Fehn
628-4311

Online In D'Hood
Eddie Hicks
645-7080

The Radio Wave BBS
Tyler Myers
764-0812

TAO BBS
Bob Watson
587-2672

Triple Play! BBS
Jason Reynolds
266-0962

[612 Minnesota](#)

DRAGnet
Gordon Gillesby
753-1943

614 Ohio

ASA CompuHelp BBS
Jeff Binkley
476-4058

Southeastern Ohio Computer Society
Jeff Voytko
432-2899

616 Michigan

Ryan's Bar BBQ
Thomas Ryan
456-1845

617 Massachusetts

Boston Gas BBS
Jon Anderson
235-6303

[D] Channel 1 BBS
Tess Heder/Brian Miller
12/2400   354-7077
16.8 HST   354-3137
CompuCom   354-4443
14.4/v32   354-5776
Telebit   354-0470

MMS Online
Bill Good
893-2170

618 Illinois

Parameters
Bob Pauls
549-8448

619 California

The Big BBS
Dan Walker/James Baker
773-5572

703 Virginia

Nexus BBS
Connie Andrews
898-7205

The No Name BBS
Robert Miller
754-0884

Pen and Brush BBS
Lucia Chambers
644-6730

The Royal Flush BBS
Marion Royal
361-4872

Sidewayz
Paul Cutrona
352-5412

The VideoPro BBS
Tom Hackett
455-1873

The Virginia Connection
Tony McClenny
648-1841

The Warped BBS
Rick Welshans
941-4041

704 North Carolina

The Exchange BBS
Ron Alspaugh
342-2333

706 Georgia

Hi-Tech Gateway BBS
Dick Stein
694-3295

708 Illinois

Blood and Guts
Steve Strunk
969-9380

Greenhills Software
Jeff Parrish
731-1017

713 Texas

MyNew BBS
Roger Williams
726-0441

714 California

Computer Corner
Alan Shoemaker
683-3367

Infomat BBS
Michael Gibbs
492-8727

Lake Forest BBS
Joe S.Y. Hsu
770-0728
770-5877

Next Stop The Twilight Zone
Terry Raley
879-4052

[715 Wisconsin](#)

The Byte Shop
Jerry Morgan
832-7961

The Crypt
George Goza
234-3376

The Point BBS
Tom Lehner
345-1327

[](#)

717 Pennsylvania

Bits 'N Bytes BBS
Bryan S. Leaman
HST 757-4141
DS 755-9445

718 New York

10:30 BBS
Andrew Rosenthal
762-1030

AmJet BBS
AmJet
837-4548

Black Box II
Ray Zak
966-7651

The Bravo BBS
Michael Swannick
439-3116

Computec Data Systems
Rik Line
983-9152

Devastation BBS
L. Casas
892-0187

Dorsai Embassy
Jack Brooks
729-5018

Dynamis HQ BBS
Brian Cummings
966-6840

[D] Fordham Jesuit BBS
Fr. Nick Lombardi
817-5500

The Great American BBS
D. Walsh
948-0152

Greek Isles BBS
Tony Kolokithias
424-1696

Holman's World
Michael Holman Sr.
529-8890

Jeff's BBS
Jeff Lynch
945-4272

Jim's PC Paradise BBS
James Symbouras
458-0502

M.A.D.H.O.U.S.E. BBS
Joe Johnson
893-2318

Maria's Castle BBS
Maria Perrone
746-6362

Mega-Source BBS
Steve Laris
545-3990

N.Y. Amateur Computer Club
Hank Kee
539-3338

The Next Generation BBS
Anthony Monti
236-8105

The Personal Connection
Ronald Regan
444-2145

Queens Software Exchange
Emil Strunk
628-6661

[D] The Running Board (B)
Howard Belasco
654-1349

The Shadowhawke's Den
Heffrey Fleischer

284-5769

Systematic BBS
Mufutau Towobola
716-6198

Trans-Continental
M. Swannick
439-3116

The Treasure Chest
L. Mitchell
525-5610

Variations BBS
Michael Gayda
335-0978

719 Colorado

The Monument Board
Jerry Shifrin
488-9470

801 Utah

The Brass Cannon
Blaine Binkerd
226-8310

Utah Data Link BBS
Mario Giordani
943-4616

803 South Carolina

[D] Bedrock Cafe
Michael Dodge
899-6940

The Difference Engine
Patrick Nobles
576-7194

The Glory Bound BBS
Ken Kirkley
592-5208

The New World BBS
John P. Jones
795-9350

804 Virginia

C. Pro Run
Joseph Spinelli
583-0503

805 California

The Seaside BBS
Les Jones
964-4766

The Twilight Zone BBS
Robert Ayers
258-0413

The Wetspot
J.L. Baker
736-7066

812 Indiana

KA9LOM Ham Shack BBS
Mike Anderson
428-3352

The Northern Ghetto! BBS
Dean Becher
867-7675

Paradise Connection BBS
Stan Brown
925-7864

813 Florida

The City of the Setting Sun
Greg Jones
960-5169

Syl*la*bles
Curt Akin
482-5276

Tech Data Connection
Dan Kyburz
538-7090

814 Pennsylvania

Darby Research Systems
Barry Walters
825-7905

The Express BBS
Bob Denman
362-6546

The SineWave BBS
David Perkowski
234-2117

815 Illinois

Corporate Headquarters BBS
Bob Neal
886-3223
886-9381

816 Missouri

[D] Abiogenesis of K.C.
Scott Lent
734-4732

817 Texas

The Blue Mustang BBS
Mark Wariner
589-1517

Renaissance BBS
David Pollard
467-7322

903 Texas

Maranatha BBS
Leroy Smith
465-4022

904 Florida

The BatCave BBS
Sidney Moore
573-2610

The Bates' Motel
Philip Canterbury
453-8993

Dreamland BBS
Ron James
837-2567

Jim's Place
Jim Loos
757-0281

The Night Owl BBS
Kim Castor
472-5714

Rendezvous
Thomas Goldsmith
243-6157

The Triad BBS
Donn Nieder
385-9057

908 New Jersey

Kendall Park PCBoard
John Reinke
821-8015

909 California

Graphics Unlimited BBS
Roger Langgston
862-5319

912 Georgia

The Savannah BBS
Michael Herrin
920-8070

913 Kansas

The Nest Egg BBS
Tom Frye
492-2739

914 New York

Go Diamond! BBS
C. Brewington
665-1725

Node 66 East BBS
Brian Buffell
352-6121

915 Texas

Kilroy's Zer0 BBS
Al Forte
2400 530-0227
14.4 530-2610

916 California

D&R BBS
Rob Charney
621-1373

[D] The Racers Net
Robert Holmes
546-2096

918 Oklahoma

Solid Rock BBS
Ron Hossack
785-9176

The Hub BBS
Warren Farrimond
627-0923

Winfo Pro
for Windows

by Tony Curro

Winfo Pro is a personal information manager (PIM). It will manage your phonebooks, both personal and business, and allow you to dial an entry. It also contains a calendar, to do list, and several database formats to keep track of many other things. You can inventory your valuables; catalog your videos, music collection and software library; make a shopping list; store recipes, and much more.

Installation requires little disk space. Once started you will have the sample phonebook on screen. You can change the view of this and all the other screens that you see. View personal or business contacts, or both.

Using Winfo Pro's Design feature you can fully customize your databases. Create your own, or change one of the existing databases. Add or delete fields, set up the screen to your specifications, even change text font and color, and background screen color.

Winfo Pro comes with: predefined Phone Book and Address Manager, Calendar with integrated To Do Lists, Alarms, Customizable Views, Reports, and Screens, plus much more. In all there are 11 predefined databases. Alarm features several dozen sounds that will play to remind you of an event. Hear anything from 1812 Overture and Oh Christmas Tree, to Wedding Song and Marsellaise.

Create New Database

Filename	
Description	

Definition File:

ACCOUNT	**Account List**
INVNTORY	House Inventory
MAILLIST	Mail List Default
MUSVID	Music and Video Default
PHONE	Phone Database
RECIPE	Recipe Default
REPAIR	Repair
RESTRNT	Favorite Restaurants
SALES	Sales List Default
SHOPPING	Shopping Default
STOCK	Stock Default

Ok   Cancel   Help

The program supports color printing, and has extensive printing capabilities that include: Saddle Stitch Phone Books, Daily Planners, Rotary cards, Labels, Envelopes and more. This makes taking along any of your information very simple.

Winfo Pro has DDE link support to WinFax Pro. This means you can use any phone numbers from Winfo directly in WinFax Pro.

Other features of Winfo Pro include:

* Custom Envelopes
* ASCII import and export
* OnLine Help
* Mail Merge capabilities
* Custom Printer Fonts

SYSTEM REQUIREMENTS:

* MS Windows 3.1
* 3.5" HD drive (5.25 disk available)
* Mouse
* 1.5MB disk space
* Optional: modem for Auto Dialer

Product Information

Winfo Pro

for Windows

SRP -- $69.95 (introductory)

WinWare Inc.
4665 Lower Roswell Rd   #9
Marietta, GA 30068

800-336-5985 (ORDERS)
404-993-3201
404-993-2351 (FAX)

Glossary

A

ASCII

B

BBS

C

CD ROM

D

dBXL
DDE
DOS

E

EISA

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ISA

M

Micro Channel (MCA)
MPC
MSCDEX Extensions
multimedia

O

OLE

P

PCMCIA

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Shareware
SYSOP

U

UART

V

VESA
VGA

W

Windows