

VISIONS

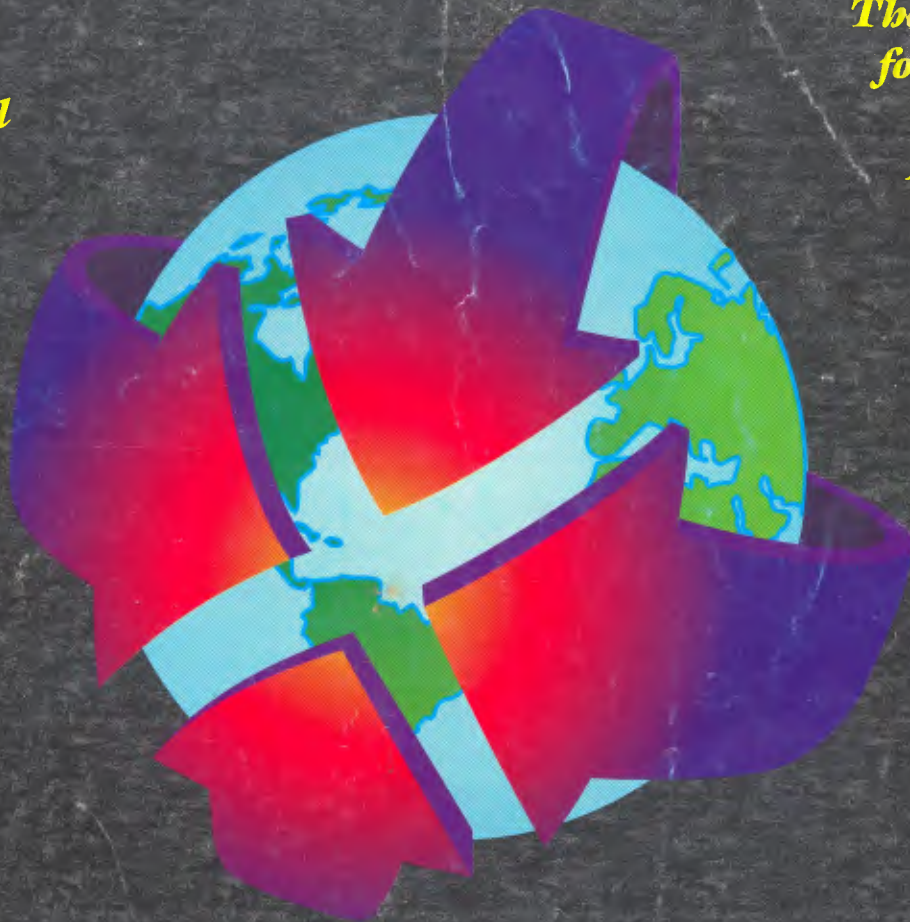
News and information for bringing your vision online
Summer 1995

The Worldgroup Era Begins...

*Introducing
the world's
most powerful
client/server
online
platform*

*Free
multimedia
extensions
included
with
Worldgroup*

*ICO supports
outdialing
via telnet and
finger client
and server*



*The Major BBS
for UNIX now
available for
Linux, SCO,
Solaris, and
BSD/OS*

*New Sysop
program
created
with
Motorola*

*Service-driven
NIS division
helps bring your
vision online*

Major Agenda

System/Personal Information Manager

**ONLY
\$149**



- Maintain up to one(1) year's worth of public and private events with Major Agenda's easy to use calendar format.
- Categories and category filters allow for easy topic segregation.
- Logon notification available for up to 15 pending events.

MAJOR AGENDA

(c) 1994, ProDesign, Inc.

Current Filter

All Categories

March

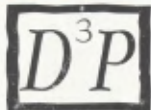
Tue	Wed	Thu	Fri	Sat
	1	2	3	4
7	8	9	10	11
14	15	16	17	18
21	22	23	24	25
28	29	30	31	

* or * represents Today's Date
! indicates a Scheduled Event

- <1,31> - Select a Day
- <M> - Change Month
- <L> - Toggle Logon Notices
- <S> - Set Category Filter
- <C> - Clear Category Filter
- <R> - Redraw Screen
- <A> - About Agenda
- <?> - Help
- <X> - Exit

Please enter your selection and press ENTER:

- Extensive system operator control over categories and messages using key restrictions, class and User-ID event notifications.
- Plus auto-purging, auto-approval, and many other features too numerous to list.



Distributed Database Development Platform

ProDesign's distributed database development platform is a multiuser, multitasking database environment which is designed to be 100% compatible with dBASE III+, FoxBASE 2.1 and Clipper. D³P features a distributed processing and networking scheme which uses no dedicated file servers or master PC's, allowing peripheral and disk space on any PC in the network to be accessed by any other.

Transparent connectivity with The Major BBS is provided through the use of Vircom's Major TCP/IP connectivity option, thereby achieving seamless connectivity between The MajorBBS and the D³P platform. Plus, client parameter exchange is accomplished using a special port of Rlogin for Telnet connectivity. This means that User-ID, class and key control can be extended to applications running on the D³P platform.

D³P supports ASCII, ANSI and RIP v2.0 terminal connectivity and includes a special RIP function library allowing transmission of RIPscript protocol commands directly from your database application.

Other options include integrated e-mail support, credit card authorization, and facsimile services.

Please contact ProDesign for a complete brochure which details D³P options and pricing.

PRO DESIGN, INC.

P.O. Box 14314

Albuquerque, NM 87191-4314

(505) 244-0488 Voice

(505) 244-0650 Fax

(505) 244-0000 BBS

Call today to place your order or request our product catalog!

President's Corner

by Scott J. Brinker
President & CEO



You are about to participate in a wonderful evolution. Like a butterfly lifting into the air from its cocoon, your BBS can now soar into a world of Windows brilliance and appeal.

It's an evolution from ASCII/ANSI into a true client/server environment capable of multimedia-rich online applications. It's an evolution from a small audience to a mass market. It's an evolution from The Major BBS to Worldgroup.

Nearly two years in the making, Worldgroup is the next generation of online service software. It lets you stand out against America Online, offering your users a Windows client program that makes your system friendly, sexy, and productive.

Click on an icon to launch an application. Work offline as easily as when you're connected. Take advantage of multithreading to take a poll, while you're getting new mail, while you're downloading a file from the library. Transparently receive client program updates. This is hot stuff!

And it gets better. We've always believed in the power of an open architecture, making our source code available to you and supporting the efforts of dozens of Independent Software Vendors (ISVs).

The design of Worldgroup takes this extensibility to a new level. Developers can write new applications using Visual Basic on the client-side and Borland C++ on the server — a powerhouse combination.

The fruits from this fertile ground are evident throughout this latest issue of our newsletter (reborn under the new name of *Visions*). Dozens of hot ISV products are now available as client/server add-ons for the Worldgroup platform — you'll find plenty of new product announcements in the pages ahead.

In particular, the dam seems to have broken with a plethora of programmable dBase options now offered from The Business BBS (MultiBase), BSI Technologies (xBasic) and ProDesign, Inc. (Distributed Database Development Platform).

All of this integrates smoothly with our Internet Connectivity Option, which adds TCP/IP support directly into your Worldgroup server. This lets the Worldgroup client software work over the Internet as well as dial-up modems and your LAN.


Our client/server protocol rides on top of a standard telnet connection and lets you run a graphical interactive service on the Internet that goes beyond the Web — a superset of Web and traditional online service capabilities, complete with user tracking, accounting and reporting features.

Collectively, this technology gives you the tools to meet the demands of a converging world. Workgroups, e-mail, BBSes, commercial online services and the Internet are all starting to intersect, and everyone wants to be connected.

Worldgroup was designed to encompass all of these as one whole, managing the electronic crossroads between the people and resources inside your company and the outside world at large. It's a one-of-a-kind solution that will help you stand out in your market.

In addition to the technology, Galacticomm is also committed to providing you with world-class service and support. In the beginning of 1995, Stephen Paradiso became our Technical Support Manager and his team — Sean, Nathan, Steve, Dan, Frank, Scott, Eddy, Eric, Phil and Anders — are ready to help you at any stage in your Worldgroup experience.

Ken Maier, along with Shane, Craig and Mahesh provide the same role for our UNIX customers. And our new Network and Integration Services division, headed by Ken Royer (of FedWorld fame), offers turnkey solutions, system consulting, and classroom training (in conjunction with BSI Technologies). Please call us if there's anything we can ever do for you.

Thank you for your ongoing support that has given us the opportunity to develop this exciting release. We're proud to share it with you, and I can't wait to see and hear of your successes with this platform. Fly high, fly far, and may the wind be at your back. 

CONTENTS

VISIONS
Summer 1995

Worldgroup: A new world in online services	6
Worldgroup offers exciting multimedia interface	7
Tips for designing successful icons	10
E-mail and forums deliver robust new features	14
ICO adds outdialing via telnet and finger support	17
Save up to 40% on Motorola products	22
Products unveiled for The Major BBS for UNIX	29
Where to find multimedia tools on the Internet	33
A look at the client/server menus	35
Troubleshooting your modems	36
Improving performance with intelligent boards	37
Programmer's Interface: The Worldgroup Platform	38
Worldgroup offers extensive documentation	41
Galacticomm unveils ISV program	45
MG/I improves with new messaging engine	47
Second annual dinner event planned for BBSCON	49
Power-Pak to launch "MedWorld" online service	50
Specialized online solutions for business applications	51
Generating a modem string	52
Using Brequest to gain a performance advantage	60
Ambassador Dealers	62
Independent Software Vendors	76

Visions (formerly known as *The Major News*) is published by Galacticomm, Inc. to provide news and information for operators of Worldgroup™ and The Major BBS®. © Copyright 1995, by Galacticomm, Inc. All rights reserved.

Publisher Scott J. Brinker
Associate Publisher Linda Haury
Editor-in-Chief Cindy Korman
Managing Editor ... Dihan Rosenburg
Technical Editor Jeff Torello

Galacticomm makes no assurance as to the reliability of the products and services of the third-party advertisers in this publication, and specifically disclaims any implied warranties of merchantability or fitness for any particular purpose. Liability for the information in this catalog and the software, products or services described herein will accrue only to the companies you purchase them from. All prices and specifications are subject to change without notice.

Please direct all calls and other correspondence regarding the purchase, service and support of these products to the companies you bought them from. If you call Galacticomm technical support to report a bug or defect, we may ask you to remove all third-party software from your machine, and then to try to reproduce the problem with software only from Galacticomm.

The Major BBS is a registered trademark of Galacticomm, Inc. Galacticomm, Internet Connectivity Option, Major Gateway/Internet and Worldgroup are trademarks of Galacticomm, Inc. Equinox is a registered trademark of EQUINOX Systems Inc. SuperSerial is a trademark of EQUINOX Systems Inc. All other products are trademarks of their respective companies.

 **GALACTICOMM**

Galacticomm, Inc. • 4101 SW 47th Avenue • Suite 101 • Fort Lauderdale, FL • 33314
Voice: (305) 583-9990 • U.S. Sales: (800) 328-1128 • Fax: (305) 583-7846
Demo System: (305) 583-7808 • Technical Support: (305) 321-2404
E-mail: sales@gc.omm.com • Telnet/FTP: gc.omm.com
WWW: <http://www.gc.omm.com>

THE BUSINESS BBS

Custom Online Solutions for Business

Increase Your Competitive Advantage

Enter the world of online services while decreasing your initial investment and total costs. Take advantage of our economies of scale, design, programming expertise

and professional operations experience.

The Business BBS is a service bureau providing custom online systems for businesses. Our professionals understand the marketing, as well as technical, requirements for making these services successful.

Whether you're building an entrepreneurial venture, providing customer support, or creating a new product offering, The Business BBS will increase your competitive advantage.

Online Database
Investment Opportunities

Business: Specialty Sports Vehicles
Industry: Recreation/Transport
Location: Chicago
Requires: Expansion Capital
Annual Sales: \$500,000
2 Yr. Profits: \$100K-\$55K

P/L Statement Balance Sheet Contact Info Go Search Exit Place Inquiry

Business Description:
Specialty and manufacturer of special sports vehicles for physical challenged athletes including on and off road cycles for leisure exercise and racing. Product line includes body toboggans, specialized water skis and ski jets.

Online Catalog
Clothing and Accessories

Category: Decorative Belt Buckles
Delivery: 3-4 Weeks
Shipping: \$5.50

Available in 5 Styles

Style	Order No.	Price
Cowboy	10101	\$350
Indeo	10102	\$400
Indian	10103	\$350
Motorcycle	10104	\$450
Levi Strauss	10105	\$450

Go Search Exit Place Order

Product Description:
Hand finished distinctive oval buckles for casual and business wear. Raised tooled patterns from our own design fits from 3/4 to 2 1/2 inches wide.
Material: Silver and Gold Plate finish on brass base.

No other online service offers all these benefits:

- Quality online image built to your specifications
- Custom database programming
- Professional operation and maintenance
- Affordability and resource efficiency

Telephone today for more information and an online demonstration.

Voice (310) 477-0593, Fax (310) 477-9475

THE BUSINESS BBS

2531 Sawtelle Blvd., Suite 109, Los Angeles, CA 90064-3163

Worldgroup: A new world in online services

by Dihan Rosenburg
Managing Editor

"Worldgroup knocked my socks off — I'm standing here with bare feet," says Gene Friedman, systems analyst for Citibank Corporation.

"Galacticomm has taken many of the best features from online services such as Prodigy and America Online and created a package that I can only describe as awesome," agrees Dennis Fowler, a contributing editor for *Computer Shopper*.

Beta testers, the press, and customers like you all seem to agree: Worldgroup, our follow-up to The Major BBS, is exactly what the online industry has been waiting for. Worldgroup is a fusion of the best of e-mail/workgroup technology and the "Big Three" commercial online services.

Now your online service can match the best of these big online services — and even the World-Wide Web — with colors, graphics, real-time video, and sound. Worldgroup adds a client/server architecture to the traditional BBS paradigm, with the server running under DOS on your host machine.

The intelligent shareware client runs on your user's PC, providing a Windows interface that is not only attractive, but efficient, intuitive and

exciting. The Windows client/server interface works just as well over the Internet as it does via modems, LAN,

ISDN, and X.25 networks such as CompuServe and SprintNet.

"Our users have been asking us about a GUI interface for a long time," says Bob

Bunge, the operations manager for the U.S.

Dept. of Commerce's "FedWorld" system.

"Worldgroup integrates so well

with Windows, I forget I'm logged on!"

"I think Worldgroup is going to be incredible for our customers," adds Kevin Ehlers, system administrator for the computer manufacturing corporation, Gateway 2000. "The majority of our

market is first-time computer buyers, who also tend to be new to online services. Worldgroup is going to be a nice entry point to cyberspace for them."

The flexibility of the new client/server architecture makes it possible to bring your users an amazing array of new services.

For instance, with control over both sides of the link, we were able to establish a multithreaded, error-correcting

protocol that lets users enjoy up to 30 activities at once. Like downloading files in the background while reading new mail, or auto updating new versions of applications transparently.

User-side intelligence allows you to make full use of multimedia presentations, offline operation, and local CPU horsepower. This local cache of programs and data ensures top performance at 2,400 or 28,800 bps.

We've packed e-mail and forums with features that rival the best of the LAN-based packages: in box, out box, address book, local file cabinet, forward with comments, and priority tagging, to name a few.

As many as 10,000 forums can be created for both local and networked messages.

And that's just the beginning. Users can transfer files in one easy step. New users avoid the learning curve

of how to download files with different protocols. If they can click an icon, they can download a file.

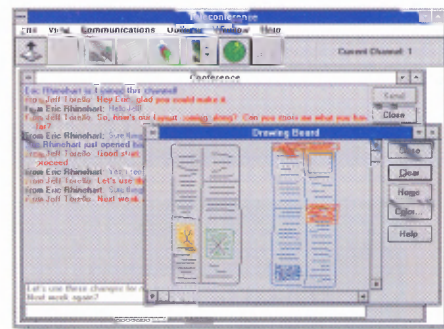
Teleconference offers a drawing board where users can convey ideas visually at the same time they're chatting. They can customize their words and sketches with a full color palette and their choice of fonts. Users can also exchange files in real time.

In Polls and Questionnaires, users can view exportable bar graphs and pie charts of the results.

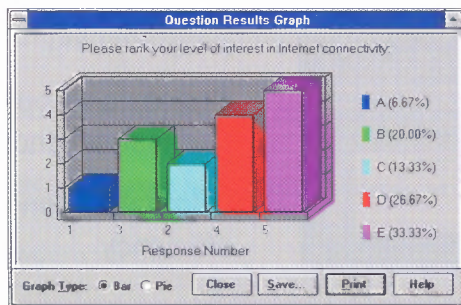
The client/server platform offers yet another exciting advantage: You can write your own client-side applications



Worldgroup provides a communication model that brings the inside world and the outside world together in a secure, productive environment.



In the multi-user teleconference, users can communicate in words and pictures.



Present poll results as bar graphs or pie charts that can be printed or exported to other applications.

(continued on page 7)

Worldgroup offers exciting new multimedia interface

by Scott Brinker
President & CEO

With the release of Worldgroup, we've made available a client/server platform that lets you run a graphical system matching the best of the commercial online services.

Worldgroup can be accessed by dial-up modem callers, Internet users, individuals on the LAN, and those with ISDN and X.25 networks.

However, the real power of Worldgroup is its extensibility. The Worldgroup Client/Server Developer's Kit enables system operators and Independent Software Vendors (ISVs) to create plug-and-play client/server add-ons using Visual Basic on the client side and Borland C++ on the server.

Because Visual Basic itself is such an extendible and widely-supported development environment, developers can easily harness an amazing array of Windows technology into their applications... especially multimedia capabilities.

To prove the flexibility of the client/server model — and to demonstrate the ease and power of Visual Basic extensibility — two Galaticomm engineers took a three-day weekend to explore the possibilities of multimedia enhancements to the first release of Worldgroup.

The result of this 72-hour adventure is a new collection of multimedia extensions, including a welcome screen with images and sound, graphical menu backdrops, and a "launch" client/server module that downloads and launches files directly from the menu.

Welcoming splash screen

Configure your own "splash" screen to appear when users call in with Worldgroup Manager (the client software). You can use any Windows BMP file, Windows Metafile (WMF), or Windows DIB file to create welcome screens with your organization's logo, an image conveying your system's theme, etc. For kaleidoscopic effect, animate these images to change and swirl in real-time.

These files can be designed using off-the-shelf programs, such as Corel Draw, PC Paintbrush, and Adobe Photoshop. You can also convert images from other formats, such as PCX, TIF, and JPEG, using programs such as Paint Shop Pro. The size of the splash screen window will automatically adjust to display the full image of your graphic for maximum effect. A timer and/or user-clickable button can transition from the splash screen to the main menu, so users will have time to enjoy your creation.

Add sound effects to the excitement too! A configurable WAV or MIDI sound file can be played along with your splash screen for a dramatic effect.

A corporation could play their company's jingle, while a university could play the school song on this online welcome mat. The sound file can be either an audiowave file with a .WAV extension or a MIDI sequence file with a .MID extension.

If a user's machine doesn't support sounds, the sound file will still be downloaded in the background, but it will not be played (until such time as the user's machine becomes MPC or MPCII compliant).

When users connect to the Worldgroup Manager for the first time, they don't see or hear the splash screen. Instead, they go immediately to the main menu, after which a background file transfer will be automatically initiated. After the file completes its transfer, the next time the users connect to your system they'll see the splash screen before the main menu.

This background transfer capability has been designed so that the first time

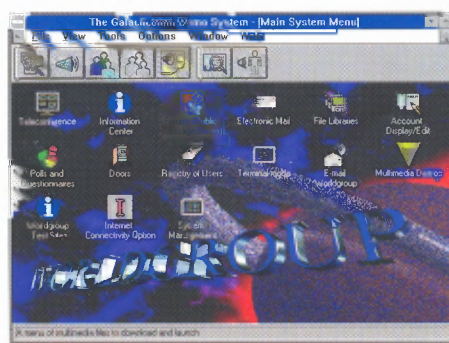
a user tries your system, he won't have to download several minutes of graphics before using your system. If users log off before the transfers are complete, the process will resume the next time they connect. If you change your splash screen later, users will skip over it the first time to download it in the background as well.

Graphical menu backdrops

BMP, WMF, and DIB files can serve as graphic backdrops for each client/server menu. The main menu can be "pseudo-maximized" to take up the full



Design dazzling "splash" screens — with graphics, sound, and animation — to welcome your users.



With Worldgroup's multimedia features, easily create amazing graphic backdrops for your menus.

(continued on page 67)

HIGH VELOCITY SOFTWARE

With over five years of experience with The Major BBS, a 30-day money back guarantee, prompt shipment of all orders, free technical support, and well-documented, quality software, High Velocity Software is ready to take care of your every Major BBS need in a professional and reliable manner.

GAMES & ENTERTAINMENT

**TRADE WARS
2002
\$400.00**

Possibly the single most popular BBS game of all time, Trade Wars 2002 has warped its way onto The Major BBS! In a uniquely generated universe of up to 5,000 sectors, players build planetary bases and starship fleets to help them seize wealth and power. With 16 classes of starships, 17 types of starship hardware, corporate team play, transport-beaming, alien races, planetary citadels, and federal commissions as just a few of its features, if this game doesn't have it all, it comes close! Free demo available!

Crossroads is an interactive, text based fantasy game that will give your users hundreds of hours of play! Over 750 rooms and 150 items for players to discover and explore! Over 120 spells, ranging from simple combat to true monster summoning! More than 600 monsters move about the game, buy and sell items, initiate combat with users, and even speak and tell stories! Sysop creatable quest objects! Lightning bolt tossing deities, cursed Kings, rumbling volcanos, player-gulping whales, insidious traps, smoke-filled pubs, acid-spitting slugs, and TONS more! Free demo available!

**CROSSROADS
OF THE
ELEMENTS
\$250.00**

**GLOBAL
DESTRUCTION
\$125.00**

Players square off against other users and ruthless computer opponents in a familiar, Teleconference-like environment filled with missiles, anti-missiles, jet fighters, bombers, spies, propaganda, secrets, brainwashing, and more radiation than any other Major BBS game! This game is a real "boom" on any system. Stunning ANSI and RIP screens included! Free demo available!

Users can make up to 20 "choose your own adventure" stories on-line! Each story has its own moderator and access key, and can even allow anonymous posting!

**MAJOR
GOOSE
\$100.00**



Expect to see High Velocity Software hard at work in the rapidly expanding realm of Worldgroup. Several of our existing programs are undergoing a facelift, and all of our new software will support this exciting new platform! If you are looking for a specific application that you have not seen yet, give us a call.

BUSINESS & UTILITIES

Offer your callers the convenience of purchasing credits or subscriptions on your system by filling out a check online! Over five times more consumers have checking accounts than credit cards! Just set up an account with American Banking Systems, put Online Checks Direct on your system, and you are ready to go! Free Demo Available!

NEW!
ONLINE CHECKS DIRECT
\$125.00

MENU MAGICIAN
\$150.00

The Menu Magician allows you to change existing menu pages or create new ones and link them directly in to your current menus while your system is still online! An invaluable sysop tool, especially if you manage your board remotely. The Menu Magician is also designed to interface directly with the Metakeys. **HOT WORLD GROUP INTERFACE!** Free demo available!

Add even more power to Galacticomm's Locks and Keys! Metakeys allows you to have "negative" keys, and even check for combinations of keys. For example, you might only let a user into a given module if he has the PROSPECT key and the CUSTOMER key but does NOT have the DELINQUENT key. Perfect for business and entertainment systems alike.

METAKEYS
\$50.00

THE NEWSROOM
\$80.00

Write news articles, system announcements, and other messages for your users to receive the next time they log on. Attach each message to a specific key, so the message will only be displayed to users who possess that key. Free demo available!

Verify your users' sign-up information through a completely transparent validation process by phone or mail! Checks for bad numbers and multiple handles per phone number, switches user's class or posts credits, can force validation on every call, and much more. Source code included.

AUTO VALIDATOR
\$60.00

HIGH VELOCITY UTILITIES
\$100.00

Features include: extended credit transfers, "fortune cookies," configurable profanity filter, user sendable logon messages and system broadcasts, on-line modem init-string editor, and an off-line forum sorter!

Connect up to the Internet without needing a second machine! Telnet in/out, Rlogin in/out, FTP, WWW HTML Server, Finger client/server, Distributed Major BBS Architecture (DMA), and more! Call for details!

MAJOR TCP/IP
\$500.00

HIGH VELOCITY SOFTWARE

Post Office Box 33455 • Phoenix, Arizona 85067-3455

Product Orders: (800) 572-5582

Voice Support: (602) 234-2207

Demo BBS: (602) 222-3000



Telnet: garden.hvs.com

WWW: [http:// WWW.hvs.com](http://WWW.hvs.com)

FTP:hvs.com

Tips for designing successful icons for your system

by Bill Hyatt
Software Engineer

If you've used Windows or any other graphical environment, you're familiar with how icons represent menu choices. But an icon is more than just a decoration for an application — a well-designed icon contributes to an end-user's productivity, as well as to an application's overall success.

With the release of Worldgroup, the same can be said for your online service! Worldgroup is a true graphical environment for your users, and icons are crucial to its look and feel. As shipped, Worldgroup offers attractive icons to represent the baseline services, but you may want to design your own options for a one-of-a-kind look or to represent new menus you create.

You can also specify an icon to represent your system on Worldgroup Manager, the user's client program.

When users click this icon, the client will automatically call your system and log in the user.

If the creativity you've displayed with ANSI and RIP is any indication, we'll expect to see some really incredible interfaces for your systems — dazzling icons, dramatic graphical menu backdrops and splash screens, sound presentations, and more. Worldgroup gives you this flexibility.

It's easy to assign customized icons to new services you create. When you're adding the service in Menu Tree, Worldgroup asks you to assign it an .ICO-format icon file.

Simply enter the path to the file you've created, and the icon will then appear above the menu description. You can create these .ICO files yourself with packages like Resource Shop by

Borland and PC Paintbrush by Microsoft. In addition, software packages with hundreds of ready-to-go icons are available at your local software store.

With the Client App Developer's Kit, you can use Visual Basic to alter or replace the icons used in the applications that ship with Worldgroup.

Using icons to enhance your system

To begin with, a simple definition: an icon is any kind of small pictorial symbol on a user's computer screen that represents some capability of the system. An icon is anything that isn't a label, text, or a window border.

Icons can be used just about anywhere you can use a word label. They can activate menus, perform actions, and save or open files. Icons can also be

Specializing in custom professional online applications for business, association, government and trade publication clients.

- ▼ Consulting/Training
- ▼ Turnkey Installations
- ▼ Operating Services

THE
MIDWEST'S
LEADING
ONLINE SERVICE
OPERATIONAL
AND
DEVELOPMENT
GROUP

Synergistic Networks, Inc.

107 E. Vallette • Suite 1303 • Elmhurst, IL 60126

708-993-0460

708-993-0477 (fax) • synnet@onion.com

We plan and install your turnkey system or operate and manage your online service at our facility.

▼
Demo Worldgroup on the
Midwest's powerhouse BBS
The Wild Onion!
708-993-0461

▼
A Galacticom
Ambassador Dealer



used to indicate specific information; for example, Worldgroup Manager uses icons in e-mail to indicate whether the user has read a message. The envelope is intact before the user reads the message. After the user reads the message, the icon turns into a torn envelope. You can also use icons as a graphical element to enhance the visual appeal of an application.

Some common misconceptions about icons can get in the way of designing good ones. Before designing an icon, it's a good idea to understand and eliminate these misconceptions:

Icons completely replace words. It's a bad idea to mix icons and words in a user interface.

Actually, icons and words aren't mutually exclusive. At times an icon alone is needed; at other times a text label will be more effective. You may also choose to offer a combination of the two, as Worldgroup Manager's main menu does.

Icons aren't any better than words. Using icons alone to operate a computer is awkward and inefficient.

This is most often the opinion of computer users and programmers who learned to use a computer through a command-line interface, which requires knowledge of complex commands and

the time to type them in. It's a natural opinion to have.

Once a person becomes proficient at one method, a different method can seem awkward. But the one big advantage to using icons is that they eliminate the need to learn keystroke sequences or command syntax.

For many people, it takes less time to learn and remember the function of a well-designed icon than to learn a complex command sequence. But it's not an "either-or" choice. With Worldgroup, we use a combination of menus, commands, and icons. With this method, the users can choose the method of interaction they feel most comfortable with.

Icons make a product easier to use.

This statement is not always true. An obscure icon may confuse your users. If the design isn't clear or the icon isn't deployed well, the application can look like an obscure control panel.

If the icon is too complex, your users may not recognize the application or the function it represents. As with the other elements of an online application, icons need to be well-designed to do their job properly.

Icons must be immediately obvious. If an icon isn't obvious to everyone, it shouldn't be used.

An icon doesn't fail if it needs to be studied the first time it's seen. The process of learning the icon engages users and helps them remember the icon. Then, they'll instantly recognize it the next time they see it. That's more important than the initial delay — especially if users will be seeing the icon dozens or hundreds of times.

Icons are pictures. The best ones are realistic, small illustrations.

Icons aren't pictures. Rather, they are meant to be viewed at one glance, and then recognized automatically once they're learned. An icon isn't so much an illustration as it is an abstraction of a particular concept. Overloading an icon with too much "realistic" detail can render it less recognizable. And since icons are small, making them truly realistic is almost impossible.

While designing an attractive icon is definitely an artistic endeavor, some basic ergonomic principles are involved as well. When creating your icons, it helps to know how users will react when coming in contact with each icon. There are four basic steps users will follow:

Decode them

Users learn what the icon symbolizes the first time they see it. To make this process simple for your users, it's

(continued on page 81)

Data Xchange

Network Inc.

THE INTERNET NETWORK FOR THE BBS COMMUNITY



voice: 800-863-1550
voice/fax: 415-863-1550
internet: sylvan@dx.net

GET THE MESSAGE ACROSS WITH MOUNTAIN MAIL!

Fax Mail

Integrates FAX Into E-Mail*

Send FAX-Messages By Sending E-Mail to:
"FAX: Name@Faxnumber"

Works both Online and Offline (QWK).

Customized Coverpages, Configurable Locks, Keys and Credits.

*Requires Fax/Online By Galaticomm

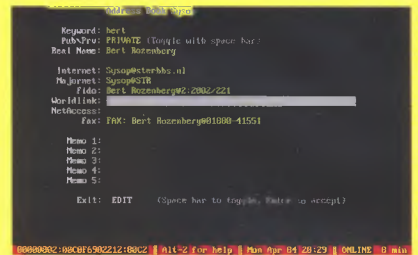
Global Address Book

Give Every User His Own Address Book.

Works Global From Every Prompt.
Build a system wide Public Address Book.

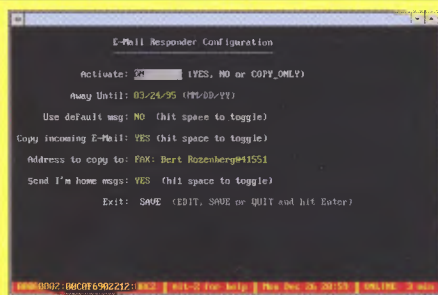
Address Book Contains: Keyword, Real Name, five memo fields and Six Sysop Definable Network Fields.

Each Field has its own Global Command!



The Messenger

Automatically Replies to Incoming E-Mail.



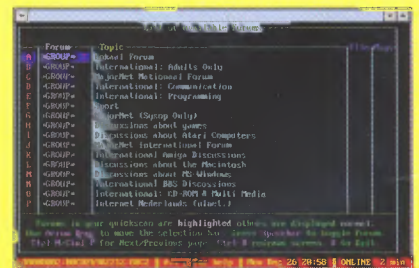
Copies Messages To Another Address
(Works Great With The E-Mail FAX Too)

Sends "I'm Back" Messages (configurable)

Full 'Activity Report' When User Returns.

Forum Organizer

Organize Your Forums The Way It Should!



Turn Your System Into A Remote Information Server!
Let The World Request Information About Your Products or Services.
Works with Most Common Networks.

(Try it? Send a Message to Info@STR (Maillink) or info@sterbbs.nl (Internet) With "Index" in the Subject Line.)

Forum Organizer

- ** Full Screen Forum Selection **
- ** Full Screen Quickscan Configuration **
- ** Color Coding For Different Forums **
- ** Forum Groups **
- ** Pre-Defined Quickscan Configuration **

\$189 (Worldgroup Version: \$Call\$)

Tessier Technologies, Inc.
1876 N. University Drv, Suite 200
Plantation, Florida 33322
Orders: 1-800-473-3177
Voice: (305) 473-5525
Fax: (305) 473-2122
BBS: (305) 473-2000

Mountain Rose Multi Media
Kikkerveen 331
3205 XC Spijkenisse
The Netherlands
Voice: +31 1880-33083
Fax: +31 1880-41551
BBS: +31 1880-40035

Sirius Software, Inc.
1049 Cardiff
Casper, WY 82609
Voice: (307) 237-0065
Fax: (307) 265-4452
BBS: (307) 237-2112

BBSNetTM

Starting
at
\$325

CONNECT YOUR BBS TO THE I-WAY!

Increase subscriptions with real-time Internet access

- Telnet, FTP, Archie, Gopher AND MORE with RIP/ANSI support.
- Integrated Zmodem protocol speeds file transfers.
- Incoming Telnet with forward and reverse FTP file transfer.
- IRC client coming soon, SMTP email and NNTP Netnews available 2Q '95.
- NetWare server or OS/2 workstations on LAN required.
- WorldgroupTM native clients coming 3Q '95.

MAJOR NetDoorTM

Advanced doors module for The Major BBS
and WorldgroupTM

- High speed LAN connections without serial ports
- Door connections do not use license counts
- Run doors on Desqview, OS/2, or stand-alone machines
- No messy cabling

Requires Novell Netware, Personal Netware or
Lantastic 6.0 or later with ODI
Uses conventional memory - call for specifications

Unlimited
Users
\$525

IP DoorTM

Add-On module for The Major BBS[®]
and WorldgroupTM

- Dialup access to the Internet at speeds up to 115KB/sec
- Full accounting, access control and IP address management
- No finicky Unix systems or terminal servers required
- Provide SLIP/PPP Internet access with your BBS

Ethernet lan required, leased line and class C address recommended.

NEW!

*all products are trademarks or registered trademarks of their respective companies

**Murk
Works**
Incorporated

FOR INFORMATION CALL
315-268-1000

Fax: 315-268-9812 ● BBS: 315-268-MURK (6875)

PO Box 610 ● Potsdam, NY 13676

info@MurkWorks.com

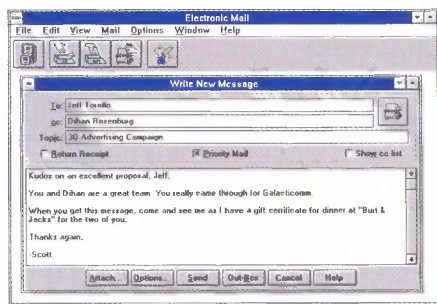
New e-mail and forums deliver a world of new features

by Jack Alvrus
Software Engineer

With Worldgroup, we've completely rewritten the user interface and the underlying architecture for e-mail and forums. The result is a bevy of clever new features matching the best of the LAN-based packages.

An in box lets users download their mail and view a list of messages they've received. They can view the in box while online or offline. Icons flag priority messages, those with attachments, and ones that require return receipts. An icon with an unopened envelope flags new messages for your users. After they've read the message, the icon turns into a torn envelope.

From their in box, users can: read and reply to messages; file them in a local file cabinet; delete them; and select attachments to download. After reading a message, users can copy or forward it



Users can easily manage their mail with their own in box, out box, filing cabinet, address book, and more.

to another user or forum, along with their comments.

If users want hard copies of their messages, they simply pull down the "Print" option from the "File" menu. When writing or replying to messages,

users can send carbon copies to other users with the "cc:" list in the text; attach a file to the message; and request a return receipt.

Users can now send the message marked as priority when time is of the essence. Messages users write can be sent right away or filed in the out box to send or edit later.

The address book lets users save and retrieve those hard-to-remember e-mail addresses. Listings are filed under the users' real names, and there's room for detailed comments about the addressee, such as an Internet or "snail mail" address, etc.

Users can easily clip addresses from e-mail or forum messages to add them to the address book without retyping,

(continued on page 56)

cyber.Xpo.95

Your invitation to a digital dance in the desert...

Come June, the BBS and online industry will never be the same as online professionals converge on Las Vegas, Nevada to attend the premiere industry trade show—**Cyber.Xpo.95**—and you're invited! Make plans now to attend the world centre for BBS & online technology, **Cyber.Xpo.95**. You'll meet the top suppliers in the industry...attend hot seminar programs...see the newest products...take advantage of show specials...enjoy industry awards and receptions, hospitality suites, plus incredible networking opportunities. The BBS and online industry is growing...are you? Plan to attend **Cyber.Xpo.95**.

SYSOP NEWS presents

cyber.Xpo.95

...world centre for BBS & online technology

For your advance registration kit

Call 614.452.4541

Fax 614.452.2552

Email cyberxpo@muskingum.edu

Education June 4-6
Exhibits June 5-6
Sahara Hotel & Casino
Las Vegas Nevada

MAJOR TCP/IP

BY

VIRCOM

INTERNET CONNECTIVITY FOR YOUR MAJOR BBS

- ✓ Telnet DialOut - connect to MailLink, ChatLink, WorldLink, InterLink
- ✓ Telnet IN / OUT
- ✓ Rlogin IN / OUT
- ✓ FTP
- ✓ Finger Client / Server
- ✓ WWW HTML Server
- ✓ Support for 32 / 64 or 255 TCP sessions
- ✓ RLogin-Plus for UNIX Application Integration
- ✓ Distributed Major BBS Architecture (DMA)

starting at
\$500

Over 300 Major BBS systems now using MajorTCP/IP including
Compatible with WORLDGROUP v1.0

Shipping since April 94
Runs on The Major BBS 6.03 or higher
4K low memory footprint
Novell Server or UNIX Computer not required
Ethernet ODI & Packet Driver supported
Slip Supported



VIRCOM

Tele - 514-990-2532

Fax - 514-681-3751

E-Mail - sysop@vircom.com

MajorNet - Sysop@GMS

Available at these fine re-sellers

Digital Consulting Services 800-899-2002

Tessier Technologies 800-473-3177

Digital Concepts 602-292-1300

TLV Communications 33146054119

High Velocity Software Inc. 800-572-5582

DataSafe Publications Inc. 505-294-4980

Sirius Software Inc. 307-237-0065

InfiBase

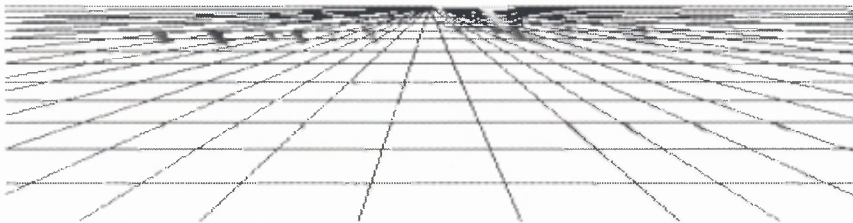
Database management system for the MajorBBS

*Classifieds!
Job Search!
Product support!
Ad Inifinitum...*

Based on the hierarchical database model, InfiBase offers you powerful data collection and classification features, on-line *form processing*, and an open-ended flexible database structure that provides you the ability to develop a host of applications - *Classifieds, Job search, Customer support problem logs, On-line orders, Claims and Applications, Event registrar...* you may never need another BBS module again.

- ✓ Your users will love the easy-to-use *menu interface*. The top-down menu tree guides your users conveniently to topics of interest to them.
- ✓ Your users will appreciate not having to check the database constantly. *Auto-notification* feature informs them when new items have been placed under selected topics.
- ✓ Your users will Benefit from InfiBase's ability to process *on-line forms*. Using custom form layouts, you can be sure that all pertinent questions are asked, answered, and where you want them.

The Infinite Database



Infinetwork
P.O. Box 1241
Laurel, MD. 20725

(301) 498-6352 Voice
(301) 498-6183 Data

Pay attention Major BBS Sysops. If you're tired of spending hundreds of dollars for Galacticomm add-on software, take a close look at INFIBASE, a slick, easy-to-use application development program from Infinetwork of Laurel, MD.

What is it? InfiBase is a hierarchical database that can meet multiple needs for Major BBS Sysops. The program can be configured as an online shopping mall, a classified advertisement section, an online order entry system, a dating service, a credit card processor - or all of the above. In fact, with a little imagination, Sysops can design any application requiring collection and dissemination of information that can be classified in a hierarchy or that can be collected by a form. Best of all (thank God), the Sysop doesn't have to be a programmer to develop custom applications.

InfiBase is powerful, flexible, and yet simple in concept and execution. It's Btrieve menu tree meshes quite nicely with Major's basic look and feel. Users familiar with the basic Major BBS command structure will quickly feel at home with InfiBase applications. Besides saving sysops lots of money, InfiBase offers your callers an intuitive front end shared by all your custom InfiBase applications. The familiarity of the command structure will enable your caller to easily navigate any new InfiBase application that you develop for your board.

...

Summary . . . InfiBase can be viewed as a single solution for multiple problems. Surprisingly, InfiBase solutions in many cases are as elegant and effective as some of the single purpose third party add-ons. The trade-off for the dollars you save is the time you expend in developing your custom applications. With a little sweat and ingenuity, this program can enhance the functionality of your BBS, improve caller satisfaction, and collect your money for you. You can give your online programs a unified look, feel, and command structure. It can save you hundreds if not thousands of dollars in third party software. The InfiBase retail price of \$495.00 appears a bit steep at first glance but note that you are in essence purchasing an unlimited number of applications. InfiBase not only will solve many of your immediate needs but, as your system grows, it will help you meet many of your future needs with minimal expense.

SySop News and Cyberworld Report, Dec 1994
Steve Graves

Two new features added to ICO: Outdialing via telnet and finger client and server

by Bob Stein
Writer/Developer

Announcing two new features, free for Internet Connectivity Option (ICO) customers: outdialing over telnet connections and a finger client and server. These features will be included in all current editions of ICO. If you would like to add them to a copy of ICO you have already purchased, an update file is available over the Internet. Here's the URL:

<ftp://gcomm.com/library/internet/icoupd3.zip>

In other words, download the ICUPD3.ZIP file from the INTERNET Library on the Galacticomm Demo System (via modem 305-583-7808). After installing the file, you'll probably want to create a FINGER module page for the finger client module with a blank command string. See your ICO manual index under Menu Tree installation steps for how to do this sort of thing. (You probably already completed this process for TELNET, FTP, and HOST module pages.)

Outdialing via telnet

With the outdialing feature, you'll be able to use many outdialing applications over telnet connections on the Internet. This has been tested with the current versions of Dial-Out, Action Teleconference, Link-Up, ChatLink and WorldLink. Logicom needed to make a minor change to InterLink; the new version for that is available in Logicom's system by ftp to *logicom.com*. You'll find it in the UPDATE Library. Sirius is currently testing this feature with its MailLink product.

If you've developed an outdialing application, information you might be able to use is available at:

<ftp://gcomm.com/library/develop/galtcpat.zip>
(aka GALTCPAT.ZIP in the DEVELOP Library).

Documentation is also there that may be of interest to Sysops. The GALTCPAT module makes TCP/IP channels act somewhat like AT-command modems, establishing telnet connections when some application sends them a command of the form:

```
ATDT <host> [-a] [-b] [-bs] [-nb] [-rk] [-rs] <CR>
```

This syntax is identical to that of the telnet client. See GALTINT.DOC for details. The "-a" option is a little different though: it does not assemble a line at a time, and it does not echo.

Fingering

Finger provides an Internet-wide Registry of Users, allowing users to look up information about other Internet users. Finger client lets users find information from remote hosts on the Internet. Finger server lets remote users find out who else is online on your system and get details about spe-

cific users. Both client and server features are now supported with ICO.

Finger client

The finger client can be used to get information on users by their Internet e-mail addresses. Some servers also make other information available to finger requests. Here are some examples of finger client commands:

```
/finger jsmith@xyzcorp.com  
/finger sam.robbs@genutex.com.au  
/finger lsanchez@gamma.uvt.cl
```

Case is usually not important in finger requests. This command is similar to the "/r" global command, except it works across the whole Internet — not just your system.

By convention, leaving off the user name asks what users are currently logged onto the remote host:

```
/finger @gcomm.com
```

(continued on page 67)



A Major Resource in Atlanta

Call the experts at MarketSpace to make your business Internet and modem-accessible. We offer:

Software sales - Galacticomm Worldgroup of course!

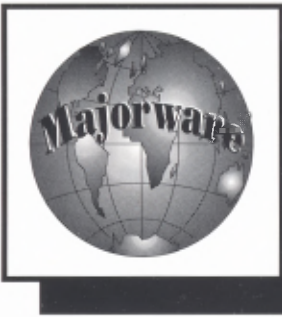
System Integration -We design & configure your DOS or UNIX system then work with your Internet or phone service provider.

Service Bureau - We can run your online service on our hardware, provide in-house training, custom C++ or VB software development, or help you design your own web pages.

Call now at **(404)998-4884** and get your business online. MC & VISA accepted.

Dependable. Knowledgeable.

MARKETSPACE



Majorware Inc.

Your Source For
Galacticomm Products

Third Party Add-ons
Hardware/Peripherals



We Service

- ◆ Business
- ◆ Government
- ◆ Associations
- ◆ End-Users

In Canada & US

Call Us For Pricing On

Worldgroup™ • Modems • GalactiBoards • Digiboards
Boca Boards • Internet Connectivity Option • Routers

Great Prices on Worldgroup Start-up Bundles

We Also Sell Visual Basic™ - Customize Your Worldgroup CI'

(Majorware is a Galacticomm Ambassador Dealer)

Need Internet Connectivity?

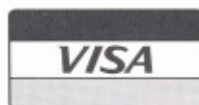
Want to connect your Business, Company or Home Office
to the Internet?

Call Now!

Our Expert Consultants can get you connected
to the Internet in no time!

Majorware Corporate Services

Internet Feeds • Web Page Creation • Custom Client/Server Applications
Turnkey Worldgroup/Unix Systems • Internet Training



(800) 321-3774

FAX (416) 967-6075 BBS (416) 921-0522 Email: mware@clo.com

eclectic

News for and about The Major BBS and Worldgroup

eclectic is the monthly newsletter containing the best of everything for those interested in The Major BBS. Request a free issue. Better yet, contact *Micro Magic* today and start your subscription so you don't miss a single issue.



Oh No! I didn't subscribe to eclectic and now all my friends are laughing at me.

From the February issue:

- interview with Cindy Korman, Galacticcomm's Marketing Manager
- discussion of the Internet by Galacticcomm's Jeff Torello
- miscellaneous hardware/software reviews
- industry news that affects you
- music quiz (Galacticcomm favorites)
- classified ads
- belated UNIX Christmas card
- detailed information about eclectic
- IMBBSA dinner at 1995 ONE BBSCON

Module Barricade

Place a password on any module. When a user selects a barricaded module from your menus, they must enter the password to gain access. Use with **Grouper** to barricade individual or groups of File Libraries and Message Forums. **\$49**

Magic Keys (a.k.a. Grouper)

One feature is the ability to group your File Libraries and Message Forums by category, network or however you choose. FidoNet here and MajorNet there. Adult files here and OS/2 files there. **\$49**

Path Changer

Need to change your CDROM from drive D: to E:?
Not a problem. Now you can quickly modify the Alternate Path Prefix for your File Libraries with just a few keystrokes. **\$19**

Web Spinner

The World Wide Web is hot these days. Now you can put file libraries on any WWW server painlessly with this HTML code generator. **\$49**



Phoenix

Do your users want to be able to *really* change their User IDs?
(call for availability)

Internet?

Interested in Major BBS and Linux integration? Call InterQuest at 205-464-8280 or paul@iquest.com.



The World Wide Web is exploding and here is a FREE opportunity for you to benefit. If you operate a MBBS related WWW site then let us add your URL to our list. If you are browsing the Web be sure to stop by and sign our guest book at <http://iquest.com/~keford>.

Micro Magic

205-971-0751

203 Creek Trail
Madison AL 35758-8524

BBS: 205-971-2762

keford@iquest.com

<http://iquest.com/~keford>

<ftp://iquest.com/keford>

GAME CONNECTION

\$249.00

Don't be left in the space dust while others are letting their customers warp to other worlds with 4-player DOOM, DOOM II, Spectre VR, Warpath, Heretic, Empire Deluxe, Global Destruction and over 25 popular 2-player games. The Game Connection runs on the same computer as The Major BBS® and does not require any additional hardware or dial-out lines.

MATCH MAKER

\$179.00

Find your dream date. With unrepliated features such as unlimited keyed questionnaires, preference questionnaire and global registry lookup, Match Maker is sure to be a hit with your customers.

MINE FIELD II

\$59.00

Make your way through the Mine Field without getting blown up -- with top 10 lists of the fastest winning times and 4 different-sized fields. Mine Field II is always a challenge for even the most skilled player.

REMOTE CONSOLE

\$99.00

If you are running your system across town, across the country or from another galaxy, you need Remote Console! Almost ANYTHING that can be done from Sysop Console can now be done remotely.

MINOR DOS SHELL

\$99.00

A Minor Shell is a DOS Shell Emulation so complete that you can't tell it from the real thing. It even includes some commands that DOS doesn't support. You can get to the DOS Shell from a simple menu selection and enter commands from a "DOS" prompt.

Call for more information about
Worldgroup™ software.



MAILLINK

\$149.00

With Maillink, you can connect to the world via MajorNet or connect your part of the universe with a private network.

MajorNet has hundreds of customer and sysop forums available, including dozens of The Major BBS® developer support forums. MajorNet allows you and your customers to share ideas and problems with others all over the world.

Private Maillink networks can connect your corporation, school district or country with a secure private network.

MAJORNET REGISTRY PLUS ADDRESS BOOK

\$89.00

The Registry allows you and your customers to send information about themselves to be searched by others using your Maillink network.

The address book feature includes an editable address book that can handle 26 different distribution lists with a configurable limit for the number of entries in each list. The address book feature can be used for a private system or any system using a Maillink network.

HAPPY BIRTHDAY

\$49.00

Wishes your customers Happy Birthday with optional free credits granted. And now remembers and reminds (via E-mail) customers of their friends' and families' upcoming birthdays, anniversaries and important annual events.

For more information, contact:

Sirius Software, Inc.
1049 Cardiff Street
Casper, WY 82609

Voice (307) 237-0065
BBS (307) 237-2112
FAX (307) 265-4452

FROM MOUNTAIN ROSE MULTIMEDIA

Major CD **\$129.00**

Major CD with
LAN Option **\$199.00**

Mountain Mail **\$149.00**

Real Time
Message Cleanup **\$149.00**

The File Extension
Library Extension **\$149.00**

SIRIUS
SOFTWARE

SOFTWARE



New Sysop program created with Motorola

Up to 40% savings on selected Motorola modems and ISDN terminal adapters

We've teamed up with Motorola Transmission Products Division to bring qualified members of the online community discounts of up to 40% on Motorola V.34 modems and ISDN terminal adapters. Now, you can call us for an online interactive service, complete with compatibility-tested modems.

Eligible members of the online community include: Sysops of online systems, Internet access providers, and World-Wide Web service providers. These systems must be in continuous operation for at least six months from the time of purchasing the Motorola hardware and be running software from an approved vendor, such as Galacticomm and comparable companies.

With this new program, you can purchase the following products at up to 40% off:

Product	Your price	List
Power Series 28.8	\$ 225	\$ 375

V.3400		
Stand Alone	\$ 537	\$ 895
Card	\$ 522	\$ 870
Rack Mount 16 Model 1	\$ 626	\$ 895
DM 8 Model 1 (1/2 Rack)	\$ 367	\$ 525
326XFAST V.34		
Dual Modem Card	\$ 837	\$1,395
Modulus (holds 16 modems)	\$ 871	\$1,025
9/21 (holds 32 modems)	\$2,019	\$2,375
TA 210 Stand Alone	\$ 297	\$ 495
UTA 220		
Stand Alone	\$ 537	\$ 895
Card	\$ 522	\$ 870
Rack Mount 16 Model 3	\$ 437	\$ 625
DM 8 Model 2	\$ 297	\$ 425

Long distance
that gets your
BBS hopping!



**Enroll your BBS on FROGnet,
the new long distance service
for BBS Sysops and callers!**

**Your FROGnet callers can save
MORE than 50% on their
long distance calls to your BBS!**

**No Evening rates!
Night rates start at 5pm, not 11pm!
Night rates as low as 7.5 cents!
6 second billing, not 60!**

**And, our FROGpad PROFIT Plan
pays you on FROGnet calls
to your bulletin board!
Easy profits and no selling!**

It's hip to hop!

1.800.792.9222 Voice 1.800.475.7111 BBS

FROGnet

Emerge, Inc., 332 W. Broadway, Suite 520, Louisville, KY 40202

Motorola Power Series 28.8 Modem

The Motorola Power Series 28.8 data/fax modem sports advanced features for business, professional, and computer-savvy users. The modem is an external unit that measures 5.5 x 4.9 x 1.5 inches, with eight LEDs.

The modem offers a five-year warranty and incorporates fully compliant V.34 technology for asynchronous transmission speeds up to 115.2 Kbps.

The modem offers compatibility with all lower speed modems; on-screen help; caller ID; distinctive ring support; password and callback security for up to nine users; support for popular communications software; Smith Micro data/fax software; and Internet software coupons.

The modem also offers remote configuration and diagnostics capabilities, and FLASH memory for software downloadable upgrades.

Motorola V.3400 Modem

The Motorola V.3400 is a data/fax modem intended for demanding corporate and commercial operations. It supports both leased-line and dial-up operation. In data mode, it supports a top transmission speed of 115.2 Kbps.

In fax mode, it is CCITT Group III compatible when used with Class 1 fax software. It also offers a programmable LCD front panel display. Available in 2-wire full duplex dial-up or leased line, or 4-wire full-duplex, leased-line configurations, the V.3400 comes in desktop or RM16M rack-mount format.

Motorola TA210 ISDN Terminal Adapter

The TA210 ISDN terminal adapter is a voice and high-speed data communications solution for remote LAN access,

telecommuting, videoconferencing, and Internet connections. The TA210 includes a built-in NT1. With the TA210 and ISDN service, users get reliable and nearly instantaneous connections at 64 or 115.2 Kbps — at least four times faster than 14.4 Kbps.

The TA210 provides two 64 Kbps ISDN "B" channels for simultaneous voice and data calls. Because the TA210 also includes a voice port, users no longer need an extra line for office telephones, fax machines, or modems.

Motorola UTA220 ISDN Terminal Adapter

The UTA220 ISDN terminal adapter provides corporate video conferencing and LAN-to-LAN communications with reliable high-speed ISDN transmission. The UTA220 can deliver digital transmission speeds up to 128 Kbps by combining the 64 Kbps B channels.

It also provides four times the performance of V.32bis 14.4 Kbps analog modems with better reliability. The UTA220 comes in external and rack-mounted configurations.

The 2-port version allows two pieces of terminal equipment, such as a PC and a telephone, to be connected to the ISDN service. The 4-port version can connect four devices to ISDN. Both versions include a built-in NT1 or "U" interface required to connect to ISDN service at no extra cost.

Call today!

Call us for the lowest cost on top-quality Motorola products. These terrific savings are available only through Galacticom. To order, call us at 800-328-1128 or 305-583-5990 outside the U.S. and Canada. 

FARWEST BBS

3rd Party Developer Since 1989

- | | | | |
|---|-----------------|---------------------------|--|
| Farwest Trivia - | \$50.00 | Highly recommended | |
| Best trivia game available. Teleconference features, configurable options. Requires Question Server. RIP. DEMO available. | | | |
| Tele Trivia - | \$50.00 | Highly recommended | |
| A clone of our Farwest Trivia game - only set as a tele-game. Split screen option. Requires Question Server. DEMO available. | | | |
| Question Server - | \$100.00 | | |
| This is required for either of our trivia modules. A data base of 51,000 questions. | | | |
| Action Word Add On - | \$29.00 | | |
| Allows thousands of action words. On line editor, key controlled and functions with the Farwest Trivia and the Othello game modules. | | | |
| Questions by Topic - | \$39.00 | ***New*** | |
| Switch the 51,000 question data base with specific topics for a tournament. We offer an excellent starter kit with over 21,000 questions covering the following categories: Film, a combined Geography/History, Music, Sc-Fi, Sports, TV and Writing. | | | |
| Othello - | \$69.00 | DEMO available. | Multiplayer Interactive game with full RIP support. |
| Roll the Bones - | \$59.00 | DEMO available. | Farwest Grab Bag - \$69.00 |
| Console Macros - | \$49.00 | DEMO available. | CD ROM Manager - \$189.00 |

Farwest BBS, PO Box 8389, Victoria, BC, V8W 3R9, Canada.

BBS: 604-381-3934 or 604-381-7092

Voice: 604-370-1763 or 604-381-6462

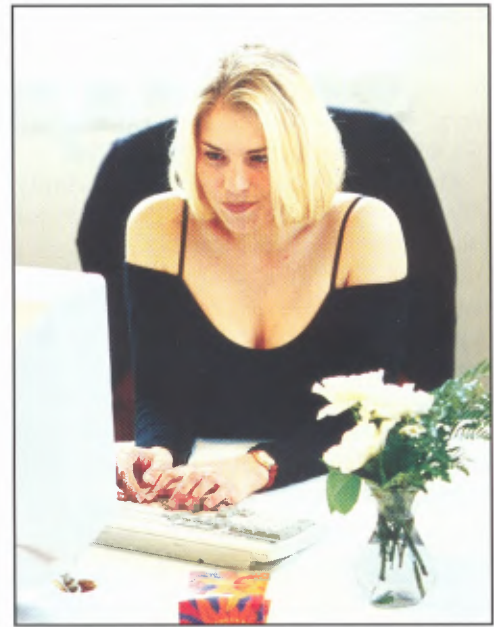
FAX: 604-381-6462

Internet - info@farwest.victoria.bc.ca

Majornet - Info@FAR

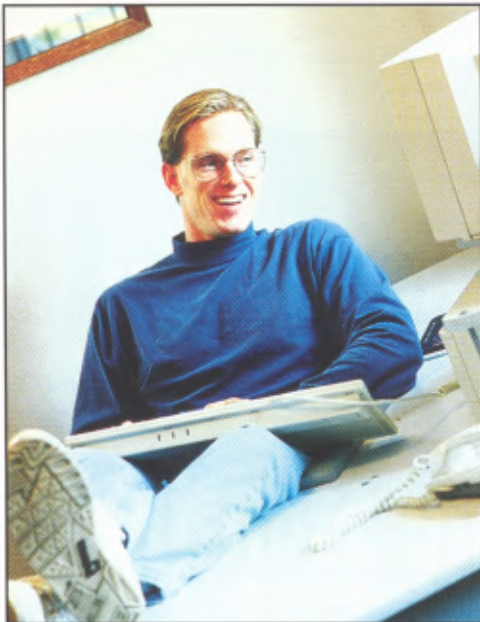
<ftp://ftp.islandnet.com/farwest>

Long ago before *ChatLink*, Ken could never have met Jill because Jill lives in Montreal. The software to bring them together did not yet exist.



```
Ken@41: (Whispered) Haven't we met before... Was it Rome? Maybe Paris...
>Whisper to Ken@41: I think it was Paris...
>Invite Ken@41
```

ChatLink
THE WORLD'S LARGEST
BBS CHAT NETWORK!



```
>Whisper to Jill@552 Haven't we met before... Was it Rome? Maybe Paris...
Jill@552: (Whispered) I think it was Paris...
Jill@552 has just invited you to her private channel. Type join Jill@552 to go there.
```

Then *ChatLink* arrived to supercharge your BBS's teleconference with hundreds of users from around the world every night. And now that every copy of Galacticomm's *Entertainment Collection* comes with *ChatLink*, global connectivity for your BBS is a reality today. Ken & Jill are just a phone call away.

Teleconference is consistently the most popular and profitable BBS activity. Now you can supercharge your teleconference with *ChatLink*; proven software that ensures your customers will have 350-400 other users from around the world to interact with everyday!



Features:

- Adds 350-400 users to your teleconference.
- Turn-key. No other hardware or software is required.
- Unattended operation. Scheduled links operate entirely in the background with no sysop effort.
- ChatLink is built right in to Galaticomm's *Entertainment Collection*. Users do not have to become familiar with new teleconference commands.
- Zero learning curve. ChatLink uses the standard teleconference commands and features your users are already familiar with like: *Scan, Whisper, Action Commands, Private Channels, Entry/Exit Messages* and more! Other networks, like WorldLink use non-standard teleconference commands.
- ChatLink is supported by two national X.25 networks (SprintNet & ADP Autonet) as well as the *Internet* for local access everywhere!
- No surcharges for 9600 or 14.4 access! Other networks such as WorldLink charge up to 50% more for high-speed access!
- Toll free technical support. This service not available from any other link provider.

NEW HOURLY RATES!

- From \$1.00 - \$1.70/hr. via X.25 network in the U.S. and Canada!
- Only \$1/hr. via Internet!
- 24 hr. links via Internet \$300 per month!

Order ChatLink Today - Be Nationwide Tonight!

(800) 788-4565

For a detailed brochure and free look at ChatLink call our BBS at (503) 476-6578 or Telnet: bbs.chatlink.com

"Our customers prefer ChatLink 8 to 1 over WorldLink"

*Diana Chapman, Whiz Data Network
Manchester, NH*

"ChatLink [has made our board] competitive with the big commercial services. We're hooked!"

*Paul Smith, Country Online
Nashville, TN*

"ChatLink is a REAL hit... instant defectors from other BBS's in town. Thanks!"

*Randy Robbins, Freedom BBS
Dayton, OH*

"Our users have been real happy to pay double the usual hourly rate for ChatLink!"

*Gary Martin, Metropolis
Lawrence, KS*

"Out of 60 add-ons to my system, ChatLink is definitely the best. It has never EVER caused any problems."

*Chris Murphy, THUNDERBOLT!
Chicago, IL*



"The World's Largest BBS Chat Network!"



The

MIDAS™ Touch

Multi-functional Interactive Debit and Account Service

MIDAS supports the following payment options:



ATS and ProDesign have teamed to bring you MIDAS with combined online sales by credit card or check.

Call ProDesign for information about MIDAS.

Call ATS for information about online checking.

MIDAS is unique in many ways when compared to other account sales and management applications currently available for The Major BBS and Worldgroup. Here are just a few of its unique characteristics:

- MIDAS accepts payment in the form of any *major credit card* AND/OR *checks* when processing through ATS.
- MIDAS allows the purchase of funds to be applied to a *debit account* which can be used for future purchases.
- MIDAS supports *recurring* billing on a weekly, monthly, quarterly, and annual basis.
- MIDAS allows a *virtually unlimited* combination of class, key, and system credit *purchase options*.

MIDAS (List Price)

~~\$179~~

Special Introductory Price (first 100 units sold)

\$ 125

ONLINE ELECTRONIC BANKING™

ATS Opens the Doors to Automated Sales and Subscriptions
Take checks online, get paid today!

Paper-Trail Option

The best way to do business with your large ticket sale, new or unfamiliar customers. All transaction records and documents are on hand for scrutiny and verification by operations and bookkeeping staff. It's business as usual, just automated!

EFT Paperless Option

Have a large transaction volume? Lots of repeat customers? You're ready to move into an EFT Paperless option with all the professional features you need to support high-volume business. Don't wait, automate!

Available in both the U.S. and Canada.

ATS Automated Transaction Services

2026 Bridgegate Court
Westlake Village, CA 91361
Fax: (805) 379-9772

Call Today!
805-379-9271
Internet: ats@jbsabbs.com
FidoNet: 1:102,641

PRO DESIGN, INC.

P.O. Box 14314 Albuquerque, NM 87191-4314

(505) 244-0488 Voice

(505) 244-0650 Fax

(505) 244-0000 BBS

Call today to place your order or request our product catalog!

CINECOM CORPORATION

Crystal Vision

formerly known as

MjrFIDO
QWKENING
MAILGATE
ZONE RAIDERS III
NOTIFY

Galacticomm

Worldgroup
The Major BBS
User Six-Packs
Advanced LAN Option
Internet Connectivity Option
RIPaint Add-on Option
The Major Database
Shopping Mall
Fax/Online
Search and Retrieve
Dial-Out
Major Gateway/Internet
Entertainment Collection

look what's new

TeleTALK
*picturephone for
Worldgroup*

coming soon...

TeleNOTES

CheerSoft • DataSafe • Durand • Emerald Palace
Parallax • Sirius Software

CINECOM is your AMBASSADOR

CINECOM also offers

On-Line Service Provider.

Custom WWW/HTML

CINECOM supports every need

Page Development

of your online service.

CD-ROM Pressing

CINECOM resells for only the

In House Consulting

BEST Independent Software

Hardware Sales

Vendors (ISVs), producing spec-

Pioneer CD Changer

tacular add-on products for

GalactiBoards

your system. CINECOM address-

GalactiBoxes

es every need to bring your on-

and Training

line service to life!

IN HOUSE TRAINING COURSES

Beginning Course

Introduction to The On-line Service World

- Sign Up
- Forums
- File Libraries
- BBSDRAW
- Teleconference
- QWK Mail
- Locks & Keys
- Constructing Menu Pages
- Electronic Mail
- Menu Tree
- Choosing a Service Model
- Text Blocks

Advanced Course

Customizing Your On-line Service

- Effective Backups
- Communication Boards
- Novell
- QWK Mail
- WWW & HTML
- MHS Gateway
- Internet
- Modems
- Archie
- UUCP & INN
- Text Search Engines
- Database Engines
- FidoNet
- Lantastic
- Telnet
- FTP
- Gopher
- SLIP & PPP

CALL 1-703-680-4733

CINECOM Corporation

15621 Neath Drive

Woodbridge, VA 22193

(703) 680-4733



WORLDGROUP
Online Interactive Software



<p>Increase Your Membership!</p> <p>EZ-Mailer will drastically increase your membership by automatically mailing new signups literature. Our dedicated staff prints and applies mailing labels on ANY kind of flyer or booklet you wish your new signups to receive. We'll even pay up to 50% of the cost of your advertising! EZ-Mailer is guaranteed to work or your money back. EZ-Mailer software can even mail birthday cards and holiday cards to your users automatically at the appropriate time. Call for more information.</p>	<p>Split Screened 1 to 1 Chat</p> <p>Chat-Now is split screen one-on-one chat for you and your users. Chat-Now splits the screen into three portions. You'll see your own typing, keystroke by keystroke in the top window. You'll see the other user typing in the middle window. The bottom window will contain the bbs. Chat and use the bbs at the same time. TAB or CTRL-Z toggles between typing in the top window or using the bbs in the bottom window. Special Sysop forced chat mode included allowing you to toggle suspension, deletion and more. \$125</p>	<p>Ultimate Globals Package!</p> <p>There are many reasons our globals package is far superior than any other on the market - over sixty of them. Ultra-Globals v2.0 contains well over sixty functions as well as the most powerful and customizable userlist ever available. Ultra-Globals has just about all the features of every globals package out there plus many features unique to Ultra Globals. \$79</p>
<p>Advertise or Inform Users!</p> <p>Executive Informer does it all. <i>Bulk Email, System News, Commercials & Logoff Messages</i> may all be sent to users by <u>any combination</u> of <i>class, key held, key not held, age or sex</i>. Each message may be given an <i>expiration date</i> after which it is deleted and/or no longer shown. Bulk Email supports file attachments. System News, Commercials and Logoff Messages may each be shown in any of several <i>looks</i>. Commercials are displayed at timed intervals. \$79</p>	<p>Split Screen Multiway Chat</p> <p>Multi-Chat permits your users to be in live, keystroke by keystroke chat with many users at the same time. Up to four users may participate in each multichat session. Special mode available allowing Multi-Chat participants to send pages to users anywhere on the bbs. \$125</p>	<p>Make Key Control a Snap</p> <p>Not Keys is the <i>original</i> key control package. New version allows you to give Not-Keys to classes as well as users. Additionally Not-Keys now also features <i>Take-Keys</i> which will remove keys from users on a certain date. Not-Keys is accessible by <u>global command</u> for maximum convenience. \$49</p>
<p>BBS to Pager Interface!</p> <p>Bulletin Board Systems and Digital Paging have <u>boomed</u> in the past year and now you can use your Major BBS to get the best features of both tools. Major Pager allows your users to page one another using your bbs. Major Pager even allows users to be paged when they receive an <i>email message</i> allowing them to respond quickly to those important messages. Charge your users whatever you want to use these features! \$79</p>	<p>Improved Textfile Viewing</p> <p>File Viewer permits your users to look through any length textfile by scrolling up or down a line at a time, a screen at a time or any number of lines at a time. File Viewer also permits keyword searches and can optionally allow users to download the file they are viewing. File Viewer even supports command concatenation allowing you to make menu options that immediately pull up textfiles. \$79</p>	<p>Audit Trail Searching</p> <p>Query is a small but powerful program that allows you to find important information. Search for text within the audit trail, show a list of users that hold a certain key and more online. Each feature is individually keyed. Results may be outputted to the screen or a textfile. \$49</p>
<p>Monitor Certain Users Globally</p> <p>Global Monitor allows you to monitor users in a split screen mode. Easily use the bbs while monitoring. Monitor users by userid, key and class. Global Monitor uses global commands, all functions may be accessed globally! \$79</p>	<p>Let Users Colorize Your BBS</p> <p>Using Colorific your users can colorize your entire system. Color may be put in <i>teleconference messages, whispers, pages, registries, email and forum messages</i> (using line editor). Colorific also supports <u>extended ASCII</u> and blinking text. Each feature is individually keyed allowing you to choose what users may do. \$25</p>	<p>Display Ticker Tapes</p> <p>Ticker Tapes are those eye catching messages you see on television that give stock information, sports scores and weather information. This module allows you to display these scrolling messages to your users. Ticker Tape can display up to 440 characters per message. Several different messages may be shown to users by key. \$79</p>
<p>Chat Anonymously!</p> <p>Nobody will know who said what in Anonymous Teleconference. Each user may pick his or her own Alias upon entering Anonymous Teleconference. <i>Whispers and actions</i> are supported. Special <u>sysop mode</u> allows staff members to see real userids. \$49</p>	<p>Edit Menu-Tree Online!</p> <p>Completely edit your menu-tree while online your bbs. Changes take effect immediately without the need to take the bbs offline. Add module pages, menu pages and file pages with your system online. You may even look at a <u>graphical representation</u> of your menu tree! <i>Pruning and Grafting</i> also supported allowing you to easily move entire submenus. You may also change command letters, keys required, page names and everything else you may configure offline. Online Menu Tree Editor is a must have! \$89</p>	<p>More Exciting Products</p> <p>User Information Editor - Replacement for Account/Display Edit allows you to remotely edit account information & control what information users may edit on their own accounts. \$64</p> <p>Accounting Automation - Accept Credit Cards, 900# and make your own Subscription ID's with our accounting package \$39</p> <p>Credit Exchange - Allow users to exchange hours for days or vice versa. Let them play games of chance requiring credits & more! \$39</p> <p>Dual Password Security - Let each user pick a second password which activates certain keys when they enter it. \$39</p> <p>Who Cares? - Keep unwanted entries from being made in your audit trail \$29</p> <p>Autopost - Let your users leave messages for the next few callers. \$15</p> <p>Graffiti Wall - Allow global posting & viewing of anonymous 'graffiti' messages. \$15</p> <p>Boca 16 Port Serial Board - We make custom length (null or normal) cables for this fully compatible, high speed serial board. \$219</p>
<p>Global Teleconferencing</p> <p>Global Teleconference allows your users to participate in up to <u>thirty-six</u> channels <u>simultaneously</u> out of a possible two billion. <i>Action words</i> and a special <i>inchat mode</i> are included. \$49</p>		

Cheersoft

457 Highway 79
Morganville, NJ 07751

Call for a free
catalog &
demo disk!

800-466-1318 x4300

Order Hotline

Prices Subject to
Change without
Notice

Voice: 908-591-1234
BBS: 908-591-1171
Fax: 908-591-8652

New products and price promotion unveiled for The Major BBS for UNIX

by Ken Maier
Director of UNIX Division

January saw the release of The Major BBS for UNIX for two initial operating systems. Since then, we've strengthened our commitment to the UNIX environment with the introduction of four new operating systems and two add-ons.

In addition to the original Solaris 2.3 and BSD/OS 1.1 platforms, we've added Solaris 2.4 x86, BSD/OS 2.0, SCO ODT 3.0, and Linux 1.1.

SCO has a large share of the UNIX market and is the leading choice for government agencies, while Linux is top-quality freeware with a tremendous following among Internet users.

The Major BBS for UNIX's multilingual/multiprotocol architecture can support up to 50 simultaneous lan-


guages or graphical protocols. The Spanish Language add-on option takes advantage of this capability, and allows users to choose Spanish as the language for messages and prompts they see on your system.

The Entertainment Collection is another hot add-on that transforms The Major BBS for UNIX into a complete entertainment system. The package includes a suite of text adventure, ANSI-graphic, and teleconference games. The Action Teleconference enhances the teleconference with action verbs for users.

As a limited-time promotion, we're offering special get-acquainted prices on all the editions of The Major BBS for UNIX. For example, you can purchase a

special four-line Linux version of The Major BBS for UNIX for less than \$1,000. Or, you can buy a 32-line system for under \$6,000. It's an ideal opportunity to launch an online system on the UNIX platform.

For those of you who are already running the DOS version of The Major BBS, be sure to check with us on our special conversion program that offers additional discounts.

Development for the UNIX version shows no signs of stopping. We are working on additional features and, most notably, support for Worldgroup. If you have any suggestions or questions, feel free to give me a call or send e-mail (Ken Maier on the Demo System or maier@gcomm.com). 

GTEK Serial I/O Cards

GTEK BBS-550 W/8 - 6ft. Cables \$395.00

8 port Serial I/O w/16550 UARTS

GTEK Blackboard-4 w/4 - 6ft. Cables \$215.00

4 port Serial I/O w/Guardian Watchdog & 16550 UARTS

GTEK Blackboard-8 w/8 - 6ft. Cables \$515.00

8 port Serial I/O w/Guardian Watchdog & 16650 UARTS

Telemate Voice Node System

Spice up your system by adding full voice mail services for your users. Users are notified when they log on if they have new voice messages waiting. Telemate can be used as a dating service which provides scanning capabilities of user greetings, or as a standard voice mail system. Telemate runs on a separate PC and is connected to your BBS with a null modem cable and special DLL's that run on your system. *Call for more information!*

Digital Consulting Services

800-899-2002

212-697-7340

PO Box 2142

Secaucus, NJ 07094

~~~~Your Connection

TESSIER TECHNOLOGIES, INC. (TTI) has become one of the largest third party vendors by offering an extensive selection of add-on products at affordable prices. We take pride in our products and our main goal is customer satisfaction. Our experience in the BBS industry is second to none. TTI will be more than happy to provide you with any BBS needs you require including: software, hardware, a 900 Service, a Link Service, a Mail Service with Internet, full customization, FREE technical support on our product line, great prices and a friendly staff waiting to assist you in any way.

BULLETIN BOARD MEMBERSHIP COLLECTION AGENCY

TTI started the first 900 service for BBSes four years ago. Since then many new "imitators" have attempted to duplicate our service but now we again move ahead of the pack with our Deluxe 900 Service.*

- No Start-up Fees
 - Receive 82% of Gross Revenues
 - \$10 & \$25 Lines
 - Automatic Phone Number Capture
 - Blocking of Abusive Callers
 - "Sellable" Class, Keys, Days & Credits
 - Daily, Weekly and Monthly Configurable Call Limitations
 - Software Security Against Hackers
 - Daily, Monthly and Total Statistics
- The #1 900 Service in America!
 - Over \$1,000,000.00 in Collections!
 - Dedicated to Galacticomm Product Line!
 - Phone Number Retrieval via WorldLink
- *COMING SOON TO QUALIFIED BBSes**
- YOUR OWN 900 NUMBER
 - Your BBS Name in the Recording
 - Select You Own Dollar Amount (\$10-\$50)
 - Monthly AT&T Reports on Your Line



WorldLink Features: Chat, E-mail, File Transfers, Over 300 Forums, Internet UseNet and Internet Mail!

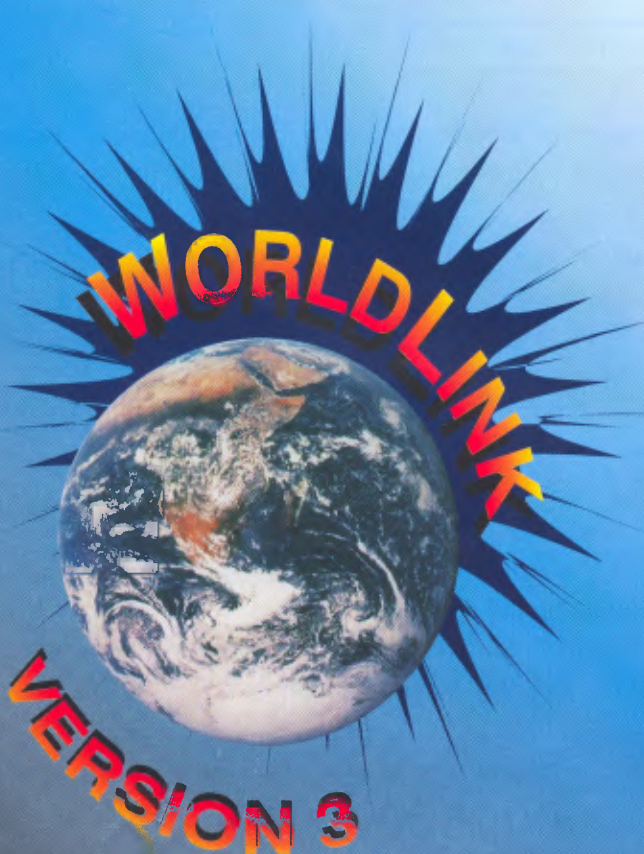
- Global User Paging between BBSes
- Global Chatter Channels between BBSes
- Private One-on-One Chat Mode
- Configurable Multiple Topic Channels
- Adult Channels Keyed for Security
- Full Registry of Users
- Full Screen Message Browser **NEW ***
- UseNet Forums
- Internet E-mail Addresses
- Interactive Games between BBSes **
- Over 40 BBSes Linked 24 Hours a Day
- Deluxe Bulletin Forum Interface **NEW ***
- Full RIP Support in all Modules
- Constant Upgraded Features FREE
- Uses Standard MBBS Forums & E-mail
- File Attachment Supported **NEW ***
- Full Online Configuration **NEW ***
- Uses Standard MBBS Actions **NEW ***
- Link via Hubs, Internet or SprintNet
- Over 350 BBSes using WorldLink
- Adds 250-350 Users To Your Teleconference
- Time not used is not LOST!
- Interfaces with Entertainment Tele. **NEW ***

Starting as low as \$1.00/hour via Telnet or Hubs. Our Current Hubs are located in New York City, Los Angeles, Anaheim, Santa Monica, Oakland, Irvine, Hollywood, San Francisco, Seattle, Chicago, Nashville, Orlando, Tampa, Ft. Lauderdale, Miami, Minneapolis, Montgomery, Grand Rapids and BBS Direct.

WorldLink Software Package \$99.95

* Available end of first quarter 1995

** Sold separately



To The Future! ~ ~ ~



MULTI-USER GAMES

Trivia Forum RIP	\$ 129.95
Oltima 2000	\$ 249.00
Jumble Madness	\$ 89.95
Horse Track RIP	\$ 129.95
BBSopoly RIP	\$ 139.95
Mouse Trap (Maze)	\$ 39.95
Liar Card Game	\$ 39.95
Hearts Card Game	\$ 39.95
Pig Dice Game	\$ 39.95
NovaTrek	\$ 99.00
Crossroads of the Elements	\$ 250.00
Global Destruction	\$ 125.00
Game Connection	\$ 239.00
Trade Wars 2002	\$ 400.00

BOARD GAMES

Profess. Backgammon RIP	\$ 99.95
Tournament Chess RIP	\$ 99.95
Tournament Othello RIP	\$ 99.95
Tournament Checkers RIP	\$ 99.95
Tic-Tac-Toe	\$ 19.95
Board Package (5 Above)	\$ 299.95
Cross-Wordz RIP	\$ 150.00

SINGLE PLAYER GAMES

Yahtzee	\$ 19.95
MicroMind	\$ 39.95
Instant Lotto	\$ 29.95
Video Poker	\$ 59.95
Video Blackjack	\$ 69.95
Mega Madness	\$ 49.00
Card Sharks	\$ 69.95
Pulse	\$ 69.00

SPECIAL UTILITIES

WorldLink Startup Kit	\$ 99.95
Charge Card Manager	\$ 69.95
Major CD	\$ 129.95
Major CD Lan	\$ 89.95
Major CD & Major CD LAN	\$ 199.95
Major Stats	\$ 75.00
900 Service	FREE
Chat-on-Demand	\$ 89.95
Remote Console	\$ 90.00
AMS DOS Shell	\$ 89.00
Line Monitor	\$ 49.00
EZ Fax	\$ 59.00
The File Library Extension	\$ 149.95
Mountain Mail	\$ 149.00
Real Time Cleanup	\$ 149.00
Vircom Major TCP/IP	\$ 700.00
TIA Slip - 8 User	\$ 470.25
Major Pro	\$ 199.00



Major Pro Lite	\$ 119.00
VisaMan	\$ 149.00
Global Power	\$ 49.00
High Velocity Utilities	\$ 100.00
Major Goose	\$ 100.00
Auto Validator	\$ 60.00
Form Editor	\$ 75.00

DATA BASE UTILITIES

Log Master	\$ 39.95
BBS Listing	\$ 39.95
Global Actions	\$ 39.95
Match Maker	\$ 159.00
Online Employment	\$ 109.00
Happy Birthday	\$ 49.00
Major Agenda	\$ 149.00
Omni-Mall	\$ 299.00
BBS Lister w/ MajorNet	\$ 69.00
ADP Phone Lister	\$ 99.00
UserBase	\$ 99.00
City Search	\$ 39.00
AutoRate	\$ 99.00
HelpMan	\$ 49.00
The Newsroom	\$ 80.00



TESSIER TECHNOLOGIES



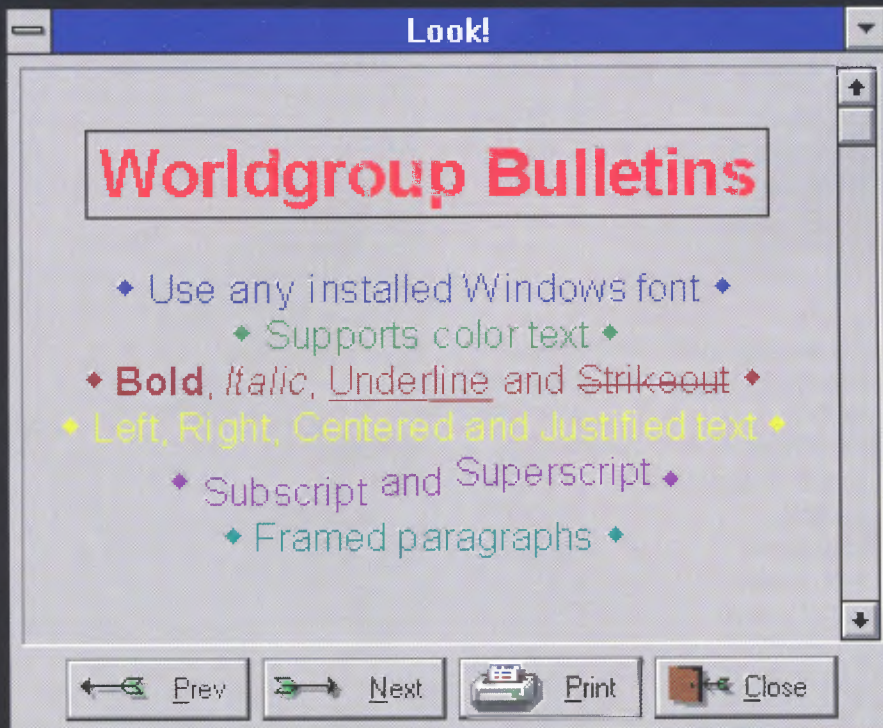
Orders Call: 1-800-473-3177

1876 NORTH UNIVERSITY DRIVE, SUITE 200, PLANTATION, FLORIDA 33322

VOICE: 305-473-5525 FAX: 305-473-2122 BBS: 305-473-2000 TELNET: HS.WISENET.COM IP: 198.69.101.2

THE LABYRINTH PRESENTS...

Bulletins



- Send bulletins by class, key, sex, age, or any combination of the four.
- Sysop uses a full WYSIWYG editor to create and modify bulletins.
- Bulletins can have a lifetime.
- Bulletins are created and modified online.
- Various text colors and styles can be used to jazz up the text.
- Users and sysops alike will enjoy a very simple interface.
- Supports ANSI/ASCII users too!
- Works on-deck (offline)!

49.95

Bulk-mailer

- Works with the Worldgroup client and ANSI/ASCII users.
- All items have defaults.
- You can change the "from" field to avoid replies.
- Messages are not sent until the user logs on.
- File attachments are supported.

49.95

ADD-ON MODULES FOR WORLDGROUP!

The Labyrinth
PO Box 1017
Arcadia, CA 91077-1017

75.95 for both!

The Labyrinth
BBS (818) 794-0490
VOICE (818) 398-9459

Multimedia tools available on the Internet

by Ken Maier
Director of UNIX Division

With Worldgroup, you can create an outstanding multimedia user interface for your Windows-client users with graphics, sounds, real-time video and more. As Sysop, you can display the latest weather images, broadcast audio speeches, and release the latest video clips of movies playing in your area.

To take advantage of these multimedia extensions, you need the appropriate viewer configured under MS-Windows. To help sort through the multimedia jungle of formats and extensions, here are some popular programs:

Document Type: Adobe Acrobat (.pdf)
Browser: ACROREAD
Location: <http://www.adobe.com/Software.html#acrordr>
Description: Based on Portable Document Format (PDF). Easy to print, contains color graphics, fonts and hypertext navigation

Document Type: Audio Visual Interleaved (.avi)
Browser: Microsoft Video for Windows 1.1d
Location: MMEDIA Library on Demo System
Description: Popular video format with embedded audio and video in a single file

Document Type: Audio MPEG (.mp2)
Browser: MPEG Audio Player for Windows 3.1
Location: MMEDIA Library on Demo System
Description: Shareware package that plays stereo MPEG files. Sample stereo files can be found on <http://www.iuma.com/>

Document Type: Misc. sound files (.au, .snd, .wav)
Browser: Waveform Hold and Modify (WHAM)
Location: MMEDIA Library on Demo System
Description: MS-Windows 3.1 application for manipulating digitized sound. Can read/write .WAV, raw 8-bit digitized sound files (.au), and other file formats

Document Type: Motion Picture Experts Group (MPEG)
Browser: MPEGplay
Location: MMEDIA Library on Demo System
Description: Plays compressed audioless animations found on the Internet

Document Type: Misc. Image Formats (.gif, .jpg, .bmp)
Browser: LView 3.1
Location: WWW Library on Demo System
Description: Image file editor that can load/save image files in JPEG, JFIF, GIF 87a/89a, Truevision Targa, Windows and OS/2 BMP

Document Type: Hypertext Markup Language (.html)
Browser: Netscape
Location: <ftp://ftp.netscape.com/>
Description: Popular MS-Windows World-Wide Web browser that supports imbedded images and hypertext links

If you have any questions, feel free to mail me (Ken Maier on the Demo System or maier@gcomm.com). 

I14toSPX

Connect with The Major BBS across a LAN with any I14 compatible program. By loading the I14toSPX fossil TSR program on your workstation, you can use all the fancy features of int14 compatible terminal emulation software like Procomm Plus for Windows to connect with a BBS server running The Major BBS (requires the Advanced LAN-Option).

I14toSPX is a trademark of Online Store AG. Procomm Plus is a trademark of Datastorm Technologies, Inc. The Major BBS is a trademark of Galacticomm, Inc.

\$99.00

ONLINESTORE 
your telecompany

Vorarlbergerstrasse 10
FL-9486 Schaanwald
phone: +41 75 373 66 77
fax: +41 75 373 66 60

Introducing Your Worldgroup™ Solution Providers

At BSI Technologies, we give you the choices that allow you to create a successful online service. Our staff consists of experienced programmers and system integrators with a diverse background in online network technology. Let us be the support team that brings your application online.

If you're thinking about starting your own online service, or need assistance with your existing online service, we can participate in the design and implementation of your vision. Our staff has over 30 years of combined experience in the telecommunications industry and we are dedicated to helping you choose the best software and hardware available to make your system a success. We also offer complete turnkey systems for "plug and play" solutions.



Prototype of a Custom Application

Online Databases:

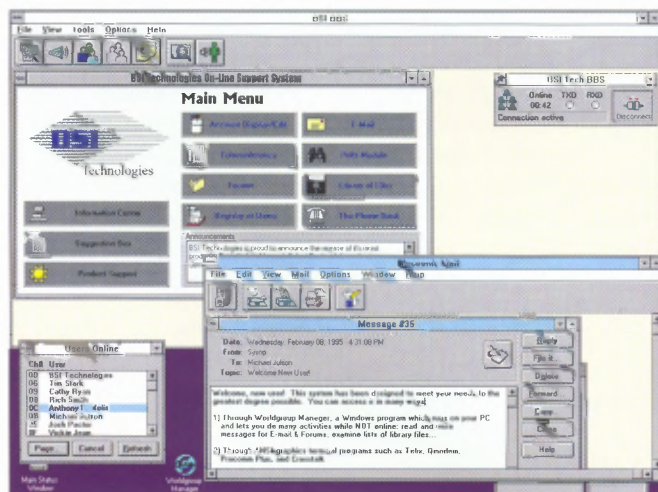
Our xBase programmers can create a build-to-suit solution in record time. Running MultiBase, an advanced client/server database engine, you can connect these powerful applications to your system through either serial connectivity or TCP/IP. And xBasic is our own integrated database solution, specifically designed for Worldgroup, for small to medium sized applications.

Service Contracts:

Monthly and yearly support contracts are offered --- including 24 hour support service --- to guarantee access to technical answers whenever you need them. We also have Help Desk Support for your callers, to eliminate hiring a large staff for your location.

Service Bureau:

For those who don't have the time or technical skills necessary to run their own online service, using our service bureau can be a cost effective alternative. We take care of the details, such as daily backups, off site storage, a disaster recovery plan, and a technical support help desk for your callers, so you can concentrate on promoting your system.



Custom Menu Solutions

Custom Programming:

Need an online feature that no one else offers? Our full-time development team can provide custom applications for Worldgroup written in C, Visual Basic and Assembly. Just give us your specifications and we will design, write, test and install a module that meets your exact requirements.

Training Classes:

We offer a complete line of training seminars for the system operator. From novice computer users to experts, our courses offer all the information you need to get your new online service up and running fast --- or to learn the "tricks of the trade" for optimizing your existing system.

These seminars are available at our educational facilities in South Florida, or they can be delivered on-site and customized to your specific audience.

If you can dream it, BSI Technologies can help you make it happen. For more information, call us for a free brochure of our services at (305) 434-0189.



Voice: (305) 434-0189 info@bsitech.com
 Fax: (305) 434-7116 10030 Griffin Road
 BBS: (305) 434-5619 Fort Lauderdale, FL 3332

A look at the new client/server menus

by Don Pitchford
Software Engineer

Worldgroup Manager is the new shareware client program that brings intelligent participation to the user's end. You can distribute it online or make disks for users.

Similar to WinCIM, CompuServe's proprietary communications program, Worldgroup Manager runs on your users' PCs under Windows. It offers a graphical user interface that is attractive, fast, efficient, and intuitive.

All your familiar services are here, but now they're represented by program icons grouped on a floating window, menu bars, toolbars, pick lists, and other user-friendly graphical elements.

The "/GO" command is now an icon on the main menu toolbar that users click to bring up a list of services — or other areas you would like to provide convenient access to. Paging other users, announcements, who's online, and recent logoffs are other global commands available on the toolbar.

The client/server menu can be completely customized for a unique "look and feel." Use the multimedia extensions we've included with Worldgroup to dramatically enhance your client users' interface with online images and sound. Personalize your system around any theme.

When you create new menus or make other modifications to your users' interface, Worldgroup will automatically update the client the next time they call in. It can even do this in the background while users are enjoying your system's services.

Now: Two Menu Trees

Users can access Worldgroup with the Windows client or RIP/ASCII/ANSI terminals. This flexibility allows your system to be accessed by the widest possible audience. You can also configure a menu option to enable your client users to drop to "terminal mode,"

for a temporary ASCII or ANSI interface. In this mode, they'll be able to easily access programs that haven't yet been converted to client/server.

For your non-client users, you can quickly and easily convert your existing Menu Tree from The Major BBS to Worldgroup. Because the needs and the resources of the two modes are rather different, we've added a second Menu Tree just for client/server users. With it, you can present client applications and terminal mode selections to client users in either icon or list-box form.

The F3 key toggles between client/server and terminal mode menus. Creating menus in client/server mode will be almost the same process as you've used for terminal mode, with a few key differences. As with terminal mode, you can use command strings to take users directly to services for easy access. For example, you can type

(continued on page 63)

Real Time Cleanup

Prevent Downtime With The Major BBS V6.2x

Perform a Complete Forum & E-Mail Cleanup While Your System is UP and running!

Save Expired Messages to a File

Multiple E-Mail Message Lifetime (Keyed)

System Load is Adjustable and based on the number of lines in use

Special 'Turbo Mode' when no lines are used!

\$149

Real Time Cleanup

Dutch Language Add on	\$249
Major CD	\$129
Major CD Lan	\$89
Major Stats	\$75
T.F.L.E.	\$149
Mountain Mail	\$189
Worldgroup Versions	\$CALLS
Major Chase	\$FREE\$
MR_QWK	\$FREE\$
Global Help	\$FREE\$

Custom Programming Turn Key Systems



Mountain Rose Multi Media
Kikkerveen 331, 3205 XC Spijkenisse
The Netherlands
Voice: +31 1880 33083
Fax: +31 1880 41551
BBS: +31 1880-40035



Troubleshooting your modems

by Bert Love
Vice President of Research & Development

Receiving a modem signal is a lot like trying to hear a whisper in one ear with a truck horn blaring in your other ear. As a result, modems are very sophisticated devices. This article will examine the installation of a high-speed external modem and offer solutions to some possible occurrences.

Most high-speed modems feature V.42 bis data compression. This compression can be as high as four to one, although it usually averages somewhat lower. Therefore, a 14.4 modem should be locked at 57.6 Kbps and a 28.8 modem at 115.2 Kbps for maximum throughput. The 14.4 modem can use a serial port with a 16550 UART, while the 28.8 modem will require an Intelligent Serial Kit (ISK) (see "The intelligent solution" on page 37).

Set the POLRATE parameter in Hardware Setup to AUTO. The ABOUT screen of the Main Console will show

you the rate of your fastest channel followed by the actual polling rate if it is different. If you are using 16550 UARTs, the polling rate will normally be one-fourth the rate of the fastest channel rate. If you are using an ISK and no conventional serial devices, the polling rate will be 2400.

Select an init string using the WGSMPREF (see "Generating a modem string on page 52) utility and set the rest of the Hardware Setup parameters. Note that a bad init string can cause many of the problems discussed in this article — and more! It is very important that the correct init string be used.

We're now ready to plug in the phone line and test. First of all, the modem should initialize normally. Look at the MONITOR screen to see what is input to the Worldgroup server. If you kill the channel, you should first see OK, your init string and another

OK. The first OK is in response to an ATZ, which is not echoed. The USER screen should then show MODEM AWAITING INCOMING CALL.

If you don't see any responses at all the modem is probably connected improperly. Try it with a terminal program (Telix, Procomm, etc.) on a standard COM port.

There is one trick you can try to talk directly to the modem from the Worldgroup server. Define the modem's channel as a door. Select the NO HANDSHAKING option. Now log on locally with a Sysop account and enter the door. You will be directly connected to the modem! Be careful, though. If you see RING displayed, that's a call coming in!

Once the modem initializes, it is time to try a test call. Back on the MONITOR screen (Main Console, Alt+M), you should see RING followed by

(continued on page 3)



The Major BBS[®]

SPEAKS FRENCH

for only \$ 199



13, rue Saint Denis
92100 BOULOGNE-BILLANCOURT * FRANCE

Voice: +33 1 48.25.82.00
Fax: +33 1 48.25.82.15
BBS: +33 1 48.25.28.38

French Sysop Version Soon Available

Troubleshooting modems


(continued from page 36)

CONNECT <rate> as the normal connection sequence. The CONNECT is in response to an ATA (answer call) sent by the Worldgroup server, but not echoed by the modem. If the modem does not follow this sequence, the problem is probably with the init string. If it answers directly, then the SENDATA CNF option is set to NO. By the way, it is not unusual for a 28,800 modem to connect at 24,000 with some regularity, but rates slower than this indicate either a bad modem or line noise.

If the call disconnects immediately after connecting, or if you hear the modem complete the training sequence and then disconnect, the problem is probably either a bad modem or the line. Try another modem, if possible. If the problem persists, have the phone company check the line.

Once you have logged on, it is time to test downloads. Download a file of at least 20K. You should realize a download rate in characters per second faster than the modem's line speed divided by 10 (e.g. 28,800 should be greater than 2,880 characters per second). If you're substantially slower than this, the problem may be line noise. Try an init string without error correction and ASCII download a text file. If characters are garbled, the problem is probably line noise — time to call the phone company. If characters are missing, try locking the modem at a slower rate. Start at 9600, just to see if it is working at all, and work your way up. Don't forget to change the init string back to error correcting when done.


Now it's time for uploads. Try uploading a file of at least 20K. The results should be similar to the download test. If not, turn off error correction and ASCII upload a text file. If characters are garbled, it is probably line noise. If characters are missing, you either don't have a 16550 UART or you can try forcing the polling rate to twice that selected by AUTO. Your system may not function as well at the higher polling rate. In that case, you can try locking the modem at a slower rate, as above.

When a noisy line is suspected, making a voice call on the line using a standard telephone is a good way to check for obvious problems. Sometimes the best technology is the oldest! 

The intelligent solution

by Bert Love

Vice President of Research & Development

 We once again set new horizons for multi-user serial communications on a single PC when we introduced the Intelligent Serial Kit (ISK) last December. By combining Equinox's SuperSerial™ Technology (SST) with the power and efficiency of The Major BBS, we achieved an aggregate throughput of over 590,000 CPS at data rates of up to 230,400 bps!

Let's take a closer look at the evolution of this serial technology. The Galacticomm Software Breakthrough Library (GSBL) is the input/output engine used in The Major BBS, and now Worldgroup. The GSBL made it possible to support up to 256 simultaneous users on a single PC in the days when a second COM port seemed more than a PC could handle.

The GSBL used a revolutionary polling technique that is much more efficient than servicing interrupts. This architecture combined with conventional UARTs (Universal Asynchronous Receiver Transmitter) could easily support the fastest modems available when it was introduced. Even today, GalactiBoards and GalactiBoxes are cost-effective solutions for installations of up to 30 or 40 lines at speeds of up to 57,600 bps, using 16550's (a buffered form of conventional UART).

However, as systems grow larger and line speeds spiral upwards, polling overhead can become excessive. Enter the ISK with the RISC-based SST.


To show how the ISK improves performance over non-intelligent hardware, let's trace a block of data along the transmit path. The data is passed from an application to the GSBL in the usual way. The GSBL passes the data to the Equinox driver through the Galacticomm Custom Device Interface (GCDI). This driver then transfers the data to the host controller board through a memory mapped region. Here's where the savings in processor time comes in. Several thousand bytes of data can be dealt with at the speed of a memory-to-memory copy! Sure beats polling a UART more than 56,000 times

a second. That's what it would take to transfer data at 230,400 bps — if a processor existed that could support it!

On the host controller board, the 30 MHz Equinox SuperSerial Processor (SSP) takes over. There are actually two such processors on the 128-port host controller. That's right, a host controller board can have more processing horsepower than the CPU it's supporting!

The SSP coordinates the transfer of data to the port module (either 8 or 16 ports) over a proprietary high-speed expansion bus. The port module in turn transmits the data out an RJ-45 port, which is usually adapted to EIA-232 to connect to your modems, ISDN terminal adapters, doors computers, or other serial devices. Receive data retraces the same path. It should be noted that the host controller board can buffer several kilobytes of data (varies with configuration) for each channel so high-speed bursts will never result in data loss.

So there you have it — an exhilarating ride through the world of high-speed communications. With intelligent processing, extensive buffering and memory mapped data transfer, the Intelligent Serial Kit processes up to 128 ports of data at rates of up to 115,200 bps (64 ports up to 230,400 bps). Need more ports? Add another board! You can have up to 8 host controllers in a single CPU. Also, the ISK will work in parallel with your existing non-intelligent boards, such as GalactiBoxes and GalactiBoards.

Some of you may have heard about an occasional echo delay when using ISK. In our zeal to optimize efficiency, a situation existed that allowed data to be delayed up to a second or more on heavily loaded systems. This didn't affect file transfer performance, but it was an eternity to the poor soul waiting for his keystroke to echo. The driver has since been revised (Version 1.1) to delay data no more than 1/18th of a second. If you need this update, just give us a call. This change also makes ISK fully compatible with Game Connection from Sirius Software. 

Programmer's Interface: The Worldgroup Platform

by Chris Robert
Director of Technology

When our development team designed the Worldgroup platform, we decided to invest a lot of effort into the foundation as something we could continue to build on for years to come. Even more importantly, we wanted Independent Software Vendors (ISVs) and even enterprising Sysops to be able to build on our platform. The result is a client/server development platform that harnesses the power of both server-side C code and client-side Visual Basic (VB) code.

Worldgroup's server software runs on your host machine under DOS. It manages *agents*, the server portion of client/server applications. The client software, Worldgroup Manager, runs on your users' PCs under Windows. It manages *apps*, the client portion of client/server applications. Client apps make requests of the server. These requests are serviced by server agents.

The link itself uses the Galacticomm Client/Server Protocol (GCSP). The best thing about this multithreaded, error-correcting protocol is that you, as a developer, don't

need to worry about it at all. The protocol is managed entirely by the GCSP engine on both the client and server sides. Even file transfers are handled for you in a transparent fashion. Since we've already taken care of the nitty gritty involved in the actual client/server link, you can focus on the functionality of your application.

A typical client/server application consists of an app and corresponding agent. Since the Worldgroup server distributes apps to clients and updates them automatically, add-ons still plug into the server with a simple A:INSTALL.

Client Apps

Armed with the GCSP engine, Visual Basic, and the myriad of other tools available under Windows, client apps run the show. They can utilize 100% of the resources available on the client machine: stunning graphics, sound, animation, etc. You can create and modify such apps very easily because of the work Microsoft and hundreds of other well-known companies have put into Windows-based development tools.

Visual Basic is amazing. What it doesn't do for you, hundreds of add-on tools are bound to. You can even access the Windows API calls directly from VB to have complete control.

For communicating with the server, the client app reads and writes data in the form of *dynapaks*. A dynapak consists of a name and a value. The value can be either a block of data (structure, record, etc. up to 16K in length) or a DOS file. The GCSP engine handles the transport of all dynapak requests and values. The app makes the requests, the agent services them, and the GCSP engine is basically the go-between.

The Main Menu app reads a dynapak to get the list of users currently online. The E-mail app reads a dynapak to get an e-mail message. The File Libraries app writes a dynapak to upload a file. With the exception of the occasional *unsolicited dynapak* from server to client, it is through these reads and writes that the client and server communicate.

The client GCSP engine doesn't just blindly transport dynapaks to and from the server. It caches them as well, transparently increasing the apparent throughput of the link (and thus the apparent responsiveness of the application). The client GCSP engine can even service dynapak read and write requests while operating *on deck* (offline, but still able to work within the context of a system). It is in this way that apps can offer functionality while on deck. In many cases, an app can execute the exact same code whether operating online or on deck!

An app reads and writes dynapaks by making calls to API routines in the GCSP engine. To sit around and wait (with the little Windows hourglass) for a response from the server, *synchronous* flavors of read and write exist. To continue to

TRIPLE YOUR BBS USERSHIP!

90% of the people who own a modem have NEVER used it! Tap this sleeping market! Provide these potential new users with your own custom com software - when they run the program they will be on-line in twenty seconds! For a free sysop pack,

send your mailing address to
banana@montana.com.

Or, download bcustom.zip from
The Montana Banana BBS
(406)543-8234



BananaCom!

Banana Programming
1916 Brooks, Missoula, MT 59801
(406)543-1928 (voice)

operate while waiting for a response from the server, *asynchronous* flavors of read and write also exist. Using synchronous calls, app code is very linear. Using asynchronous calls, app code is more event-driven. Most apps use a mix of synchronous and asynchronous calls.

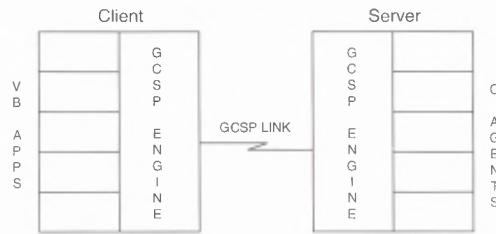
Really, the biggest thing to note about client app development is that it's in Visual Basic. We only used a single add-on control when developing our baseline apps. We restricted ourselves in this way so that people modifying our apps would not need to purchase a lot of add-ons. But, you need not be so restricted. You can go wild and make use of add-on controls for everything from voice recognition to virtual reality.

Server Agents

Server agents run as plug-in DLLs on the Worldgroup server PC. When a read or write request comes in from a client, the server GCSP engine automatically routes it to the read or write handling routine in the appropriate agent. From there, the agent is free to service the request in any way it chooses. When ready with a response, the agent simply hands it off to the engine for transport.

A request can be responded to immediately, or it can take a while. To be called back repeatedly by the engine over time (cycled), the agent simply calls `cycleme()` with a routine address to call every chance it gets. By cycling, agents can perform things like database searches in order to respond to a request. The agent can also communicate with other channels, wait for real-time events, or do anything else in order to service a client request.

The client can handle doing many things at once, since it's running under Windows. Although not running under



The Galacticomm client/server model

Windows, the server can multitask as well. Up to 30 requests can be outstanding on any given channel at any given time. Each request has its own context with per-request memory to keep track of its status. Except for conflict checking where necessary, the engine shields the agent from having to be much aware of this fact. It calls the agent when a request comes in, calls its `cycleme()` rou-

outine as requested, maintains the request's context, and eventually transports the agent's response to the client.

Putting It All Together

The interactions go far beyond what's mentioned above. An add-on's agent will often interact and share code with a terminal mode interface. An app can read and write from any server agent, not just its own. An app doesn't even have to have its own corresponding agent; it can simply use existing server agents.

The Client/Server Developer's Kit is available for \$695. If you already have the source code for The Major BBS, you can update it for Worldgroup for \$149. When you purchase this development kit, you'll receive:

- documentation on developing apps, agents, and terminal mode modules
- source code to our baseline apps, agents, and terminal mode modules

Or, if you're only interested in the client side of things, you can purchase the Client App Developer's Kit for \$295.

This new Worldgroup platform blows open the doors to millions of new possibilities. Here at Galacticomm, we're looking forward to building on this platform in the years to come. We hope you'll join in. 

LOCK-UP BUSTER!

Our ISA card automatically reboots your computer if the BBS locks up!
Can also be configured to reboot after a catastro!

EC Lock-Stop Card

\$199.00

Build Your User Mailing List!

Great for Newsletters & Special Promotions!

Asks if user wants to be listed!
Builds separate mailing list database!
Running totals for easy computation!
Offline formatting for easy mailings!

Tap a Goldmine! EC MailMan \$125.00

EC Computer Services

Sales: 800-949-2668
415-703-6170
Fax: 415-703-6175

THE BEST 28,800 BPS CONNECTION

NOW WITH V.34



SupraFAXModem™ 288 — starting at \$219.95

It's time to separate theory from reality. Some 28,800 bps modems claim to be four-times faster by offering sensationally high throughput. But sensational throughput depends on sensational phone line conditions. Not a reality in today's telecommunications. In the real world of less-than-perfect phone lines, the SupraFAXModem 288 outperforms all the competition. But don't take our word for it — just look at the reviews. It has also won award after award for outstanding value. For a surprisingly low price you get Supra's top-of-the-line feature set including: **Silent Answer™** for voice and fax line sharing, **Flash ROM** for easy field upgrades, **top-rated fax and data software**, and **Supra's five-year limited warranty**. Plus, all internal PC models are designed with **SupraSmart™ technology** for a super-efficient modem-to-computer interface! It's time to separate theory from reality — the SupraFAXModem 288 offers the best 28,800 bps connection available. And that's a fact. **Call Supra at 800-727-8772 today.**



PC Computing
BEST 200
June 1994



Supra Corporation



Specifications subject to change. All trademarks belong to their respective companies.

7101 SUPRA DRIVE SW • ALBANY, OR 97321 USA • PHONE: 503-967-2410 • FAX: 503-967-2401 • SUPRA GmbH • CARL-FRIEDRICH GAUSS STRASSE 7 • D-5024 PULHEIM-BRAUWEILER • GERMANY • PHONE: 49-22-34-985910



"Its ability to plug-away through poor line conditions puts it in a whole new league." Computer Shopper, July 1994

1st Place — PC Computing, "Great bundle with bargain price—our winner was a favorite with testers." June 1994.

★★★★ — MACWORLD, "Supra is paving the way for life in the fast lane." August 1994.

Worldgroup offers extensive documentation for you and your users

by Marc Fountain
Technical Writer

If you want to know anything about Worldgroup, the answer is at your fingertips. Worldgroup's baseline package comes with documentation on disk and on paper, both designed for rapid access.

For your users

WGM Help is a collection of context-sensitive Windows Help files for Worldgroup Manager, the client software that runs on the user's PC under Windows. With the click of a Help button or the press of the F1 key, a user can immediately bring up an

explanation of the service he is currently using.

Many help topics are not directly referenced by Help buttons or the F1 key, but instead are hypertext-driven. When users click on hotspots (green text within the help text they are reading) or the Search button on Help's toolbar, a second help screen emerges. These hotspots provide in-depth explanations and definitions that users can browse. We included in the Search button's keyword list every synonym we could think of for every help topic. Even colorful graphics are

available to explain concepts visually where needed.

Worldgroup Manager users who register their clients with us will also receive printed documentation to reference. With the addition of even more graphics and sample screens, *User's Guide* shows client users how to get the most out of Worldgroup.

We haven't forgotten terminal-mode users, of course — those using ANSI, ASCII, or RIP. WGSUSER.DOC is a file you can automatically e-mail to new users who reach your server

(continued on page 63)

TWO UTILITIES YOU MUST HAVE

**MENU
MAGICIAN**
\$150.00

Edit your menu tree while your system is still on the air, saving hundreds of hours of costly down-time. An invaluable sysop tool, especially if you manage your system remotely. You'll wonder how you ever lived without it.

The Menu Magician is also designed to interface directly with the Metakeys.

Free demo available!

**ONLINE
CHECKS
DIRECT**
\$125.00

Offer your callers the convenience of purchasing credits or subscriptions on your system by filling out a check online! Over five times more consumers have checking accounts than credit cards! Just set up an account with American Banking Systems, put Online Checks Direct on your system, and you are ready to go!

Free Demo Available!



HIGH VELOCITY SOFTWARE

Post Office Box 33455
Phoenix, Arizona 85067



Telnet: garden.hvs.com

WWW: <http://WWW.hvs.com>

FTP: hvs.com

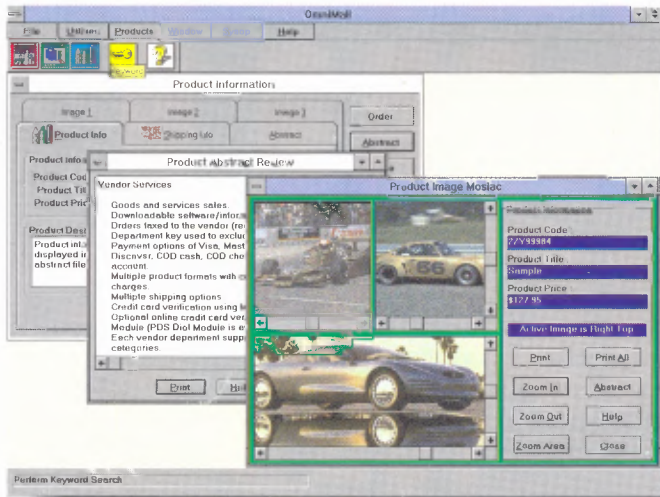
Product Orders: (800) 572-5582

Voice Support: (602) 234-2207

Demo BBS: (602) 222-3000

Omni-Mall™ - \$499

Omni-Mall is a complete online shopping system allowing you to sell your products online as well as offer space to other merchants. Omni-Mall supports sales of products, services, and software such as programs, database information and valuable text files. Existing Omni-Mall owners can upgrade to this Worldgroup version for only \$

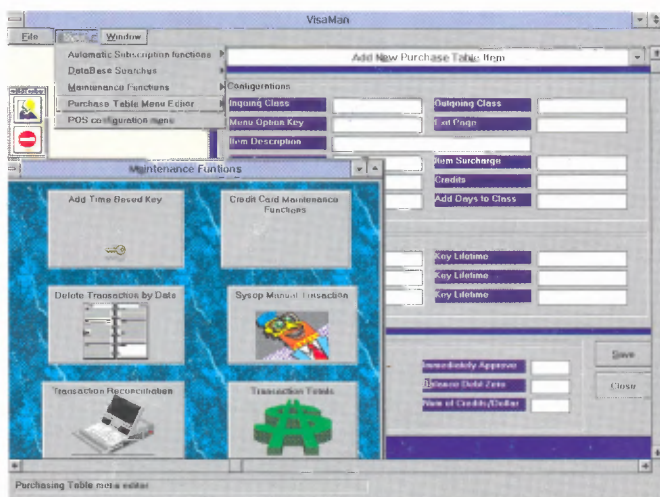


FEATURES

- Worldgroup client/server interface
- Context sensitive help
- Integrated online image support (GIF, JPG, TIFF, PCX, etc.)
- Automated online sales
- Sell downloadable software products
- Faxing of orders (requires Fax/Online)
- Includes offline import/export utility program
- POS Dial compatible for instant online credit card approval
- Credit Card numbers mathematically verified
- Tax Rate and State to be taxed
- Purchase reports by user-id, product, and credit card number
- ANSI/ASCII/RIP Terminal mode support

VisaMan™ - \$199

The premier credit card subscription module for Worldgroup. Your sales may increase by over 100% if you accept credit cards online! VisaMan can process credit card purchases instantly when used with our POS Dial Module! Existing VisaMan owners can upgrade to this Worldgroup version for only \$25.



FEATURES

- Worldgroup client/server interface
- Context sensitive help
- Accepts Visa, MasterCard, American Express & Discover
- Integrated 900 number support (coming soon)
- Unlimited purchase options configurable online
- Each purchase option is keyed for access
- Sell credits, class changes, and permanent or temporary
- POS Dial Compatible for instant online credit card approval
- Credit Card numbers mathematically verified
- Optional online validation form
- Optional sales tax
- Purchase reports by user-id, date, and credit card number
- Lockout credit card numbers you never want to accept
- ANSI/ASCII/RIP Terminal mode support

DataSafe
Publications, Inc.

Call for a **FREE** Product Catalog

3301 Juan Tabo NE, Suite 113 Albuquerque, NM 87111

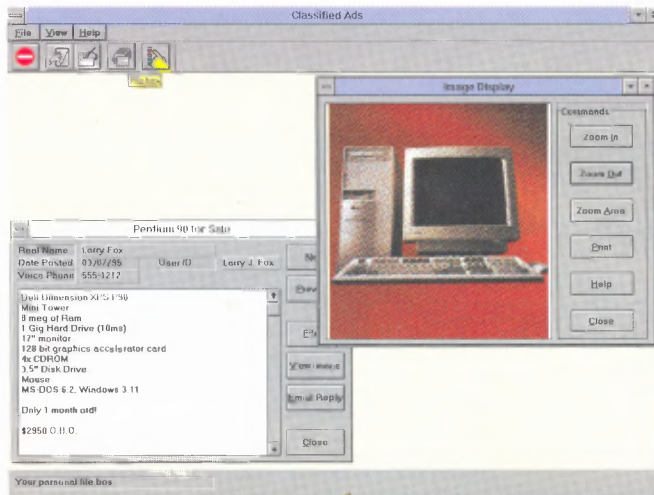
80
50
50

Marketplace™ - \$399

Marketplace is a user friendly, menu driven classified advertising database. Marketplace allows you to charge by the word or by the ad. Collect payments by credit card, checking account debit, or by deducting credits and/or days. Marketplace can process credit card purchases instantly when used with our POS Dial Module! Callers can be notified when logging in that new ads were posted in categories they specify.

FEATURES

- Worldgroup client/server interface
- Context sensitive help
- Integrated online image support (GIF, JPG, TIFF, PCX, etc.)
- Optionally charge by the word or by the ad
- Accepts Visa, MasterCard, American Express & Discover
- POS Dial compatible for instant online credit card approval
- Credit Card numbers mathematically verified
- Online Checks Direct™ compatible for checking account debits
- Callers can search all ads or only ads within a category
- E-mail responses to the advertiser
- ANSI/ASCII Terminal mode support



POS Dial - \$250

The Point Of Sale (POS) Dial module interfaces with VisaMan, Omni-Mall, and Marketplace to perform automated online credit card processing. Never worry about manually processing credit card sales again! Additionally, we can set you up with your own merchant account so you can accept credit cards. Call us for an application!

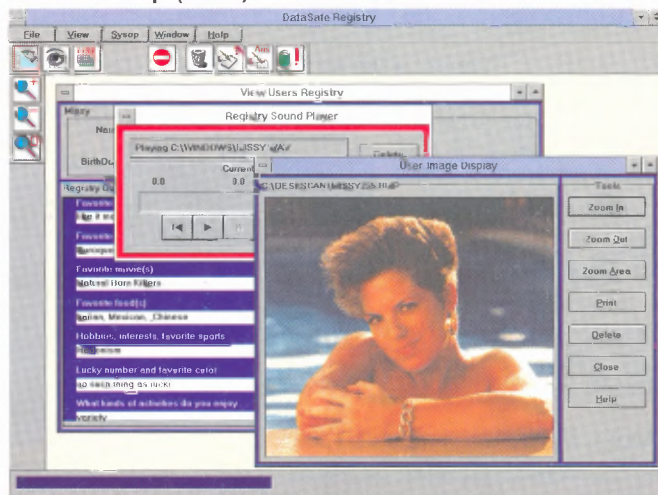
Call for a Merchant Account Application!

Multimedia Registry - \$199

Multimedia Registry is the ultimate user registry database! Supercharge your online service with sights, sounds, and online configurability. In addition to answering sysop defined questions, callers can include a picture (GIF, JPG, TIF, PCX, etc.) of themselves along with a sound clip (WAV).

FEATURES

- Worldgroup client/server interface
- Context sensitive help
- Integrated image support (GIF, JPG, TIFF, PCX, etc.)
- Integrated sound support (WAV)
- Integrated e-mail replies
- Sysop can add/modify questions online
- Sysop can delete/modify individual entries
- Find entries by user-id or partial user-id
- ANSI/ASCII/RIP Terminal mode support



-870-0004 Orders

-294-4980 Voice

-294-8225 Fax

505-294-1575 BBS

Telnet: 199.190.74.3

WWW: <http://199.190.74.3>

DON'T YOU DARE..

..complain about missing features, if you didn't see our products!

The File Library Extension

Full Screen ANSI and RIP library selector

Network CD-ROM support

Login a complete CD-ROM by uploading a FILES.BBS

Merge up to six paths into one library



Special Pioneer Jukebox support

Convert GIF-Pictures into JPG

Insert your ZIP-comment into every ZIP-file from CD-ROM



Lightning fast ALLFILES.BBS and NEWFILES.BBS builder

Offline FastTag system Users can browse, search and tag files offline

Scan EVERY file for viruses!

Automatically login a specified number of files each night

Convert files to the compression method of your choice

'Touch' a file so it's new every day

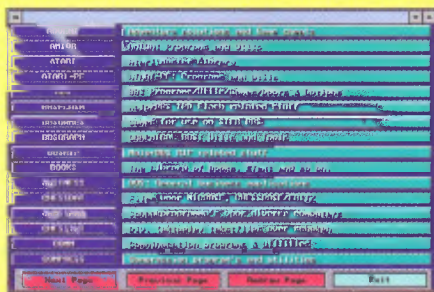
Send multiple new file lists to different forums for QWK-Users

Offline program to build custom FILES.BBS

Adds commercial to GIF-Pictures

Easy to install, easy to use, easy to translate and easy to configure

More, More, More....



Major CD

One of the best sold modules ever!
Over 1,500 copies sold

Full Screen ANSI and RIP tagger



Offline QuickTag system

Upto 255 CD's online

Special Pioneer Jukebox support

Insert ZIP-comment into every ZIP-file

Background processing of file requests

Special network support for even faster retrieval of file requests (optional)

Easy to translate or modify (no text hard coded)



Major CD \$129
Major CD Lan \$89
CD Express \$49
The File Library Extension \$149
Worldgroup Versions \$CALL\$

Tessier Technologies, Inc.
1876 N. University Drv, Suite 200
Plantation, Florida 33322
Orders: 1-800-473-3177
Voice: (305) 473-5525
Fax: (305) 473-2122
BBS: (305) 473-2000

Mountain Rose Multi Media
Kikkerveen 331
3205 XC Spijkenisse
The Netherlands
Voice: +31 1880-33083
Fax: +31 1880-41551
BBS: +31 1880-40035

Sirius Software, Inc.
1049 Cardiff
Casper, WY 82609
Voice: (307) 237-0065
Fax: (307) 265-4452
BBS: (307) 237-2112

Galacticomm unveils new ISV program

by Jeff Torello
ISV Program Manager

The open architecture of our products and the array of top-notch Independent Software Vendors (ISVs) who build on top of our platform have always been our two biggest strengths. Worldgroup takes this to a whole new level. Developers can now write client applications using Visual Basic.

With the resources available for this world-renowned programming environment, we expect to see this entire market explode with all types of quality add-ons and extensions: multimedia registries with pictures and sound, live audio-video teleconferencing, classified ads with images, great new games, and more. The opportunities are just beginning!

To help guide you through this flourishing product maze, we've created an ISV program. We are committed to making this program one of the best in the industry.

Have you ever wondered if a product existed for a solution you're seeking? Maybe you've always wanted to customize your system beyond the base platform. Perhaps you've heard about a product that does exactly what you want, but you don't remember who sells it or how to find them. Now there will be a single place to go for the answers to all of these product questions.

We expect the ISV program to strengthen our relationships with both our customers and our valued vendors. The program will provide a number of benefits, including an ISV product database, committed vendors and high-quality products.

The ISV product database will be a repository of information about all available ISV products. Our sales force will use this database to immediately answer your query about a product and give you information, such as where to purchase the product; a detailed description of its features; contact information, including resellers and e-mail addresses; the product's expected cost;

and any companion or related products. This database is currently under construction and is expected to go into operation in the early summer.

We have designated different ISV levels, each with its own set of qualifications:

- **ISV** — Entry level for Worldgroup vendors.
- **Registered ISV** — Vendors with multiple products, specialized experience, and full-time staff.
- **Business Partner** — Works closely with our Network and Integration Services division to provide customization, consulting, training, and other specialized services.


With this exciting new program in place, we will work more closely with our ISV community to build strong working relationships, share knowledge, and create the highest quality add-on products.

Development and coding assistance, new product ideas, brainstorming, and

special projects are just a few of the ways we will interact with our ISVs. With an open line of communication and a single source to turn to, vendors will be able to exchange information with us in a timely manner. They can tell us about the products they are thinking of creating, and we can tell them about the products you're asking for.

We'd like to hear your ideas for products that you'd like to see developed, or suggestions to enhance your Worldgroup system.

If you have questions or comments or just want additional information about this program, don't hesitate to contact us. For those of you who would like to join our ISV community and create products for the Worldgroup platform, we'd love to hear from you too.

You can reach us by sending an Internet message to isv@gcomm.com, sending e-mail to User-ID ISV on the Demo System, or calling 305-583-5990 ext. 137. 

Canadian Micro Werks

Money Management with Credits And Subscriptions Here. Let CASHere manage the sale of your credits, class changes, keys and now cash! Define multiple combinations to allow your members to choose what they want, when they want. CASHere supports the major credit cards too! (MajorPro version only \$50.00)

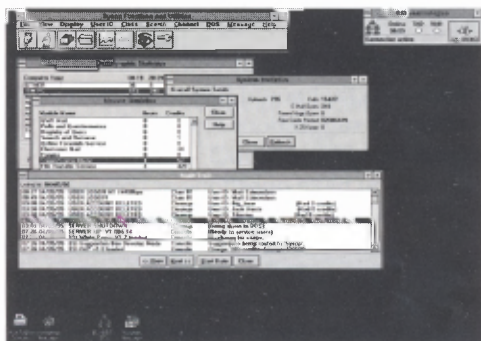
System Management is easier using CMW Manager. Track expenses and income, vendors, modules and vendor contacts. Keep track of your MDF's, .BAT's, channel groups and more. Re-create MDF and BAT files if needed! \$99.00

Contact **CMW** at 403-456-7455 (voice), write Apple@MLM or Canadian Micro Werks@GCM. Full demos are now available in the GCOMM library or call Malum at 403-449-6401 (14.4 kbps).

Five New Worldgroup™ Add-ons from BSI Technologies

BSI Technologies Inc. is the leading solution provider for Worldgroup. Our programming staff is experienced in C, Visual Basic, Assembly, and xBase and has extensive experience in working with Worldgroup applications. We've put these talents together to bring out a whole line of products for client/server choosing from our existing line of add-ons and adding several new ones as well. These applications have been enhanced to take advantage of all the new functionality available in the Windows environment. Take a look for yourself, and see what the new client/server applications have to offer to your system!

Sysop Functions and Utilities



Sysop Utilities is the client/server based program that no Worldgroup system should be without. The program is run from a floating toolbar

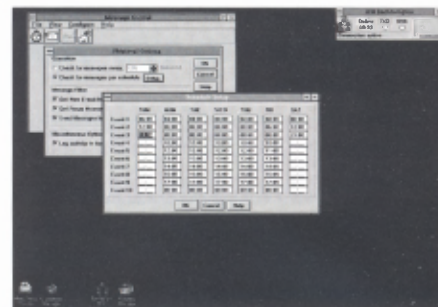
with drop down menus. Once you use this utility, you may never want to use the ASCII/ANSI Remote Sysop interface again. \$249

Guest

Allow people to log on to your system and look around, by typing Guest at the User-ID prompt. No confusing passwords, no long questions, and most importantly, NO hassle! The number of guest logins, what channels they are allowed to use, as well as the name "Guest" is all configurable. The guest user-id's you select are placed in classes, with keys, just like a normal user. \$99

Message Central

Message Central allows your users to retrieve E-mail and Forum messages automatically from your Worldgroup system without the hassle of manually running



E-mail and Forums! Message Central can also be used to automatically upload messages waiting in your user's Outbox as well.

Users configure the program to operate on a timed interval or on a preset schedule with up to 10 timed events per day, 7 days a week. For example, they can set the program to retrieve messages at 5:00am Monday through Friday so that when they arrive at the office each morning, their mail is ready and waiting. There is a client based audit-trail to track the programs activity and message counts. When new mail has been retrieved, users are notified by a special icon as well as a configurable audible message at a specified interval. \$249

The World Phone Book

Add value to the time people spend online with the World Phone Book. As the system operator, you can define an unlimited number of categories, with unlimited numbers of entries per category, to give your users a wide range of helpful information. Each entry can accommodate a name, address, phone number, and a space for pertinent information about the entry. Full featured security functions are built in to the World Phone Book. Each category has a key configurable to who can see, use and update it. This allows the system operator to have a user or group of users maintain their own listings. \$249

Worldgroup Marketplace

The Worldgroup Marketplace is a user friendly, online order entry system. A multi-media, searchable, client/server interface allows for complete flexibility. Each market has its own definable payment methods, shipping methods and multiple tax rates. The market manager has control over how orders are processed (E-mail, fax, auto-attached files) and invoice layout. The Marketplace is the ultimate solution for your online sales needs. Price to be determined

Coming
Summer 1995!



Voice: (305) 434-0189 info@bsitech.com
Fax: (305) 434-7116 10030 Griffin Road
BBS: (305) 434-5619 Fort Lauderdale, FL 33328

Major Gateway/Internet improves with Worldgroup's new messaging engine

by Charles Dunn
Software Engineer

The new messaging system for Worldgroup allows you to set up each of your mail systems as unique and independent mail carriers. This means you no longer have to "daisy chain" these different systems together in order to work with MHS.

Major Gateway/Internet (MG/I) takes advantage of this new messaging engine and offers a host of new features. With MG/I as an independent mail carrier, you can restrict access to certain functions and charge credits for each Internet message and file attachment.

These new MG/I features can be configured through the following Level 3 Security and Accounting Options:

GWIKY Key required to write Internet messages

With MG/I — as well as with other mail systems — users can have their own access keys. You can restrict your callers from writing Internet messages, but still allow them to access other parts of your MHS messaging system.

USEKEY Key required to write to USENET

You can allow users to write messages directly to USENET newsgroups through e-mail.

GWICHG Internet message surcharge

GWIAKY Key required to attach files to Internet messages


GWATCH Internet file attachment surcharge

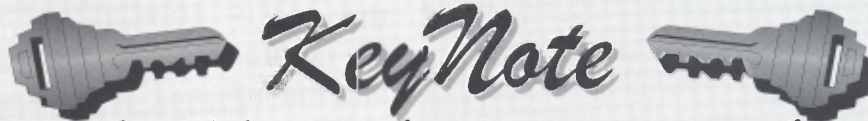
GWIPKCH Internet file attachment per kilobyte surcharge

You can charge users credits for each Internet message they write and allow users to attach files to these Internet messages.

The surcharges listed above are added to already existing e-mail charges. If your base e-mail charge is 95 credits per message, and you have a 50 credit surcharge for Internet messages, it will cost 145 credits to send an Internet message.

You can have different credit surcharges for each mail system.

If you have any questions or comments about MG/I, please drop a note to dunn@gcomm.com. 



The Flexible Lock-and-Key Solution

- Adds over 35 new pseudo-keys including age, time-of-day, gender, credit-testing, and more!
- Special pseudo-keys to add/deduct credits, change the credit rate, grant or revoke keys, and many more!
- Create TempKeys that grant or revoke other keys for a limited period of time, or permanently.
- Set up Key-Ops who can grant or revoke only the keys you give them access to change!
- Create new pseudo-keys by combining existing keys with ExtendKeys!
- Display logon and logoff messages to users based on the state of the users' keys!
- Cooperates seamlessly with other Add-On Modules which enhance Locks and Keys™.
- All the functionality of four other Add-On Modules!
- Free 14-day demonstration version available!
- Too many other features to list here!



Get your free demo version of KeyNote today!
Or purchase KeyNote for only \$50!

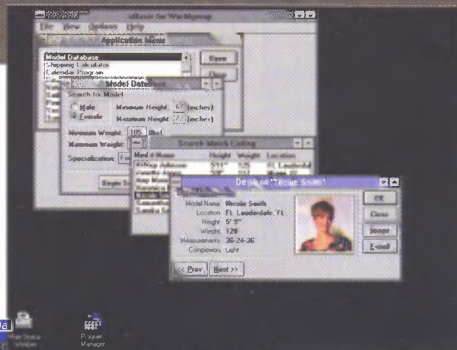
Voice/Fax 913-262-4638 **FTP** <ftp.fileshop.com> (pub/isd)
BBS 913-262-7000 **Mail** PO BOX 28592
E-mail isd@filesop.com Kansas City, MO 64118-8592

The New Age of Online Multimedia Databases Has Just Begun

xBasic for Worldgroup™

xBasic is a powerful online database add-on module for Worldgroup. Using the xBase compatible programming language, along with the Worldgroup specific function subset, you can design and implement online relational database applications quickly and easily. Because xBasic follows xBase standards, it should be relatively simple to convert all of your existing dBASE III+, Foxbase, Clipper and TDBS applications.

Using our Windows based integrated development environment (IDE) you can easily create your own applications. The IDE allows you to quickly access: DOS EDIT (or you can configure it to use your favorite text editor) for writing source code, the xBasic



Model Name	Height	Weight	Location
Janeke Jones	5' 8"	117	Chicago, IL
Ray Monroe	6' 7"	110	Chicago, IL
Barbara Seltic	5' 9"	113	New York, NY
Nicole Smith	5' 9"	128	FL, Lauderdale, FL
Suzanna Toffino	5' 11"	126	Los Angeles, CA

Model Name: Nicole Smith
Location: FL, Lauderdale, FL
Height: 5' 9"
Weight: 128
Measurements: 36-24-36
Complexion: Light
Image: ON FILE
(Press 'R' to retrieve image)

compiler, the .MDF file creator, and the import and

export facilities. Import and export formats include dBASE, FoxPro, Clipper and ASCII SDF.



xBasic Integrated Development Environment

xBasic includes an advanced set of functions used for taking advantage of built-in Worldgroup

features such as the full screen editor (FSE), the line editor, file upload handler, file tag spec/download handler, E-mail, C function calls, and user account database calls. xBasic also allows your program to intercept the initialization, shutdown, logon, logoff, and hangup vectors for your more advanced programming needs.

Features:

- 16 datafiles per application
- Unlimited number of applications
- Image & sound (.WAV) file support
- Call C language functions
- DBF file import/export
- Full-featured IDE
- Reads most Worldgroup datafiles
- Seamless multi-user support

Price: \$895.00

Call to order or for more information
(305) 434-0189



info@bsitech.com
10030 Griffin Road
Fort Lauderdale, FL 33328

Second annual dinner event for Galacticomm Sysops planned for ONE BBSCON

Coinciding with ONE BBSCON in Tampa, FL (Aug. 16-20), Galacticomm Sysops, Independent Software Vendors (ISVs), Galacticomm employees, and other interested individuals will gather on Thursday, August 17, 1995 to attend a festive dinner event with a Polynesian theme.

The dinner will again be hosted by Ira Goldstein and Don Adler, officers of the International Major BBS Association — the users' group for Galacticomm Sysops.

In celebration of Galacticomm's 10th birthday, this year's "Major Polynesian Luau Birthday Bash" will begin at 6:15 p.m. with transportation to the Lupton Luau Pavilion, set on a 100-acre ranch.

Guests will receive a flower lei greeting, be entertained with an island music social hour, and try their hands

(and backs!) at limbo dancing. The guests will indulge in an all-you-can-eat Polynesian Island Dinner Buffet consisting of glazed chicken breast stuffed with wild rice, marinated pork spareribs, Mahi Mahi marinated in dill sauce, huge salads, vegetables, rolls, and beverages.

Dessert includes a specially designed "Galacti-Cake," peach cobbler and ice cream. A cash bar will be available with enticing exotic spirits.

Following dinner, guests will help Galacticomm celebrate its birthday with an exciting Polynesian extravaganza complete with a Fiji Island steel drum and guitar band, authentic fire-eating warrior dancers, and lovely hula entertainment with audience participation.

"After the overwhelming success of the dinner event Don and I hosted in

Atlanta last year, we decided to make this a yearly tradition among Galacticomm Sysops, ISVs, and employees," says Goldstein.

Adler said he expects an attendance of as many as 800 people. A special drawing for computer hardware and software prizes will also be held.

Tickets to the event are \$32.50 and may be obtained by contacting either of the following:

Don Adler
Chatterbox! BBS
(818) 727-7929
sysop@chatrbox.com

Ira Goldstein
The Hard Drive Cafe BBS
(818) 993-4200
ira@hdcafe.com



Murdock Associates P.O. Box 2194 Pinellas Park, FL 34665

Office: (813) 545-8050
Fax: (813) 541-5876
BBS: (813) 544-3372
(813) 541-5876 [Call to download working demos.](#)

- Adventure Writers Toolkit..... \$295.00
Build your own adventure games - Source included!
- Galactic Empire 3.2c..... \$295.00
Real-Time Heart Pounding Space Battle Game
- The Legend of Elyth-Gor..... \$95.00
Interactive Multiplayer Adventure Game - Tough!
- The Announcer..... \$30.00
Nice multi-function announcement module
- Fastpace..... \$50.00
A fantastic multi-function globals package
- Galactic Empire Starmap Utility.... \$15.00
Generate graphical Starmaps of your GE game.
- Newsman..... \$30.00
A great News Bulletin Manager (supports ANSI & RIP)

- Bonus Bonanza..... \$30.00
Automated Award Module - Outstanding!!!
- Utilities Bundle..... \$70.00
Includes Announcer, Bonus Bonanza, and Newsman
- Fast Jack..... \$50.00
An interactive blackjack table for one or more players.
- Rumor Mill..... \$30.00
Spread rumors safely and anonymously.
- User Account Editor..... \$20.00
A replacement for GALUIE with locks and keys.

Worldgroup Add-Ons

- Major Pager..... \$195.00
Page user by name. Get Email on Text Pages. More!
- Credit Master..... \$95.00
Increase usage with online M/C & VISA - Easy to use.
- Dark Room..... \$95.00
You never know who is with you in the Dark Room!
- HyperNews..... \$95.00
Hypertext graphical news paper.
- Rumor Mill WG..... \$30.00
Spread rumors safely and anonymously.

We also provide custom development and BBS configurations - Call for details.

Power-Pak Communications, Inc. to launch "MedWorld" online service

Power-Pak Communications, Inc., an industry leader in healthcare education, is working to develop "MedWorld," the first national online service devoted to healthcare information. The company is building the software using Worldgroup with the assistance of our new Network and Integration Services (NIS) division.

"We anticipate that our system will become the most trusted, visible, actively utilized source for obtaining healthcare information," said Gary M. Cohen, Power-Pak President. "All of the data offered via MedWorld will be of the highest quality and will adhere to the guidelines and ethical bylaws of the healthcare profession."


The NIS division is customizing the system for a unique look and feel with an exciting multimedia presentation and more. The division is also developing industry-specific databases for the system.

"We're very pleased that Power-Pak has chosen Galaticomm to bring MedWorld online," says Ken Royer, director of the NIS division. "With Galaticomm's products, combined with the systems integration skills of our NIS division, we can offer a complete plug-and-play online service for organizations like Power-Pak."

A late June launch is planned for healthcare professionals around the world. Power-Pak's long-term plans for

MedWorld include encompassing all aspects of the healthcare profession and opening the system up to the general public.

Power-Pak Communications uses a comprehensive scope of delivery tools to disseminate a wide range of products and services to healthcare professionals nationwide. Independent national surveys have rated Power-Pak's direct mail program to pharmacists — "Pharmacy Power-Pak" — #1 in readership, availability, and growth for three years in a row.

For more information or to subscribe to MedWorld, contact Sandy Masin of Power-Pak Communications at (813) 269-6900. 

The Genesis Daily News

Outstanding Daily News Service for Sysops

And 9 other outstanding services!

Special Payment Plan for Major BBS Sysops

Daily News Categories Include:

**Headline News, National News, Washington News, Business News
Daily Market Brief, Closing NYSE & AMSE Issues, Entertainment News,
National Weather Brief, News in Health & Science,
World News, News from Canada,**

Sports to include:

**Baseball, Basketball, Football, College Sports, Hockey,
Golf & Tennis, Sports Transactions, Misc Sports, Standings, Etc.**

Plus Four Weekly Categories:

**TV Ratings, Video and Music Rankings
and Weekend Box Office Ratings**



For Complete Online Information Dial 805-473-0224

Specialized online solutions for business applications

by Ken Royer

Director of Network and Integration Services Division

As the world enters a new Interactive Era, corporations are finding that online system technology is cost-effective and feasible. This type of technology allows companies to have the freedom, control, and presence in the online world necessary to keep a competitive edge.

For example, the healthcare industry has taken a major step forward to develop trusted networks that deliver critical, comprehensive information online. One company leading the pack is Power-Pak Communications, Inc., a national healthcare marketing corporation (see article on page 50).

The publishing industry is another pioneer in online technology, where online services are now referred to as "new media." Government agencies are making information easily available online. Schools and universities are offering "virtual classrooms." Corporations are supporting customers better and operating more efficiently. Employees from around the world can work on spreadsheets and reports together and share information and files instantly. And that's just the beginning...

Applications such as advertising tickers, multimedia shopping malls, customized databases, virtual reality games, and more are available on the Worldgroup platform as add-on modules. These modules and the continued development of advanced applications in our Independent Software Vendor (ISV) market can offer your organization an enormous amount of flexibility when developing an online system of your own.

Which solution is for you?

However, identifying a solution that meets your business demands, budget, and processes can be challenging. As computer communications advance, you need to continually adjust your operational strategies to keep pace with the new technology. Making these changes quickly will require an understanding and knowledge of the technologies available, and what those technologies can accomplish.

You can't afford to wait for market demand to set the pace of your business. Instead, begin planning and analyzing the solutions available now and where these solutions can lead. By taking this first step, you have paved a new path that your competitors may not have identified.

With so many solutions available, it's important to be sure the technology you select offers the answer you need. Many new developments present themselves as cutting-edge technology, but structures can be cumbersome, interactivity may be distant, and expansion is not always simple.

One of these new cutting-edge technologies is the World-Wide Web. It's a wonderful advertising tool that reaches a very appealing demographic market. But, the Web is an information presenter and wasn't necessarily designed for

corporate America. Thus, it lacks many of the necessary components that are critical to the success of a true online solution. For example, you cannot track users online or create multiple layers of security access on the Web. However, you can accomplish these things by using an online system, with or without the Web. Internet connectivity and World-Wide Web sites are very powerful tools, so taking advantage of this presence can be beneficial. But it shouldn't be your only solution.

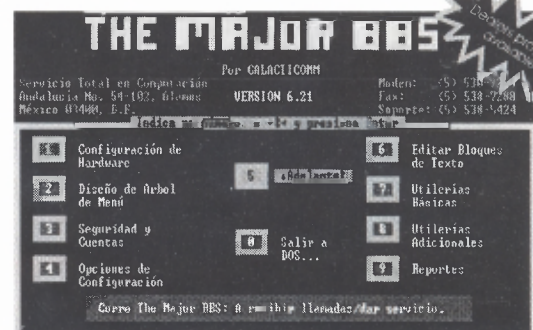
What to look for when you're outsourcing

What should you look for with so many attractive solutions? Well, online solutions historically were either internal network environments (workgroup market) or commercial services (online services market). To have one, you had to give up the other or attempt to work within both environments.

Since the markets are converging, look for a single solution that can deliver e-mail, powerful applications, online

(continued on page 82)

The Major BBS EN ESPAÑOL




Plug and play Spanish BBS and Spanish Language Add-On

Servicio Total en Computación, S.A. de C.V.
Andalucía No. 54-203
Col. Alamos, C.P. 03400
México, D.F.
(5)538-72-88
(5)538-54-24

Internet: stc@tomado.com

Generating a modem string

by Stephen Paradiso
Technical Support Manager

 WGSETUP is a utility that Worldgroup's installation program uses to discover modems on COM ports 1 through 4 and assign default settings to them. (This utility is BBSETUP for The Major BBS.) Since it is a stand-alone .EXE program, you can run WGSETUP any time you change hardware. Once WGSETUP has scanned your system and you've told it what types of modems are being used and where they are located, it writes this information to the Hardware Setup area (option 1 from the Worldgroup Server's Introductory Menu).

When configuring your setup manually, WGMREF is the equivalent of WGSETUP's modem list. When you scroll through the list and select a modem, WGMREF displays detailed configuration information. You can then use this setup information by selecting Hardware Setup from the Introductory Menu. If your modem model isn't on this list, try a choice that comes close. That may work quite well. If not, you can build your own init string. When configuring a new modem, reference your modem manual and create a modem string to meet the following specifications:

Reset to Factory Defaults

This will bring you to a good "starting point" to optimize your settings and is set by the &F command. Some modems have multiple factory default settings for different configurations (&F1, &F2, etc.).

Example: AT&F

Set the Echo to off

This will force the modem to not echo keystrokes back to the screen, since Worldgroup handles this function. This is set by the E command (E0).

Example: AT&FE0

Disable Auto-Answer

Disable the auto-answer function of the modem so the software may handle it (via Level 1 option OUTATA). This is controlled by the S0 register, which is set equal to the number of rings before the modem answers. Setting the S0 register to 0 disables the auto-answer function of the modem.

Example: AT&FE0S0=0

Disable the Escape Code Character

This is controlled by the S2 register. The factory default for the S2 register on modems is 43, the + character. Hitting +++ in a terminal program forces the modem into command mode. In order to avoid that, disable the escape code character altogether by setting the S2 register higher than 127. This will not affect the operation of the modem.

Example: AT&FE0S0=0S2=255

Set the DCD (Data Carrier Detect) Signal

Set the DCD signal on only when there is a data carrier, as opposed to being on all the time. This is commonly controlled by the &C command (&C1). If the DCD signal is

German

The multi-lingual/multi-protocol architecture of The Major BBS lets you easily plug in languages. With The German Add-on Option, you can offer German prompts for up to 256 simultaneous users on a single machine. Your German-speaking users can get prompts and help messages in German, while your English-speaking users get prompts and help messages in English. Earn increased profit by paying more attention to your German-speaking users. It is very easy: Install The German Add-on Option with only a couple of keystrokes.

Vorarlbergerstrasse 10
FL-9486 Schaanwald
phone: +41 75 373 66 77
fax: +41 75 373 66 60

\$249.00

ONLINESTORE 
your telecompany

always on (&CØ), Worldgroup will not recognize carrier loss.

Example: AT&FEØSØ=ØS2=255&C1

Set the DTR (Data Terminal Ready) Signal

Set the actions taken by the modem relating to the DTR signal of the serial port. Configure the modem to hang up and enter command-mode with the &D2 command.

Example: AT&FEØSØ=ØS2=255&C1&D2

Set Hardware Flow Control

Set RTS/CTS bi-directional (hardware) as opposed to XON/XOFF (software) flow control. This is commonly set by the &K3 \Q3 commands. File transfers in general will be problematic otherwise.

Example: AT&FEØSØ=ØS2=255&C1&D2&K3

Enable Verbal Result Codes

Set the modem to return verbal result codes as opposed to numeric (example: CONNECT 28800). The number after the CONNECT message is what Worldgroup uses to estimate file transfer time. This is commonly controlled by the V1 command.

Example: AT&FEØSØ=ØS2=255&C1&D2&K3&T5V1

Display DCE to DCE (Data Communications Equipment) Result Codes

Set result codes to return DCE to DCE (modem to modem) speeds as opposed to DTE (Data Terminal Equipment, the computer) to DCE. This is commonly controlled by the W2 command (although some modems do not support this command at all), and/or the S95 register (S95=Ø). When applicable, the S95 register takes priority over the W2 command (many modems support both). This also plays an important part in estimating file transfer times. If the modem is configured to report the DTE to DCE speed

(port speed), no matter what baud the user dials in at, the modem will always report the port speed as set in Level 1 option BAUDx (examples: 19200, 38400) and estimate transfer times accordingly.

Examples: AT&FEØSØ=ØS2=255&C1&D2&K3V1W2
AT&FEØSØ=ØS2=255&C1&D2&K3V1S95=Ø
AT&FEØSØ=ØS2=255&C1&D2&K3V1W2S95=Ø

Set Result Codes

Enable only necessary result codes. This is commonly controlled by the X1 command (ZyXEL modems use a different command-set, and require that the X6 command is used).

Example: AT&FEØSØ=ØS2=255&C1&D2&K3V1W2X1

Set Auto Reliable Mode

Set modem to Auto Reliable mode. This is commonly controlled by the \N3 command.

Example: AT&FEØSØ=ØS2=255&C1&D2
&K3&T5V1W2X1\N3

Most modems won't require such lengthy initialization strings, the factory defaults will already be partially configured as needed. However, there are many instances where modems function better when factory defaults are specified.

Be aware that Worldgroup only allows 44 characters in the Level 1 option BAUDx fields, and some modems have a command string limit of 4Ø characters.

If your modem string is too long, remove Ø's from commands. Specifying a Ø after a command (example: EØ, as mentioned earlier) is redundant. The same function can be accomplished without putting anything after the command. For example, the command ATEØ is the same as the command ATE. Certain commands can also be removed without changing the way the modem functions (example: S2=255, as mentioned earlier). ↻



ANNEX BBS SERVICES

Third Party Products

Community Calendar \$ 149.00

System & Personal calendars. Network calendars through MajorNet. Logon display in brief or detailed format. Boolean keyword searches, off-line import/export, RSVPs & MORE! ALL features fully configurable by YOU!

Community Classifieds \$ 149.00

What are most BBS classifieds missing? ADS! With this product, network your classifieds through MajorNet and watch your ads database grow! Uses the same interface as our Community Calendar.

SMART VARIABLES, BY HUMANWARE SYSTEMS \$ 59.95

Put a user in BUSY when in the FSE? Add random ads in the middle of your menus? Restrict Sysop logons to the console? Completely customize your Users On-line list? Do all this and MORE with Smart Variables!

MESSAGE FILE RELOADER, BY HUMANWARE SYSTEMS \$ 69.95

Tired of bringing your system UP and DOWN over and over again just to get your Level 6 prompts just right? Not anymore! Message File Reloader let's you cache your .MCV's and update them instantly!

Reseller of Galacticom, Humanware Systems & HighWaterMark Products

Sales: 1-800-GO-ANNEX BBS: 818-779-5600 IP: 204.74.67.1 Annex Telecommunications
14126 Sherman Way, Suite 207
Van Nuys, CA 91405-5633

DEMOS Available!

Digital Consulting Services

800-899-2002

* Galacticomm Ambassador Dealer

* Consulting Services

* Turnkey Systems

* Authorized Reseller for the following ISVs:

East Side Computing, Humanware, HighWaterMark, ProDesign, Sirius, DataSafe, High Velocity, Majorware, Logicom, Vircom, Gamemaster, Infinetwork, & Jabberwocky.

Major TCP/IP by Vircom

Major TCP/IP is the premier solution for TCP/IP connectivity for use on both
The Major BBS and on Worldgroup.

Over 350 systems are currently using Major TCP/IP.

- * Incoming and Outgoing Telnet
- * Incoming and Outgoing RLogin
 - * FTP
- * Finger Client and Server
 - * WWW Server
 - * Telnet Dialer
- * Global DNS Lookups
- * SMTP Gateway (future plans)
- * NNTP Gateway (future plans)
- * Pass Thru SLIP (future plans)
 - * 64 TCP Sessions

Incoming Only or Outgoing Only available for \$500.

Upgrade to Combo Incoming and Outgoing \$300.

BUY COMBO VERSION: \$700. (save \$100.)

Unlimited Option (255 sessions) \$500.

East Side Computing:

Warn'em: Warns users when they are low on credits or days left by E-Mail and at logon.	\$25.00
Freeline: Always keeps a line open for paying users by gracefully logging off demo users.	\$25.00
Let's Get Personal: Adult registry with multiple choice questionnaire and free for essays. Percentage matches and global summary lookups are included.	\$79.00
Locksmith: Assign Key-Ops to grant keys, key negation, combination locks, and more.	\$50.00
First Class Mail: Send E-Mail based on Class, Key, Age, or Sex. Mail is sent to the users when they logon to help conserve disk space.	\$99.00

HumanWare Systems:

UPS Monitor: Monitor your UPS to shutdown your BBS gracefully in the event of a power failure. Configurable shutdown times. Works with any UPS with a serial port.	\$79.95
Invisible: Allows you to force a user to be invisible based on class or key. Perfect for new users to keep them from harassing others, or for support callers.	\$20.00
AutoLogon: Create automatic logon channels that allow the user to be logged on to a GUEST account. Guests abide by all class/key rules you establish.	\$99.00

HighWaterMark:

CallerID: Provide security and authentication like you never had before! Provides automatic validation/demo access or secure access.	100.00
Call Time: Controls access to your system by time/day based on user's class/keys.	\$75.00
TimeCharge: Charge different connect rates based on day of week or date range. Charge for specific use of lines, or particular services, or modules.	\$100.00
Key Registry: This is an extended registry. Multiple registries are allowed.	\$75.00

Gamemaster:

GM-Chess: A premier chess game which allows live play or 'play by mail'	\$75.00
Flabergasted: A multi-player interactive word game. Public and private categories are set up and players have to come up with their true meaning.	\$75.00
Companies: A battleship style game to merge companies together. <i>Companies is Free with the purchase of both GM-Chess and Flabergasted!</i>	\$25.00

DCS:

AutoWars: A card type game similar to Mile Borne. Play against others or the computer!	\$59.00
StoryLand: Allow your users to write chapters and create continuing stories!	\$50.00

Jabberwocky:

Cybertank: The most advanced war game available. Campaign style play keeps users playing.	\$395.00
Flower Shop: Let romance bloom by letting your users send electronic Flowers.	\$99.00
Teleconference Trivia: Let your users play trivia while in teleconference. 50,000 questions!	\$149.00

Infinetwork:

Infibase: The ultimate Database/Classified/Job Search system available.	\$495.00
Professional Bidding: A professional bidding/auction system.	\$295.00

***ONE STOP SHOPPING FOR ALL YOUR ONLINE SOFTWARE NEEDS!
DISCOUNTED PRICES ON ALL GALACTICOMM HARDWARE & SOFTWARE!***

Digital Consulting Services, Inc.

PO Box 2142 Secaucus, NJ 07094

800-899-2002 Sales

212-697-7340 Support

201-865-1783 BBS

New e-mail and forums deliver new features

(continued from page 14)

or set preferences to automatically save new addresses they've written or replied to.

The filing cabinet allows users to save both e-mail and forum messages in multiple folders they've created. They can reply to filed messages, as well as download file attachments, or copy the messages to other folders.

Users can also create their own named distribution lists that can include User-IDs, forum addresses, and exported addresses.

New preferences are available for: when to upload/download messages; downloading attachments automatically; filing messages in a particular folder; and whether to comment when copying or forwarding messages. The familiar preference settings are still here as well — auto-forwarding, forwarding forum messages addressed to users to their e-mail, and quoting preferences.

Worldgroup's client/server forums are a real boon to forum users. They can select forums — and messages within

them — from a scrolling list. Message lists have icons flagging messages with a file attachment.

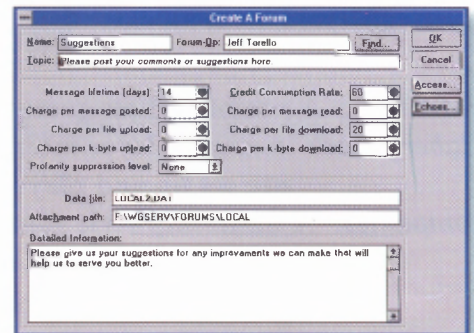
After reading the message, users can: file it, reply to it, send an e-mail reply, or download its attachment. They can also view a map of a topic thread for each of the forums — to see where the message belongs and how it fits into the ongoing conversation.

A powerful new scan utility is provided to search for messages in multiple forums. Messages can be selected by keywords (which now support AND/OR/NOT boolean operations and parentheses), or by special criteria such as "new" messages, messages with attachments, and messages to or from the user.

The search can be restricted to newer messages by selecting a starting message number. Users can also set up a default scan setup, much like a quickscan, that they can run with a single mouse click.

Like e-mail, the forums facility provides an out box where users can store messages they've written — to edit or send later. The forums also include: a simple offline message reader and an in box for downloading messages to read and reply to offline. To get messages from their in box, users can either set up a scan or tag messages or threads while online.


As Sysop, you'll especially appreciate the new forums interface and architecture. Forums are created and edited using a friendly, full-screen interface in terminal mode, and a similar dialog box in client/server mode. There are many new forum configuration options, such as per-kilo-byte attachment upload and download charges.

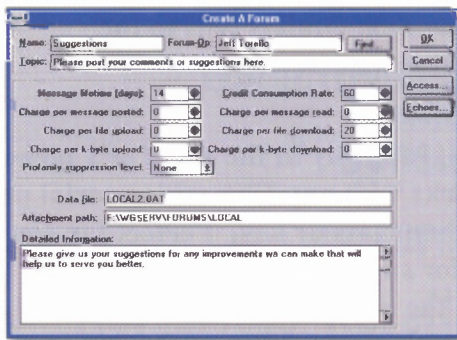


Many common management functions can be performed online with the friendly Windows client interface.

The new architecture will support up to 10,000 forums. The data file where the messages are stored and the directory where attachments are saved are configurable on a per-forum basis. With this new feature, you can put heavy-traffic forums in their own data files for improved performance.

Perhaps most importantly, Worldgroup has the capability for "plug-in mail handlers" that can be developed by third parties. This will allow much more seamless integration of networked forums, such as USENET groups and FIDO echoes, without having to piggy-back on the MHS handler.

We hope you enjoy these new features. They evolved from many of the suggestions you gave us to make our software better, and we hope you'll share our pleasure with the results. 



You can create up to 10,000 forums. A map helps users track conversation threads visually.

Foresight Enterprises Major Monitor F1 Help (ESC) to Exit

1 Lildevil	Trade Wars 2000	17 Cyclone	Teleconference
2 Bam Bam	Teleconference	18 Patsy	Farwest Trivia
3 Danbler	File Transfer Service	19 Logging on	
4 Pizzan	Teleconference	20 Mike Johns	Teleconference
5 Bruce Prin	Special Interest Group	21 Cyclone	Remote Sysop Menu
6 Stargazer	Trade Wars 2000	22 Owl	Mutants!
7 Logging On		23	
8 Velcro	Teleconference	24 Superman	Teleconference
9 Firststar	Farwest Trivia	25 Sam	Farwest Trivia
10 Dutchess	Teleconference	26	
11 Capt Ed	File Transfer Service	27 Krossi	File Transfer Service
12		28 Dragon	Mutants!
13 Gatekeepr	Super Disk CDrows	29 Roger Thom	Teleconference
14 Twinkles	Teleconference	30 Ryan Hughes	Galactic Empire
15 Racer	Menu System	31	
16		32	

User ID: chsts-DATA
 Twinkles 14 31 like to watch people talk!
 Lildevil 01 3 fire
 Cyclone 17 3 did you see the bright lights last night?
 Firststar 09 3 Gold

Resize Monitor Window - 11

The Major Monitor

A Major BBS utility that monitors users and logs inputs to disk before execution. **\$59⁹⁵**



The fast and easy way to detect, isolate, and correct bugs.

Foresight Enterprises

5801 Heidi Drive
 Rockford, Ill 61109
 PH 1-815-398-0442
 Fax 1-815-398-0463
 BBS 1-815-398-4678

Adult Trivia
 for all Farwest Trivia Modules - \$25.00

↓ - DATABASE ONLY - ↓

Are You Ready For Client/Server?

Worldgroup Training

Who is better suited to offer classroom training for Worldgroup, than the company that has been providing classroom training for The Major BBS for well over a year now? Our training seminars have been redesigned to help you take advantage of all the new features and functionality available in the client/server environment. These classes are available on beginning, intermediate and advanced levels. And there are specialty classes under development for TCP/IP, Internet, X.25 and Visual Basic programming. Our training seminars are also available on-site. Choose from our existing courses, or have a class custom designed to meet your specific needs. Call for a brochure, pricing and availability.

Beginning Sysop Course:

- Installation
- Client Server/ANSI - VT100
- Forum and File Library Setup
- Locks & Keys
- Menu Tree
- Teleconference
- Polls & Questionnaires

Intermediate Sysop Course:

- Text Blocks
- CD-ROM support
- Advanced Menu Tree
- Multi-port Hardware
- System Maintenance
- Pseudo Keys
- Advanced File Libraries and Forums

Advanced Sysop Course:

- Customization of the Client
- BRequest
- MHS Gateways
- Network Administration
- Multimedia Extensions
- Advanced Error Handling
- Advanced Connectivity

Worldgroup Programming Tools

System development has never been easier! Using Microsoft Visual Basic and your choice of add on VBX libraries you can create your own custom client for Worldgroup in no time and take the competition by storm.

Required Development Kit

- ◆ Microsoft Visual Basic Pro 3.0 **\$289.00**
(competitive upgrade)
- ◆ Sheridans 3D Widgets

Visual Basic Development Tools

3D Widgets: \$99	Open Mail System/VBX: \$489
Designer Widgets: \$129	TrueGrid: \$149
VB Assist: \$129	MediaKnife: \$289
RoboHelp v3.0: \$499.00	SpellPro: \$129
ImageKnife: \$289	VB/Link for Lotus Notes: \$698

Call for a complete list of all of the VBXs we offer with complete technical information on each.

Visual Basic Programming Videos

- Video 1 - This video gets you started quickly with your first application. It covers menu creation as well as dialog boxes. (2 hours)
- Video 2 - Video 2 covers full project handling as well as the fundamentals of event driven programming, arrays, UDTs and more extensive dialog boxes. (2 hours)
- Video 3 - Compiling and debugging is the focus of this video. When complete you'll understand how to handle runtime errors, compiler errors, as well as how to use the Windows API. (1 hour 20 mins.)
- Video 4 - This unit covers data control and dynaset usage. You learn how to view data in a table, validate input, and access xBase files. (2 hours)
- Video 5 - Video 5 contains advanced information on building MDI forms, handling child forms, extensive use of toolbars and status bars as well as advanced Windows API calls. (2 hours)
- Video 6 - OLE and DDE is the last video in the set and covers establishing links between programs, connecting to Microsoft Excel and Word. (2 Hours)

Each Video \$99

Any Three \$279.00

All Six \$499.00

16 ports for the price of 8!

BocaBoard

- Fully compatible with Worldgroup
- 16 bit ISA interface card
- 16C550 UARTs on all ports
- 5 year warranty
- 16 cables included **\$349.00**

We Are.

BSI is also proud to offer products from these other fine Worldgroup developers:

East Side Computing	ProDesign
Wilderlands Software	HighWaterMark
Jabberwocky	Logicom
Infinetwork	Majorware
Master Design	High Velocity Software
Digital Consulting Services	Sirius Software Development

- CODs welcome
- Same day shipping on most orders
- Prices and special offers subject to change without prior notice



BSI

Technologies

10030 Griffin Road
Fort Lauderdale, FL 33328

Voice: (305) 434-0189

Fax: (305) 434-7116

BBS: (305) 434-5619

Call for a catalog (305)434-0189

**!! ATTENTION !!
FAX/ONLINE
OWNERS**

**Put
Fax/Online
to productive
use on your
system with "Fax-
Ready" modules
by ProDesign
for The Major BBS
and Worldgroup.**

**Save with our
Fax Bundle Pricing**

Fax Bundle # 1

FT-Fax Protocol	\$149
Vue-It	99
EZ-Fax	59
Fax/Online	249
Total	\$556
Fax Bundle Total	\$477

Fax Bundle # 2

FT-Fax Protocol	\$ 149
Fax Importer	119
Vue-It	99
EZ-Fax	59
Fax/Online	249
Total	\$675
Fax Bundle Total	\$575

Policies

- 30 Day Money Back Guarantee
- All products are "RIP-Ready"
- 10% IMBBSA Discount on all ProDesign software (excludes special sale prices)
- Visa/Mastercard Accepted
- COD Orders Accepted
- We ship via FedEx to guarantee prompt delivery

Turn your File Library into a Fax Library.

Imagine a Fax Library service with keyword searching, fax file descriptions beyond a single line, ability to categorize your online fax documents, ability to sort by date, size, popularity plus easy tag and retrieve capabilities.

FT-Fax Protocol adds a new download protocol option to your existing file library with the following features and capabilities:

- * Custom text and fax file extension recognition.
- * Customer access to FT-Fax Protocol can be key controlled.
- * Optional detailed or summary audit trail logging.
- * Optional credit charges.

FT-Fax Protocol (requires Fax/Online.)

\$149

Perform fax distribution with Fax Importer.

Fax Importer lets you generate fax requests from a source external to your Major BBS or Worldgroup platform. All you do is place a simple header file and your fax/text document into the designated sub-directory. Fax Importer scans the subdirectory and upon detecting the header file causes a fax to be sent to the identified party - Ideal when you maintain customer distribution lists on an external database.

- * Optional audit trail logging of requests
- * Optional cover sheet
- * Variable header file scanning rate
- * Optional E-mail Fax notification

Fax Importer (requires Fax/Online.)

\$ 119

Welcome to true text file viewing.

Vue-It acts as a file page replacement module providing:

- * Full up/down text scrolling in ANSI mode by the page or by the line.
- * Full up/down text scrolling in ASCII mode by the page.
- * Allows optional downloading of the text file.
- * Allows optional faxing of the text file.

Vue-It

\$ 99

Faxing was never EZ-er.

EZ-Fax makes getting fax information EZ-er by allowing you to set up a menu command to transmit a fax document. When a user selects the command from your menu, they're prompted for their fax phone number and the fax document is on its way!

EZ-Fax (requires Fax/Online.)

\$ 59



All ProDesign products are Major BBS v6.21 and v6.25 compatible. We are in the process of upgrading all our products to ensure Worldgroup 'terminal mode' compatibility which will be provided free of charge to our customers.

ProDesign is currently evaluating each of our products to determine where Worldgroup client/server interfaces are warranted. Upgrade pricing will be determined on a case by case basis for Worldgroup client/server interface implementations as they become available.



Statement of Commitment

ProDesign is dedicated to providing professional business applications and custom software development to the on-line telecommunication services market, specializing in applications which operate on The Major BBS and Worldgroup platform.

In order to distinguish itself in the marketplace, ProDesign has been founded and operates on the following principles to ensure customer satisfaction:

Commitment to Quality - ProDesign commits to provide only the highest quality products and services to its customers through the use of thorough planning, design, implementation, testing, documentation and support.

Commitment to Efficiency - The most effective solutions to the customer's requirements are provided through the use of the most efficient engineering principles and techniques. ProDesign prides itself on the use of these techniques.

Commitment to Value - ProDesign's commitment to quality and efficiency guarantee paramount value to the customer in all products and services.

Commitment to Technology - ProDesign strives to be a leader in the latest technology, providing unique, useful products and services to every customer.

Commitment to Customer Satisfaction - ProDesign dedicates itself to customer satisfaction and recognizes that this goal can only be achieved through teamwork and cooperation with its customers.

Commitment to Professionalism - ProDesign commits to continually conduct itself in a professional manner in all of its operations. This commitment to professionalism ensures that ProDesign will meet its pledge to the customer on a daily basis.

The Major BBS is a registered trademark of Galaticomm, Inc. Worldgroup is a trademark of Galaticomm, Inc. All prices are subject to change without notice.

Fax

B R O A D C A S T

Now the ability to perform fax broadcasting is available on The Major BBS. The "Corporate Edition" of ProDesign's Fax Broadcast supplies all the following capabilities;

- * Multiple distribution lists with the ability to import lists and maintain them on-line.
- * Support for the distribution of text and ".fax" files (when generated by Fax/Online).
- * Independent broadcast time schedules on a per submittal basis.
- * Logging of successful and aborted fax transmissions with the ability to rebroadcast from the abort log.

The entry level version of Fax Broadcast - Corporate Edition supports broadcast fax transmissions on up to 8 simultaneous fax/modem lines. Capacity expansion upgrades are available.

* Requires Galaticomm's Fax/Online. License restricts use to non-commercial applications.

Corporate Edition*

Starting at
\$ 399

When your business is online, you need ProDesign. ProDesign is an Ambassador Dealer and Independent Software Vendor (ISV) specializing in business applications for The Major BBS and Worldgroup by Galaticomm, Inc. We can provide expert services such as:

- Custom application development.
- Turnkey system design and installation.
- On-site consultation and training.
- Custom ANSI and RIP screen development.

PRO DESIGN, INC.

P.O. Box 14314 Albuquerque, NM 87191-4314

(505) 244-0488 Voice

(505) 244-0650 Fax

(505) 244-0000 BBS

Call today to place your order or request our product catalog!

Using Brequest to gain a performance advantage

by Sean Kelly
Technical Support Engineer

Almost all 100+ line Worldgroup sites use Novell's Brequest DOS requester to speed up Btrieve file access. Worldgroup has new support for Brequest, making it easier than ever to install this powerful network tool.

Brequest allows a Novell file server to conduct Btrieve file transactions for the Worldgroup workstation via SPX. Btrieve file transactions include things like updating user accounts, deleting old messages, even keeping stats in an ongoing adventure game.

If Worldgroup is operating from a Novell network drive (Version 3.11 or above) it can offload all Btrieve work to its file server, where record manager requests can be handled faster. Using a Novell server as Worldgroup's file manager is also advantageous because data is managed in 32-bit mode.

The first step in the installation is to configure the Btrieve NLM on Worldgroup's file server. To do this, find the ":" prompt on the server which manages Worldgroup's files, then type "LOAD BSETUP."

Take control of your BBS!!

MAJOR PRO is a BASIC language which you can use to write your own add-ons such as games, file transfer applications, globals, utilities and more.

You need not be a programmer to take advantage of this fantastic product. Every copy sold comes with a 30 day money-back and no risk guarantee.

NEW IN 95 Convert your Major Pro applications to 'C'. Call for more details!!

Get started for as little as \$119 (LITE).

David Beyer Products
(800) 775-8571 Voice
(715) 384-8901 FAX

The recommended settings are as follows:

Number of open files:	255
Number of handles:	255
Number of locks:	20
Number of transactions:	0
Number of files per transaction:	12
Largest compressed record size:	16
Largest record size:	16883
Largest page size:	4096
Number of sessions:	15
Cache allocation:	256
Perform index balancing:	NO*
Create files as transactional:	NO*
Logging of selected files:	NO
Create Btrieve files in Pre-V6.x format:	YES*
Configure BSTART.NCF to load Brouter:	NO*

(*These parameters are specific to the Btrieve 6 record manager, and would not appear in the setup of the Btrieve 5 record manager.)

Some of the add-ons developed by our Independent Software Vendors (ISVs) may require the "Largest record size:" to be higher. If you are using MailLink this option must be set to 17051. Exit Bsetup, saving your changes.

Next, the server needs to be told to load the Btrieve NLM so your workstation can use Brequest. Do this by modifying the server's AUTOEXEC.NCF. Type "LOAD INSTALL" at the server's ":" prompt. Choose "System Options" then "Edit AUTOEXEC.NCF:" Near the end of the file, add the command "bstart."

Save your changes. You could also type "bstart" at the ":" prompt each time your server boots. Worldgroup requires the file BBSBREQ.INI to be placed in the WGSERV directory as a flag that it will be using Brequest.

The first and only line of this file should read:

Record Size: 16883 (This should be the same as the Largest record size.)

If you make use of Worldgroup's ability to locate various .DAT files on separate drives and paths, be aware that these files must be on a drive attached to the server running the Btrieve NLM.

Make sure BREQUEST.EXE is in your path. This file is normally located in the SYS:\PUBLIC directory on your server. Novell puts SYS:\PUBLIC in your path by virtue of being logged into the server.

Restart your server, employing bstart as recommended, then you can begin running Worldgroup using Brequest. 

NetACCESS

THE NEW NATIONWIDE
MAIL NETWORK

Instantly
Offer Internet
E-Mail and
Newsgroups!

Over 400 Major BBS systems around the world already use NetACCESS for advanced netmail communication. And NetACCESS is the only mail software that seamlessly integrates Internet E-mail and over 4,000 newsgroups into your BBS, without a lot of complicated set-up or operating hassles!

- Turn-key access to all Internet E-mail and newsgroups! No other software or hardware required!
- Scheduled transfer of incoming and outgoing messages operates entirely in the background with no sysop effort! With NetACCESS you never have to take your BBS down to import mail!
- Instantly adds your choice of over 4,500 Internet/NetACCESS newsgroups and support forums including Galacticomm's Sysop Forums.
- NetACCESS uses the standard Major BBS E-mail and forum interfaces. Other networks, like WorldLink, force users to find and use non-standard forums.
- ★ The only mail package that handles standard and Internet file attachments! Only NetACCESS can download Internet binaries, automatically UUENCODE/DECODE them, and seamlessly make them available as file attachments for your customers! Sysops can configure to accept files or not, or by file size.
- NetACCESS is supported by two national X.25 networks (SprintNet and ADP Autonet), as well as the Internet, offering high-speed local access everywhere in the world!
- No surcharges for 9600 or 14.4 access! Other networks such as WorldLink charge up to 50% more for high-speed access!
- NetACCESS includes free tech support on our 800 number - the only mail package to offer this invaluable service!
- **NEW HOURLY RATES!**
 - Just \$2/hr. via commercial X.25 network in the U.S. and Canada!
 - Only \$1/hr. via Internet!

**"NetACCESS has sure
got MailLink beat!"**

*Bruce Chapman, Whiz Data Network
Manchester, NH*

**"Damn fine mail pack-
age, this NetACCESS!
Installed easily and func-
tions slick!"**

*Gregory Gooden, The Annex!
Los Angeles, CA*

**"Never seen a mail pack-
age install this easily and
report so much stuff.
NetACCESS is great!"**

*Jami Chism, The Party Line BBS
Santa Rosa, CA*

**"NetACCESS is very
sysop-friendly!"**

*Chris Murphy, THUNDERBOLT!
Chicago, IL*

Only \$129 ~~\$99~~ thru May 31st
Order Today — Download NetACCESS Tonight!

(800) 788-4565

For a detailed brochure call our BBS at (503) 476-6578 or Telnet: bbs.chatlink.com



*"From the people
who brought you
ChatLink"*

Ambassador Dealers

High Velocity Software, Inc.	AZ	602/234-2207	Los Pinos II	AR	+54/1 4460883
Resource Strategies	AZ	602/292-1300	SISNET S.A.	AR	+54/1 3715070
BBS Technologies	CA	209/498-0200	Infopac International Pty Ltd.	AU	+61/7 2992200
Martin Enterprises	CA	818/982-4152	Sagem Australasia Pty Ltd.	AU	+61/2 5165399
Medcom Information Systems	CA	714/996-9999	d. Products Telecom Belgium	BE	+32/2 6727897
On-Line Services	CA	909/782-7251	Tectrade International	BE	+32/50 346086
The Business BBS	CA	310/477-0593	Vertex Teleinformatica Ltda	BR	+55/11 2960127
Voicenet Communications	CA	408/225-1870	Aldato	CO	+57/1 2486944
West Coast Computer Products	CA	310/204-0535	Infima	CS	+42/2 3115858
BSI Technologies	FL	305/434-0189	EDV-Medizin-Literatur	DE	+49/2132 8711
Logicom, Inc.	FL	305/726-3868	Centari Computers Int.	DK	+45/40 594701
Tessier Technologies, Inc.	FL	305/473-5525	Pronet Oy	FI	+358/0 516191
MarketSpace, Inc.	GA	404/998-4884	Telepojat Oy	FR	+358/31 2173111
The INDEX Systems	GA	404/924-8667	Comupage SA	FR	+33/1 48258200
Synergistic Networks, Inc.	IL	708/993-0460	TLV Communication	FR	+33/20 631260
Elysian Fields, Inc.	KS	316/267-2636	TCNS	GB	+44/91 9448021
Advanced Data Services, Inc.	MD	301/695-8675	Multilink	GR	+30/1 6124305
APDI	MD	301/449-1400	Astrocom Multimedia	HU	+36/1 1334513
The Major Programmers Group	ME	207/856-1603	PT Adisasta Rekayasa Semesta	ID	+62/21 3440908
Creative Communications, Inc.	MN	612/851-7111	Studio 5 Liguria SRL	IT	+39/182 543977
DataSafe Publications	NM	505/294-4980	Online Store AG	LI	+41/75 3736677
ProDesign, Inc.	NM	505/293-9045	Tradeline SA	MX	+52/5 5469228
Digital Consulting Services	NY	212/697-7340	Mountain Rose Multi Media	NL	+31/1880 33083
CineCom Corporation	VA	703/680-4733	KLM Computers	ON	416/631-7280
Sirius Software	WY	307/237-0065	Majorware, Inc.	ON	416/921-7224
NetCom	AE	+971/4 835619	M System	PL	+48/22 473886
Connect SA	AK	+54/1 405252	Softop, Ltd.	SLR	+42/7 850072

THE BUSINESS BBS Custom Online Application Solutions

MultiBase Online™

Have a unique marketable database application for online users?

Want to offer an existing desktop or network database application online?

Tired of cramming your database applications into ill-fitting configurable software?

Check out MultiBase Online™

- Photographs, sound and other objects
- GUI and ANSI interfaces
- xBase code and data portability
- .DBF, .TXT and fax report generation
- Keyword searchable memo fields
- Real-time updates and more

PRODUCT INFORMATION AVAILABLE
via Fax-On-Demand – Just dial (310) 575-5077

THE BUSINESS BBS

2531 Sawtelle Blvd., Suite 109, Los Angeles, CA 90064-3163

Voice (310) 477-0593

New client/server menus

(continued from page 35)

"WRITE Support" in the Command String field of the Menu Tree to create a menu option that writes e-mail to your technical support department.

These command strings have changed significantly for the client/server Menu Tree, so you'll want to refer to the manual. The terminal mode command strings haven't changed.

You'll also need to assign an icon file name to the file that represents the menu option. You can even create your own icons for new options. For more information on how to customize your system's icons, see the article "Tips for designing successful icons for your system" starting on page 11.

Client/server security

A final important point to note is that simply hiding menu options from users won't necessarily prevent your users from accessing restricted services. Each client application is an executable file; therefore, a determined user could launch the .EXE file — even if an option for the service isn't available on the main menu.

All security issues should be handled from the server via the familiar, airtight Locks and Keys security levels. The server screens all client requests for whatever key name you give it. If a user tries to access a service he doesn't have the required key for, the request will be denied by the server.

At no time can a user compromise the security of the server without having access to a Sysop-privileged account. Through these mechanisms, it becomes safe and practical for you to distribute the client to customers, prospects, and others without risking the integrity of your LAN security or the confidentiality of your internal workgroups. ☺

Extensive docs for you and users

(continued from page 41)

through Telix, RIPterm, Crosstalk, Procomm Plus, etc. It tells them how to navigate the non-Windows side of Worldgroup.

For you

Worldgroup comes with four types of management literature designed to satisfy different needs:

Sysop's Guide explains in detail how to plan, install, manage, customize, and expand your online service. As an installation guide, it's aimed at people who prefer to study a situation thoroughly before jumping in. It's also a definitive reference guide. We arranged its chapters in the order you're most likely to do things, so the table of contents should take you right to the information you seek. If not, the index has about 6,000 references using as many synonyms as we could think of for each subject.

Quick Start could have been named *Sysop's Guide Lite*. It hits the high points of planning, installation and management without going into great detail, then covers how to create forums, libraries, etc., without describing how to edit or delete them. It's aimed at people who want to get a system up and running with some, but not a lot of, planning.

Getting Online FAST is a single page aimed at people who want to get a system up and running instantly, then learn about its functionality through hands-on trial.

If you're upgrading an existing Major BBS, *Upgrading to Worldgroup* walks you through the process from preparation to exploring new features.

Tell us what you think! Send e-mail to docs@gcomm.com or to User-ID Docs on our Demo System. ☺

Come celebrate Galacticomm's 10th birthday with nearly **700** other **Major BBS** Professionals. Your transportation from the Convention Center area, a **HUGE Polynesian Buffet**, including roasted pork prepared in an open pit, exotic island salads, nonalcoholic beverages, desserts and "Galacti-cake", and Polynesian Show Extravaganza (co-starring you!) are **all included!** An entire evening of entertainment for one very reasonable price of only **\$32.50**. (\$40.00 after July 1, 1995)

PRIZE DRAWINGS!

Need more info?
Call Ira Goldstein
(SYSOP@HDC)
(818) 993-4200
or
Don Adler
(SYSOP@ITM)
(818) 727-7929

Make your checks payable to:

Don Adler
The Info-Tainment BBS
PO Box 2451
Winnetka, CA 91396-2451

\$32.50 PP

BEFORE 07-1-95

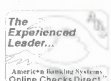
CASH BAR AVAILABLE

GALACTICOMM's 10th BIRTHDAY

LUAU at ONE BBSCON

Thursday August 17th, 7:30pm Tampa, FL

Sponsored by *The International Major BBS Association*



Transportation sponsored by
American Banking Systems

LOGICOM

BRINGING YOUR WORLD ONLINE

Utilities:

Ad Master
Command Center
InterLink
Quick Credit 900™
Outlink
Headline News!
Chatterbox

Resellers for:

DataSafe
High Velocity
Sirius Software
SilverWare Software
WilderLand Software
Computel

Games and Entertainment:

Biorhythm
BladeMaster
Blox
The Casino
Electronic Fairways
Guess What
Sea Battle
Yahtzee
Zorgon
Klondike Solitaire
Video Poker
Progressive Slots
Professional Chess
RoadHouse
Forbidden Lands 1-3

... and many more!

ALL PRODUCTS WORLDGROUP COMPATIBLE
CALL FOR A COMPLETE CATALOG
OF ALL PRODUCTS

800-764-4266



LOGICOM

5701 Pine Island Road • Suite 350 • Tamarac, Florida 33321

QUICK CREDIT 900™

THE BEST 900 SERVICE FOR YOUR BBS!

- **FAST PAYOUT** •
- **NO EXTRA CHARGES ON CHARGEBACKS** •
- **ALL CODES GENERATED ONLINE** •
- **OVER 500 SYSTEMS ONLINE** •
- **COMPATIBLE WITH VISAMAN** •
- **EASY CONFIGURATION** •
- **SELL EXPIRABLE KEYS** •
- **HIGH PAYOUT ON ALL CALLS** •
- **SOFTWARE IS FREE** •

INTERLINK

- **LINK TO WHO YOU WANT TO** •
- **NO MONTHLY/HOURLY CHARGES TO LINK** •
- **USES ENTERTAINMENT COLLECTION ACTIONS** •
- **REAL REGISTRY LOOKUP** •
- **COMPATIBLE WITH 7 OR 8-BIT TELNET SESSIONS** •
- **CREATE YOUR OWN ONLINE NETWORK** •

Logicom, Inc. is Galacticom's Largest Ambassador reseller. We have a fulltime technical support staff available to help you install and operate any item that you purchase from Logicom. Sales offices open Monday thru Thursday 9:00 A.M. till 9:00 P.M., Friday 9:00 A.M. till 6:00 P.M. and Saturdays Noon till 5:00 P.M.!

800-764-4266



LOGICOM Voice 305-726-3868

BBS: 305-726-3849

FAX: 305-726-3748

Reasonable and Reliable Add-Ons For The Major BBS® Sysop!

Simplify complex tasks! - Macro Master

Macro Master allows you and your users to define up to 30 personal macros with advanced features such as looping, definable variable parameters, embedded carriage returns WITHOUT system loading, individual module activation/deactivation, and even "keystack" like commands that save your previous input and allow you to recall it easily! Sysop controls include on-line limitation of looping when required and our usual full configurability via .msg file! This module breaks the traditional commercial bounds of The Major BBS add-ons by being SHAREWARE! Try it for as long as you like before you buy it, the shareware version allows up to 2 macros per user with all other features enabled!

Only \$39.95



Stop wasting time and dollars! - The Suggestion Master

The Suggestion Master module is a far cry from other similar modules. This one maintains its own databases of suggestions, allows sysops to decide if a suggestion should be public, lets other users view and "add their two bits" to the suggestion thread, and even allows voting by your users. Complete forward and reverse threading allows easy review of all suggestion topics. Quit wasting your valuable investment dollars on modules your users could care less about, the Suggestion Master will let them decide!

Only \$99.95

Let Your Users take care of em' - The Catacombs!

Tired of playing bbs cop? Turn the job over to your users and let them have a ball all at once! The Catacombs allows you to configure a charge to allow a user to throw a "bad boy" into the catacombs where they will have to discover one of 25 exit phrases. On-line options to disable, special eject and move commands and an unlimited number of clues for each room literally make this module into a mini game development system. Don't just lock em' up, make money off those unruly users!

Only \$79.95



Maintenance time got ya down? - News Maker

Keeping your users aware of system updates, planned events and other system news can be a Major chore (pun intended!) But now we can help you unload some of this responsibility on your users! News Maker has up to 20 configurable news "pages" with editors assigned by key and all privileges are configurable. Combined with VCC you can finally give free access during editing work! Displays in ansi/ascii/RIP depending on callers settings! The best News module out there!

Only \$69.95

A useful addition! - Major Log

This log-on recorder is the first to be truly useful! Globally accessible, search by time of day, day of week, by handle or by gender/age! Include sysop log-ons if desired, three "exclude" keys and even include local log-ons if desired! Data file purged at cleanup to as many as 32,000 + entries. Totally configurable AND totally RIPPed!

Only \$29.95



Real Sysops don't read Docs! - Show Me

But we sure do wish our users would! Show Me is a user documentation viewer/on-line editor that makes it so easy to view documentation that you may never have to answer another question with anything other than "type .showme"! Allows global access to all your user docs and any sysop defined docs also. Dynamically configured so no special action is required when you add a new module, unlimited numbers of documentation menus, and on-line editing of all doc files! Now allows downloading and addition of Sysop docs with System up and running!

Only \$39.95

Variable Credit Consumption

VCC allows you to surcharge or discount your entire system by key, channel group, or both! Give a discount during those normally "dead" times to increase usage of your BBS. Surcharge usage during the "busy" times to increase your BBS' income. Discount/surcharge periods settable by time and day of week as a percentage of your main menu credit consumption rate!

Only \$49.95

Cash flow problems? We have the solutions! Variable Module Charges

VMC allows you to surcharge or discount any module on your system regardless of its own surcharge/discount features or your use of monthly non-credit consuming classes. Up to 25 different modules can be defined, each with their own exemption key if desired. Surcharge is specified in #of credits per minute. Each individual surcharge fully configurable!

Only \$49.95



Limit Users Access to your high speed lines! - BaudLock

Baudlock allows The Major BBS Sysop to place BPS requirements on any configured channel group. Keep the 2400 BPS users on the 2400 lines unless they all fill up. Automatically allows high speed lines to accept low speed calls when low speed lines are full, or the on-line editor allows trusted keyholders to change the BPS requirements for the current session. Completely configurable!

Only \$29.95

Master Designs also offers several exceptionally useful utilities absolutely free to any registered owner of one or more of our modules. These free utilities currently include an on-line audit trail search utility and an entrance/exit request lister. More free utilities will be added periodically to the MDP_FREE file library on the MDP Support BBS. Our shareware release(s) are also available on this system. Call today and check it out!



Master Designs, Inc. 1722 S. Glenstone Suite LL, Springfield MO. 65804

Voice - (417)886-9795 * Fax (417)886-3207 * BBS (417)886-6508

30 day Money-back guarantee * Demo's by request * Downloading purchases allowed

Source code available on select products * Call for more information on any of our products! * C.O.D.'s accepted!



Exciting new multimedia interface

(continued from page 7)

area of the main menu application's window as a backdrop for child menus.

You can also choose to have all menus maximized, and users can change this default if they wish. When you change the backdrops, the client will automatically download the new one in the background.

Windows file launcher

This Windows client/server module downloads a file to a user's machine and launches the associated Windows application based on the file's extension — if the user has that application. Programs that can be launched include AVI movies, Word documents, Excel spreadsheets, Adobe Acrobat files, PowerPoint presentations, Write files, WAV and MIDI sound files, and more.

If the user's PC doesn't recognize the file extension of a file, it will pop up a window asking him to go into File Manager to use the "Associate..." command from the File menu, to associate an application with that file extension. If users don't have the application on their PCs, they won't be able to use the file, and can either delete it or save it until they install the application.

We've only just begun

This gives you just a brief glimpse of some of the possibilities that are open to you. With 3D rendering packages such as 3D Design Plus and Simply 3D, you can take 2D logos and turn them into 3D objects, rotate them, change their lighting effects, and more. Kai's Power Tools works in conjunction with Adobe Photoshop to create amazing textured effects and optical illusions. A similar package, Digital Morph, lets you take different images and merge them together — warped, stretched, or distorted.

If you have a scanner, all the better: just about any drawing or photo you have on paper can be digitized and used as a starting point for your graphics. Programs such as Paint Shop Pro allow you to easily convert between different image formats (PCX, GIF, TGA, JPEG, TIF, etc.) to BMP, as well as to resize images.

As you will see, the power of the Worldgroup platform is just beginning to be unveiled... more on the way! 

Outdialing telnet and finger client and server

(continued from page 17)

If the system runs a finger server, you can find information on the users of this system:

/finger @	Who is currently online
/finger <user>	Information on a local user

Finger Server

Your system can be a finger server site from which users can get information about who is online and details on specific users. Internet users trying a finger command on one of your system's Internet e-mail addresses will see the registry information that user has on file.

On most UNIX machines, the command is the same, but without the initial slash. An Internet user can also finger a user on your system by specifying the User-ID and replacing the space with dots. From another system on the Internet with a finger client:

/finger <user>@<bbs domain name>	Details on a user
/finger @<bbs domain name>	List of online users

From a UNIX computer on the Internet:

finger<user>@<bbs domain name>	Details on a user
finger@<bbs domain name>	List of online users

This is similar to your system's "/"# command, except, here again, you can query any system on the Internet that has a finger server. Case is not important in these finger requests.

You can use either the Internet e-mail alias or the User-ID to identify the <user>. For example, if User-ID "Joe Smith" has an e-mail address of "jsmith@xyzcorp.com," you could type either:

/finger jsmith@xyzcorp.com
/finger joe.smith@xyzcorp.com

In ambiguous cases, the e-mail alias takes precedence.

Etcetera

This update also includes a new ALIAS text variable for a user's e-mail alias, which is used by the finger server. There's also a fix for a rare problem where the ftp server might hold up sending the tail end of a list. Enjoy! 

Interactive Game for Worldgroup !

DIPLOMACY



Full multimedia Windows 3.x strategy game for up to 7 players using Galacticomm Worldgroup system server.

Based on the classical board game "Diplomacy".

Conquer countries, make and break pacts, attack, defend, win or lose..

Realistic WW1 settings.



**WORLDGROUP
COMPATIBLE**

DIPLOMACY client/server \$ 199

Fax for distributors in the U.S.

INFIMA
Velflikova 6, 160 00, Praha 6
Czech Republic
email: svoboda@infima.cz
fax: +42/2 311 58 20
BBS: +42/2 31-BBS-41

Online Store
Vorarlbergerstr. 10, Schaanwald
Liechtenstein FL-9486
email: gerald@osis.li
fax: +41/75-3736660
BBS: +41/75-473-2000

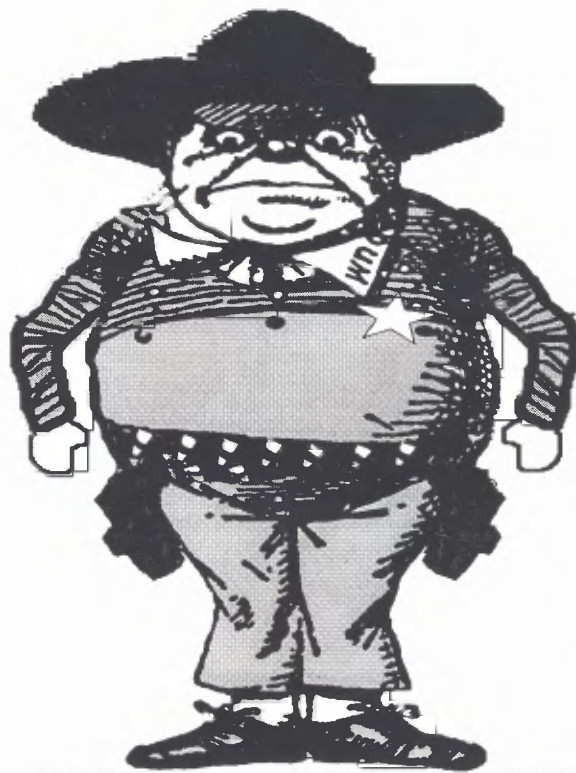


WANTED!

THE ROOTIN'EST TOOTIN'EST GAME IN TOWN

* Plays in Standard
or Entertainment
Teleconference!

* Can restrict
game to one
channel!



BRAWL!

If'en yer aiming to keep yer BBS full, then ya better git yerself **BRAWL** right quick. Brawl (aka Gunfighter) plays right in teleconference, so ya don't have ta go no-wheres special. One minute, the same boring chit-chat, the next, a full fledged barroom brawl! This here wild west RPG is probably the most popular teleconference game of all time, and if'en ya don't believe us, download the demo version (301-498-6183) and see fer yerself!

JABBERwocky

(410) 945-4845



DataSafe Publications, Inc.
3301 Juan Tabo NE, Suite 113
Albuquerque, NM 87111

800-870-0004 Sales/Orders
505-294-4980 Voice Support
505-294-8225 Fax
505-294-1575 BBS

Products for The Major BBS®

AutoRate™ \$99

AutoRate gives you incredible surcharging and class switching capabilities. AutoRate allows you to surcharge based upon time of day, day of week, and channel group. AutoRate can also restrict access to channel groups based on a caller's class. A must have module for systems connected to wide area networks.

HelpMan™ \$49

HelpMan scans your BBS subdirectory for the help files provided with The Major BBS (and third party modules) and lets your callers display them online. As you know, your BBS currently builds a documentation file called BBSUSER.DOC which contains the documentation for your online modules. However, not everybody has the equipment or knowledge to download this file. The caller simply selects the help file they wish to view from a menu, and the file is displayed to them online. HelpMan uses the same files that are provided with your software, no need to write text files or develop large menu tree structures.

Global Power™ \$49

Global Power is a complete package of global commands for The Major BBS v6.25. Global Power commands can be executed from just about any prompt on your BBS and provide you with many functions that most Sysops can't do without! EVERY command, including the Sysop commands, has an associated key so you can tailor access to each global command on an individual basis. The global select (-) and chat (') characters are Sysop configurable. A must have for every system!

BBS Lister \$69

The BBS Lister allows you to define up to 10 different BBS lists that your callers can update with their favorite BBS phone numbers. Perfect for Sysops that get asked for additional BBS numbers, or to consolidate advertisements from other systems. Callers can search by Areacode, State, or BBS Name. Updates to the list are displayed only after they have been approved by the Sysop. Logon notification to the Sysop of unapproved updates to the BBS Lister.

NovaTrek™ \$99

NovaTrek is our full-featured economically priced space adventure game. NovaTrek puts your callers in the Captain's chair of their own spaceship to scour the Galaxy for Uncharted Planets, Dangerous Aliens, Starbases and Adventure! At their control, some of the most sophisticated spaceships available in the Galaxy allow them to maneuver their way through the stars from one adventure to the next. NovaTrek is multi-player as well, so they are not alone in this domain of galactic struggle. Players have to watch out for Alien Spaceships while avoiding or destroying the other players.

FOURMation \$49

Bring the excitement of vertical checkers to your system. Callers attempt to become the first player to get four tiles in a row either vertically, horizontally, or diagonally. Callers can watch games in progress or challenge other callers to a game.

On Site Installation and Training

Our on-site installation and training seminars are designed for our corporate customers. Since it can take anywhere from a few days to weeks to become proficient at operating your Major BBS or Worldgroup system, many companies take advantage of our on-site services to get up and running quickly. We can train your system operators in ALL areas of The Major BBS and Worldgroup including X.25 connections and Novell LAN environments. Give us a call with your requirements.

Pricing and availability subject to change without notice.

Call us for a FREE product catalog!

Please see our advertisement in the center of this magazine for more exciting products!

Autoterm - Main Console Term Program

Autoterm is a fully functional terminal program for the main console of your BBS. Included in this program is scrollbar, scripting, file transfers protocols including Zmodem and more.
\$99

TLC System Splitter

TLC System Splitter allows you to split your system in several groups so you can run several separate systems on one computer & without additional telephone lines. Run an adult bbs, support bbs and family entertainment bbs!
\$79

Megaslots - Slot Machine

Megaslots includes three different graphical slot machines each with its own odds and jackpot.
\$99

Bartender - Bartending Game

Not only is this a unique, entertaining game - but it also serves as a training program. Users will learn how to make hundreds of real drinks. Simulated computer customers will randomly order drinks and pay the users who make the drink correctly. Users need to keep a stock of ingredients so they can make the drinks. Tips are given based on how quickly the users make the drinks. Money earned may be used to purchase additional ingredients. This game will entertain for hours and turn your users into the life of every party!
\$99

Pick-Up Artist

This game challenges your users to pick up computer controlled players of the opposite sex. In order to pick someone up they'll need to have some good pick up lines. Hundreds of real, funny and effective pick up lines are included. The less often a line is used, the more powerful it becomes. Players must be careful - if they try picking up a human player they'll get turned down and give away a bunch of their pickup lines!
\$99

Choke

The best hangman game available for your BBS. A graphical representation of a person will be shown to the player. The player must guess the word quickly enough to save the person from being choked. Each game consists of a configurable amount of words. Optionally the player with the highest score of the month is awarded a jackpot of credits.
2 User: \$39 / 8 User: \$79 / Unlimited: \$99

Star Market

Star Market is a game of galactic investment. The game's object is to amass as much money as possible by establishing extensive companies and managing a stock portfolio. Each turn you will be shown five positions you may buy and/or sell stock.
2 User: \$39 / 8 User: \$79 / Unlimited: \$99

Cybertech: The Battle On Mars

A fortune in raw ores is discovered on Mars. You are a young mercenary who'll need to fight using sophisticated battle platforms to make your riches here.
\$79

Lost Caverns of Miczyk

Lost Caverns of Miczyk - Our premier game module for The Major BBS. Lost Caverns allows you and your users to build the game as you play it. Astonishing Flexibility! Users may create rooms, items, monsters, spells and even moves. Games are notorious for getting boring after a short time. Lost Caverns allows you and your users to make the game - and when your game gets boring you can simply restart it. Lost Caverns allows up to 999,999 rooms to be built with each room taking 1 kilobyte of datafile space (we already have several customers with games over 50,000 rooms, which would take about 50 megabytes of space). Lost Caverns allows up to 32,000 different monsters, items, moves and spells to be created. Up to 30,000 monsters are permitted to exist in the game at the same time. Most games boast about having a thousand rooms - some have several thousand, we already have many games of Lost Caverns nearing 100,000. Other games have lots of rooms but bunches of identical rooms throughout the game - not Lost Caverns - each room can and should be unique.

Some of the hundreds of features included:

- Up to 24 configurable races & 24 configurable occupations.
- Six keys to control who can create rooms, monsters, items, spells & moves.
- Moves may be created for use by all races or only by a particular race - for instance, allow only a Lizard to perform a tailswipe.
- Rooms are created by having a player with the room key simply walk into an ordinary wall & answer some questions.
- Rooms may be arranged in any configuration. Exits to other rooms may be placed to the North, South, East, West, Northeast, Northwest, Southeast, Southwest, above or below each room.
- Each room may have a warp which transports a player to another room when the player does not have what is required for entry.
- Monsters may possess and drop items when killed.

Call for complete literature on this exciting game - **\$399**

World Wide War

The goal of this game is to conquer the world. Two to six players may participate in each game. Up to ten games may run at the same time. The world is split up into six continents and forty-two countries. Each player starts the game with an equal number of armies and nearly the same number of countries. Countries may be attacked and conquered from bordering countries. Players deploy troops on countries they hold. Reinforcement troops are awarded based on the number of countries occupied and bonus troops are given for holding an entire continent. Players are eliminated when all their troops are destroyed. The last player to exist in the game wins. High score list shows the top players.
\$139

Forbidden Lands Series

Forbidden Lands I - The City of Falchon - Over 330 Rooms, 8 races, 7 classes, 5 alignments and 80 monster types keep your users entertained for hundreds of hours. Many types of weapons, armor and items, some magical.
\$79

Forbidden Lands II - The Vale of Grimyre - The sequel to City of Falchon contains over 500 Rooms, 6 races, 8 classes and multiclass character. Contains over 120 monster types, puzzles and magical items. ASCII Graphical maps are included displaying location, monsters, treasure & other players.
\$79

Forbidden Lands III - The Islands of Dawn - Third in the Forbidden Lands Trilogy, this game contains over 600 rooms, 8 classes and over 600 individual roaming monsters. Multiple quests for magical weapons, armor and items included. Quests are sysop configurable.
\$79

Support: 908-591-1234
BBS: 908-591-1171
Fax: 908-591-8652

Call for a free
catalog and
demo disk!

Cheersoft
Orders: (800)466-1318 x4200

Prices Subject
to Change
Without
Notice

457 Highway 79
Morganville, NJ
07751

Worldgroup: A new world in online services

(continued from page 6)

using Visual Basic — a friendly development tool that's quickly become a worldwide standard with over 500,000 programmers. Create customized workgroup suites, databases, awesome multimedia games and more.

We've unleashed the power of Visual Basic extensibility to bring you an exciting collection of multimedia extensions for Worldgroup. With these extensions, easily offer users audio-visual presentations with WAV or MIDI sound files, a configurable "splash" screen, and graphic menu backdrops. Post files, such as Microsoft Word documents and PowerPoint presentations, and users can download and launch them online — right off the menu.

"By letting the client/server genie out of the bottle for Worldgroup, new

program opportunities occur for third-party developers beyond the scope of what any online service has ever seen," says Graeme Gibson, Worldgroup beta tester and host of the popular cable television show, *Computers Today*.

For non-client users, you can support ASCII, ANSI, and RIP terminals, giving the widest possible audience access to your system.

In addition, all of your existing add-on applications are still supported in terminal mode.

The Major BBS is the foundation for the Worldgroup server, so you'll find converting your existing system to be a straightforward process. All the familiar Sysop features are available at the console. You can also perform many

common Sysop functions online, such as creating new forums and libraries, using the friendly client interface.

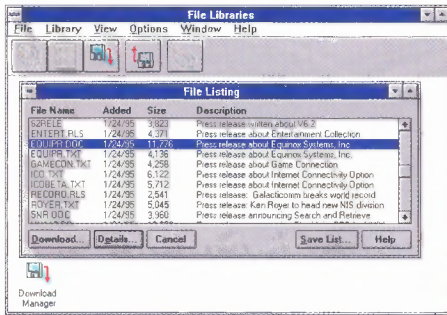
The documentation makes it easy to find help when you need it. For you, there's documentation that's comprehensive and well organized. For your users, we've added hypertext-driven, context-sensitive online help at every window.

There's plenty more good news about Worldgroup. Throughout this issue of *Visions*, you can read articles from Galaticomm engineers about some of the exciting developments.

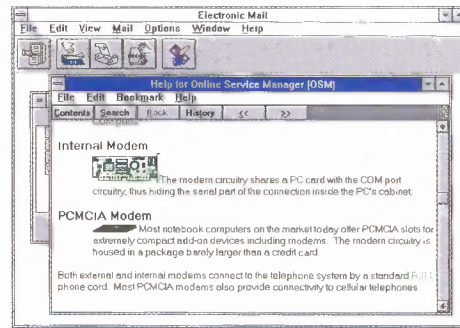
Try it out for yourself! Just download Worldgroup Manager from our Demo System. As a current V6.x customer, you can upgrade to Worldgroup for only \$199.

To order, just call our sales department at

800-328-1128, or 305-583-5990 outside the U.S. and Canada.



Users can scan through full-screen listings of available files, tagging files of interest with the click of a mouse.

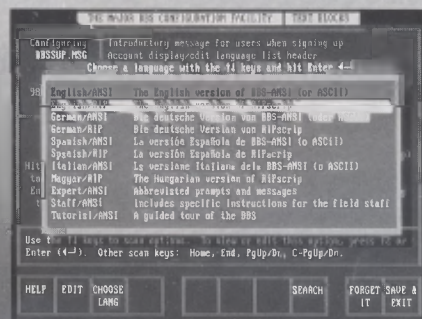


Online help is freely available with hypertext links and graphic images.

The Major BBS Italian Version[®]

Sysop and User Translations Available

Add-on options also available in Italian



Galaticomm
Ambassador
Dealer

STUDIO 5 LIGURIA SRL

Via Papa Giovanni XXIII, 162/1 • 17031 ALBENGA (SV) ITALY

mdm: +39/182-556262

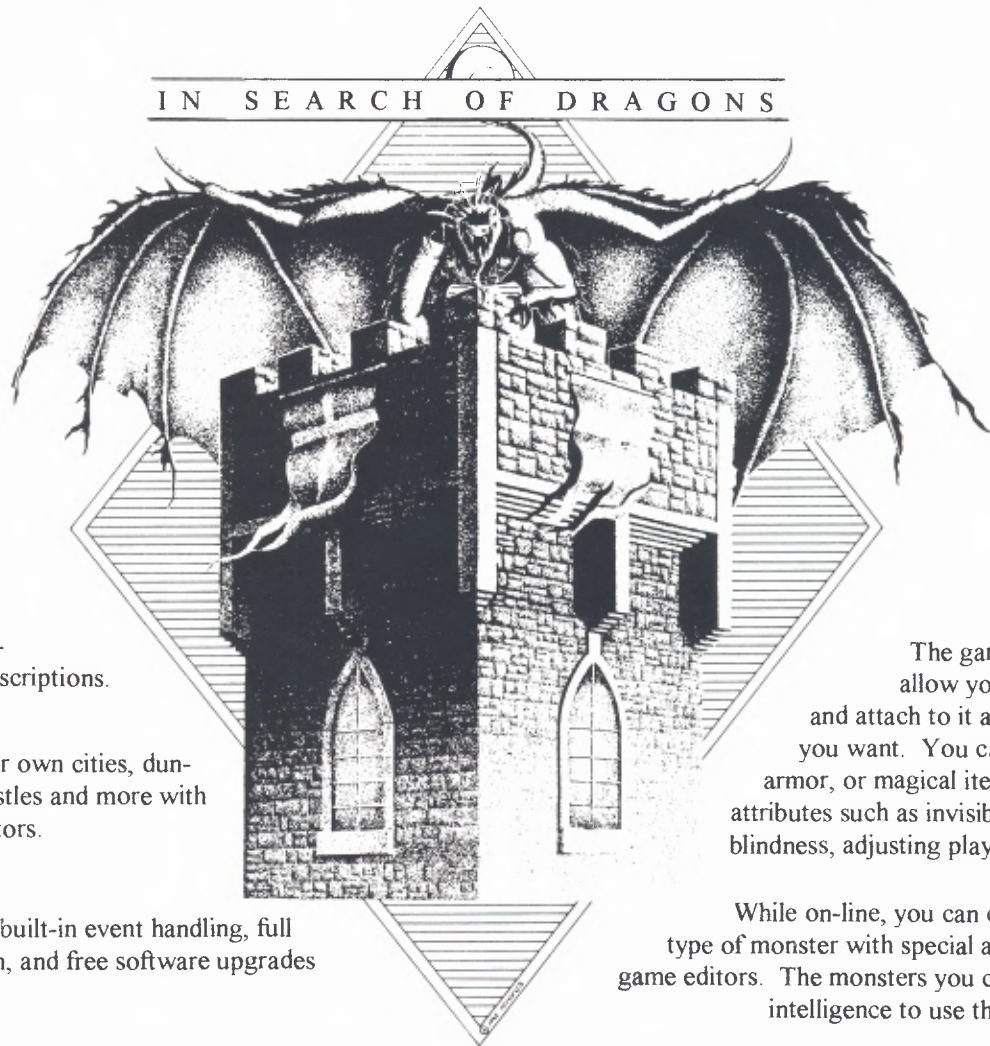
fax: +39/182-543977

tel: +39/182-540200

E-mail: sales@studio5.it

L E G E N D S

IN SEARCH OF DRAGONS



Game Features :

1/4 Screen ANSI over-head view with text descriptions.

Create and modify your own cities, dungeons, countryside, castles and more with easy to use on-line editors.

Other features include built-in event handling, full multi-player interaction, and free software upgrades for a year.

The game is configured to allow you to create an item and attach to it any sort of attribute you want. You can create weapons, armor, or magical items that could have attributes such as invisibility, teleportation, blindness, adjusting player stats, and more!

While on-line, you can create virtually any type of monster with special attacks with our in-game editors. The monsters you create will have the intelligence to use the items they carry.

With these editors, you will be allowed to create any sort of setting, and create your own quests!
Finally a game that won't stagnate!
Your cost is just \$199.00

This medieval type fantasy game, created by Wilderland Software, is set in a world in which magic has been banished forever. The only traces of magic that remain are strange relics, which were enchanted eons ago, by the wizards of lore.

Wilderland Software, P.O. Box 37325, Milwaukee, WI 53237-0325

Also available from Wilderland Software:

Tarot Card Reader \$49.00
Slotto America \$49.00
Safe Cracker \$40.00
Wilderlands \$199.00

Look for these exciting games from TJ Enterprises:

Erotica \$199.00
Adult Trivia (coming soon)

Ordering info for Wilderland Software and TJ Enterprises:

Voice Orders: (414) 486-2417
Fax: (414) 486-2416
BBS: (414) 486-2400 (2400)
(414) 486-2407 (14.4)
Internet IP: 199.190.79.2

All products Worldgroup compatible

CyberTank

The first completely automated Cybertank rolled off the assembly line in 2107. Equipped with the latest in psychotronic circuitry, Exterminator quickly proved its worth being able to target, hunt, and destroy its target with little human guidance. After this, development was rapid. 3 years later came the first self-aware battletank. And by the time of the creation of the HAL 2000 synthoid brain, human strategic thinking was no longer required. Nor was it desired...

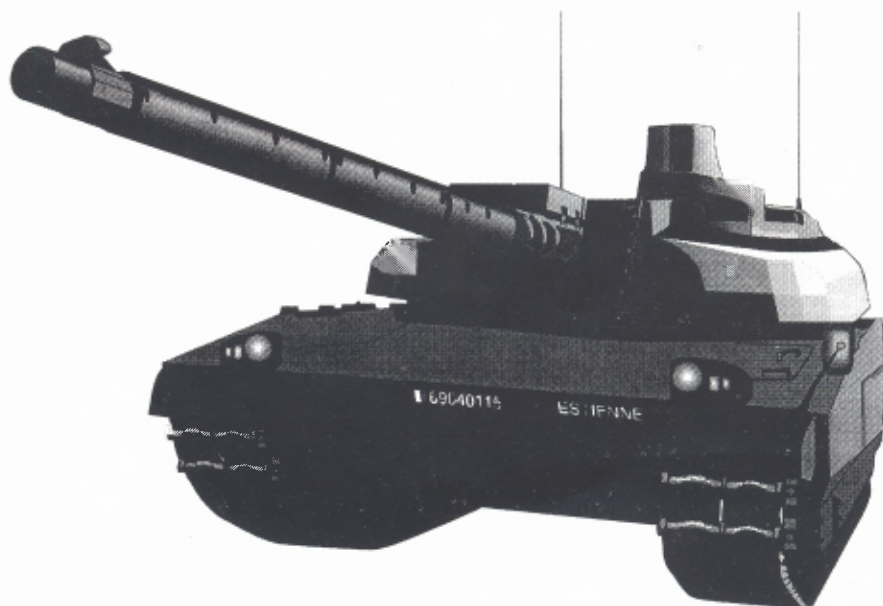
By far the most advanced war game out on the BBS market, Cybertank offers your users competitive conflict on a global scale. Players build their own Cybertanks from a wide selection of Armor types, Suspension units, Weapons, Defense Systems, and Fire Control Computers. Armed with this one-of-a-kind Fighting Vehicle, they conquer a vast continental landscape where terrain provides strategic passage for the wise, and surreptitious ambush for the crafty. But rising to the ranks of Superpower is largely based on ability as a Ruler. Controlling provinces, building capitals and factories, allocating labor and resources - virtually all the tools of statecraft are at their disposal. And then there's the "bomb", if built, can reduce hundreds of miles of mountain, water, and forest to radioactive desert. Your users will have a blast with this game!

Download
our demo!
301-498-6183

JABBERwocky
(410) 945-4845

Digital Consulting
1-800-899-2002

Logicom
1-800-764-4266



Design your Cybertank. Build your empire. Conquer the planet.

SWORDS OF CHAOS



ARE YOU MAD ENOUGH?

Slightly dazed, you awake to find yourself within a strange city. There are people about... most are garbed in armor with weapon in-hand, as if preparing for battle. Territorial markings are visible among the dwellings. Gang members patrol their turf forbidding trespass. The city is being torn apart from the inside. Outside the city stalks the huntress, a fearless warrior with a luring charm. Her informative touch can be deadly.

The Swords of Chaos is an addictive game on a titanic scale. Beginning in a city, the theme is "gang warfare", with fiercely protected territorial rights. The sysop has the ability to build the game further, adding rooms, items and NPC's. Up to 10,000 new and exciting areas can be added to the existing world. Sysop abilities are extensive, and the interactive help system will get even the newest gamer going.

2 user - \$149

8 user - \$249

32 user - \$389

Unlimited - Call

BBS Ready CD's

SimTel (2 disk)	\$15
CICA (2 disk)	\$15
GigaGames	\$17
Science Library	\$25
Best Apps.	\$34
GIFS Galore	\$15
Internet Info	\$19
Garbo	\$19
Emerald Collection	\$19
Games 2 Collection	\$19
Fractal Frenzy	\$19
Source Code	\$19
Space/Astronomy	\$19

* Vendors Welcome

GalactiComm Products

Worldgroup	CALL
The MajorBBS for UNIX	CALL
The MajorBBS 6.25 (2 user)	CALL
User Six-Pack	CALL
The MajorBBS & Six-Pack	CALL
Entertainment Collection	CALL
The Major Database	CALL
Search & Retrieve Option	CALL
Shopping Mall Add-on	CALL
Dial-out Option	CALL
Major Gateway/Internet	CALL
Internet Conn. Option	CALL
Advanced Lan Option	CALL
X.25 Software Option	CALL
GalactiBoard	CALL
GalactiBox (unpopulated)	CALL

Adept Globals

Speak Eazy Chat	\$39
Keystroke Colors	\$19
Macro Powerpak	\$19
Global Notepad	\$19
Ansi Toggle	\$15

UNIX Titles

FreeBSD 2.0	\$24
Linux Plug 'n Play	\$22
Slackware 2.0	\$22

Phone: (800)294-3044



Fax: (502)368-5720

BLAZE TECHNOLOGIES, INC.

PRESENTS...

Mother Lode!

The complete multi-player western game for The Major BBS! The **Mother Lode** is modeled after the mid 1800's in the old west. Win the west with gun fights, Indian wars, saloon brawls, gambling, mining, ranching and more! Sysop configurable worlds! Users can play for credits or just for fun. So saddle up, find the **Mother Lode** and win big!

ONLY \$250 / Unlimited Users

SportsBook!

SportsBook allows your users to show off their "armchair qualifications" by letting them pick their favorite team winners from any sport and for any game. Three exciting games: *SportsCard*, *SportsPool*, and the *SuperBoard*. Sysop configurable game boards. Users can play for credits or just for fun.

ONLY \$95 / Unlimited Users

GAME MONSTER!

Purchase the **GAME MONSTER** and give your BBS the power for users to run 32-bit multi-player VGA **MONSTER** game modules! The **GAME MONSTER** comes with the **MONSTER-TERM** communication software allowing users to experience multi-player video game excitement across the phone lines. The **GAME MONSTER** supports most video and sound cards. Call for pricing and availability on the **GAME MONSTER** and its first module: *MUTANT BEAST* - a killer, first person perspective, multi-player, 3D virtual reality game.

GAME PACK

<i>Tantalizing Tic-Tack-Toe</i>	\$15.00
<i>Fabulous Four In a Row</i>	\$25.00
<i>Cool Checkers</i>	\$35.00
<i>Hot Hangman</i>	\$15.00
GET ALL 4 FOR ONLY	\$55.00

COMMAND PACK

<i>Grand Globals</i>	\$65.00
<i>Wacky Wall</i>	\$15.00
<i>Awesome Actions</i>	\$20.00
<i>Crazy Colors</i>	\$20.00
GET ALL 4 FOR ONLY	\$75.00

Call 1-800-309-5806 AND ORDER TODAY!

FREE DEMOS!
BBS: (605) 341-0037

BLAZE TECHNOLOGIES, INC.
2100 S. 7TH ST. STE. 213
Rapid City, SD 57701

P: (605) 394-5777
F: (605) 394-5738

We gladly ACCEPT VISA, MASTERCARD AND AMERICAN EXPRESS!

Independent Software Vendors

Adept Communications

Phone: 502/367-7888
 Fax: 502/368-5720
 BBS: 502/366-6313
 E-mail: sysop@adeptcom.com

APDI

Phone: 301/449-1400
 Fax: 301/449-1224
 BBS: 301/449-1835

Annex Telecommunications

Phone: 818/779-5646
 Fax: 818/779-5656
 BBS: 818/779-5600
 E-mail: ggooden@annex.com

Banana Programming

Phone: 406/543-1928
 BBS: 406/543-8234
 E-mail: banana@montana.com

Blaze Technologies

Phone: 605/394-5777
 Fax: 605/394-5738
 BBS: 605/343-1103
 E-mail: bpw0232@silver.sdsmt.edu

BSI Technologies

Phone: 305/434-0189
 Fax: 305/434-7116
 BBS: 305/434-5619
 E-mail: info@bsitech.com

Canadian Micro Werks

Phone: 403/456-7355
 BBS: 403/449-6401
 E-mail: wl-apple-mlm@society.com

Cheersoft

Phone: 800/254-3525
 Fax: 908/591-8652
 BBS: 908/972-2387
 E-mail: ilr6864@hertz.njit.edu

CineCom

Phone: 703/680-4733
 Fax: 703/730-1420
 BBS: 703/680-4623

Comupage

Phone: +33/1 48 25 82 00
 Fax: +33/1 48 25 82 15
 BBS: +33/1 48 25 28 38
 E-mail: 100321.2000@compuserve.com

DataSafe Publications

Phone: 505/294-4980
 Fax: 505/294-8225
 BBS: 505/294-1575
 E-mail: sysop@dump.com

David Beyer Products

Phone: 800/775-8571
 Fax: 714/384-8901
 E-mail: softie@gcomm.com

Digital Consulting Services

Phone: 800/899-2002
 Fax: 201/865-4820
 BBS: 201/865-1783
 E-mail: mehrmann@digiconsult.com

Dynamic Computer Sales

Phone: 201/501-0105
 Fax: 201/385-2859
 BBS: 201/439-1468
 E-mail: sysop@tis

East Side Computing

Phone: 206/828-0522
 BBS: 206/889-2428

EDI Software

Phone: 509/467-2077
 Fax: 509/467-2077
 BBS: 509/468-8368
 E-mail: sysop@plx

Excalibur! Software

Phone: 707/588-9602
 BBS: 707/588-8055
 E-mail: jami@partyline.com

EzSoft

Phone: 608/754-5689

Farwest BBS

Phone: 604/370-1763
 Fax: 604/381-6462
 BBS: 604/381-3934
 E-mail: info@farwest.victoria.bc.ca

Foresight Enterprises

Phone: 815/398-0442
 Fax: 815/398-0463
 BBS: 815/398-4678
 E-mail: gatekepr@gte

4Next GT BBS

Phone: 714/956-0660
 Fax: 714/956-1220
 BBS: 714/956-4698
 E-mail: sysop@fornext.com

Hello Central & CPC Software

Phone: 206/889-3562
 BBS: 206/644-1576
 E-mail: wl-salamandr-h-c@society.com

High Velocity Software

Phone: 800/572-5582
 Fax: 602/234-0730
 BBS: 602/222-3000
 E-mail: support@mail.hvs.com

HighWaterMark

Fax: 908/828-0949
 BBS: 908/249-7139
 E-mail: reed@hwm

(continued on page 77)

FREE!

BBS 900™

FREE!

"The Best 900 accounting package for The Major BBS®"

Don't be fooled by the others, we are the only company with experience in the 900 industry since 1989. We pay you for all actual calls to the 900 service, not just for the codes you turn in at the end of the month. We were the first service to offer both a \$10 and a \$25 call for your users. Now we offer the best payout in the industry to qualified sysops!

BBS 900 is the ONLY Service to offer ALL of these Great Features!

Software Features:

- ◆ Complete Accounting System
- ◆ Easy to use for BOTH users and sysops
- ◆ Sell credits, keys, classes, or combinations
- ◆ Sellable items are configurable online so you can offer unlimited options and prices
- ◆ **NEW!** Enhanced Security completely Sysop Configurable (Best in industry!)
- ◆ Complete set of statistics to track usage

900 Service Features:

- ◆ Highest payout in industry for Sysops
- ◆ Monthly payments to Sysops
- ◆ Enhanced Security with Call Restrictions
- ◆ Call Blocking of Bad Callers
- ◆ **NEW!** Direct Sysop access to 900 voice system to verify and match users' codes with phone numbers. This feature alone puts BBS 900 heads above the competition

Easy Sign-up! Call our BBS at 913-663-3366. Download the BBS 900 software. Print out the service agreement, sign it and fax to 913-451-3690 or mail it to **Metropolis Systems 8650 College Blvd. Suite 111 Overland Park, KS 66210**. As soon as we receive it we will notify you on how to activate your account. For more information call our voice line at 913-661-0601. We can be reached on the Internet at BBS900@metpro.metrobbs.com or Mailink at BBS900@MMU.

(continued from page 76)

Infima

Phone: +42/2-3115858
Fax: +42/2-3115820
BBS: +42/2-3122741
E-mail: sysop@infima.cz

Infinetwork

Phone: 301/498-6352
BBS: 301/498-6183

Infinity Software

Phone: 714/895-3238
Fax: 714/895-3238
BBS: 717/898-3236
E-mail: isw@ibbs.com

Infocomm

Phone: 901/372-8266
BBS: 901/372-7335

InterScape Development

Phone: 816/587-3352
Fax: 816/587-3352 #3
E-mail: isd@fileshop.com

Jabberwocky

Phone: 410/945-4845
BBS: 301/498-6183

Logicom

Phone: 800/764-4266
Fax: 305/726-3748
BBS: 305/726-3849
E-mail: sysop@logicom.com

Majorware

Phone: 800/321-3774
BBS: 416/944-9510
E-mail: sysop@mjlw

Master Designs, Inc.

Phone: 417/886-9795
Fax: 417/886-3207
BBS: 417/886-2737
E-mail: sysop@c-m

Metropolis Systems

Phone: 913/661-0601
Fax: 913/451-3690
BBS: 913/663-3366
E-mail: bbs900@metpro.
metprobbs.com

Micro Magic

Phone: 205/971-0751
BBS: 205/971-2762
E-mail: keford@iquest.com

Mountain Rose Multi Media

Phone: +31/1880-33083
Fax: +31/1880-41551
BBS: +31/1880-40035
E-mail: sysop@sterbbs.nl

Murdock Associates

Phone: 813/545-8050
Fax: 813/541-5876
BBS: 813/544-3372

MurkWorks Inc.

Phone: 315/268-1000
Fax: 315/268-9812
BBS: 315/268-6875
E-mail: info@murkworks.com

Online Store

Phone: +41/75-3736677
Fax: +41/75-3736660
BBS: +41/75-3736680

Owen Sound Online Service

Phone: 519/376-4972
Fax: 519/372-0799
BBS: 519/371-5856

Parallax Development

Phone: 403/944-2830
Fax: 403/476-8107
BBS: 403/944-2832
E-mail: sysop@viewline.com

ProDesign, Inc.

Phone: 505/293-9045
Fax: 505/294-8185
BBS: 505/294-8177
E-mail: sclement@abq-ros.com

Public Data Network

Phone: 800/788-4565
Fax: 503/955-1069
BBS: 503/476-6578
E-mail: root@chatlink.com

SilverWare

Phone: 714/583-9641
BBS: 714/454-9242

Sirius Software

Phone: 307/237-0065
Fax: 307/265-4452
BBS: 307/237-2112
E-mail: sirius@gcomm.com

Studio 5 Liguria SRL

Phone: +39/182-540200
Fax: +39/182-543977
BBS: +39/182-556262
E-mail: sales@studio5.it

Tessier Technologies, Inc.

Phone: 305/473-5525
Fax: 305/473-2122
BBS: 305/473-2000

The Business BBS

Phone: 310/477-0593
Fax: 310/477-9475

The Compass Rose

Phone: 916/759-0369
Fax: 916/758-8778
BBS: 916/758-0987

The Labyrinth

Voice: 818/398-9459
BBS: 818/794-0490

TiTanic

Via Buozzi 5
Pavia, Italy I-27100
Phone: +39/382-527893
Fax: +39/382-528074
BBS: +39/382-529121
E-mail: info@titanic.it

Vircom, Inc.

c/o Digital Consulting Services
Phone: 800/899-2002
Fax: 201/865-4820
BBS: 201/865-1783
E-mail: mehrmann@
digiconsult.com

West Coast Creations

Phone: 604/737-0095
Fax: 604/925-7567
BBS: 604/739-3714
E-mail: sysop@dscope.com

Wilderland Software

Phone: 414/486-2417
Fax: 414/486-2416
BBS: 414/486-2400
E-mail: silvah@gcomm.com

Note: ISVs listed here are currently shipping products for Major BBS and Worldgroup Sysops. Listings that appear in color have advertisements in this issue. See page 82 for Advertisers' Index.

West Coast Creations

presents

MajorMUD

Realm of Legends

MajorMUD is the most advanced fantasy role-playing game written for The Major BBS. With 12 races, 15 classes, over 2000 rooms and an ever-expanding universe, your users will be entertained for hours on end. But don't take our word for it, just listen to what one of our many satisfied customers has to say.

"MajorMUD is a real hit on Cyberspace BBS! We have full internet access so our users can play any MUD they want but most of them find MajorMUD to be better. MajorMUD has taken over as our #1 Module!"

Mike Kozicki, Cyberspace BBS

Price: \$600 / \$400 / \$250

Voice (604) 737-0095 14.4 Data (604) 739-3714
Fax (604) 925-7567 28.8 Data (604) 739-3764

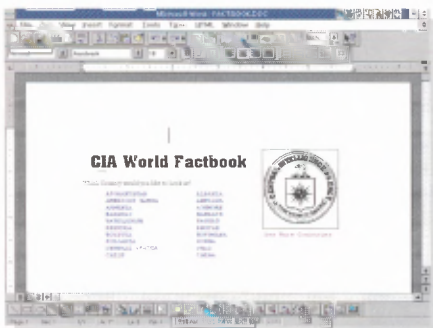
MajorNet Email: Sysop@WCC Internet: dscope.com

Serious Document Retrieval

Multimedia Databases With Full-Text Searching

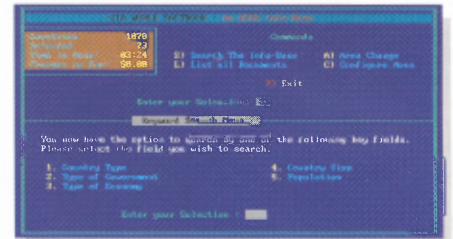
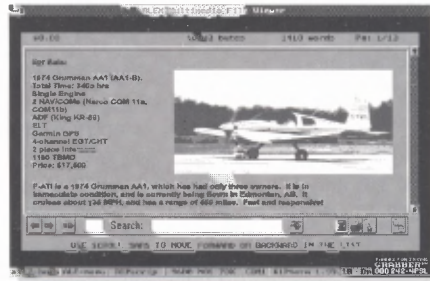


Our new Advanced indexer includes three dictionaries, HTML processing, advanced caches for speed improvements, and improved user interfaces and information displays. Indexing speeds can exceed 20,000BPS!



Our new HTML compatibility gives you the ability to author complex hypertext and photo databases offline using popular windows-based commercial and public domain editors. HTML is the standard of the World Wide Web.

Support for inline objects gives you the ability to create photo databases, or compound documents with spreadsheets, movies, or other objects embedded in them. Online viewing of photos available with several terminal options.



New search features like defined fields and keywords, along with our extensive customization options, give you the ability to create many different database types. Custom question and response options allow you to create your own look-and-feel for each database.

Introducing ALEX, V2.0. The latest update of our popular document retrieval system. ALEX gives you the ability to create databases containing full text, defined fields, photographs, and other compound objects. Alex 2.0 includes HTML document processing for advanced formatting and hypertext database creation. World Wide Web pages can become part of your database. New searches include proximity searches, word-count searches, 'Fuzzy' searches, and the ability to create defined key fields with custom search screens.

ALEX customers come from government, small business, the Fortune 500, and local BBS sysops. ALEX is being used for real-estate, legal databases, government regulation databases, medical databases, Tech-support 'knowledge bases', movie guides, and hundreds of other applications. Why not join the growing list? Order ALEX today!

ALEX 2.0 Features

- Boolean searches
- Proximity and phrase searches
- Soundex, or 'fuzzy' searching
- User-definable fields within documents for keyword searches
- Hypertext linking between documents and within documents
- Support for ANSI, RIP, and client document viewers
- HTML document markup
- FAX interface (with Galacticomm's Fax/Online software)
- Full accounting for commercial databases
- Custom screens for each database
- Lightning-fast searches and indexes. Search thousands of files in under 1 second.
- Optional LAN-based maintenance programs and automated 'clipping service' software
- and MUCH MORE

Order today! Call 1-403-944-2830

Alex v2.0
Document Retrieval System

Parallax
Development Corp

17531 91 St. • Edmonton, AB CAN T5Z 2M1
(403) 944-2830 • Fax: (403) 476-8107 • BBS: (403) 944-2832

Dataview v2.0

Sysop Statistics and Utilities

If you run a commercial BBS, you need Dataview. Dataview provides the information you need to intelligently and efficiently operate your BBS system. In addition, Dataview provides many helpful utilities to aid in running your BBS.

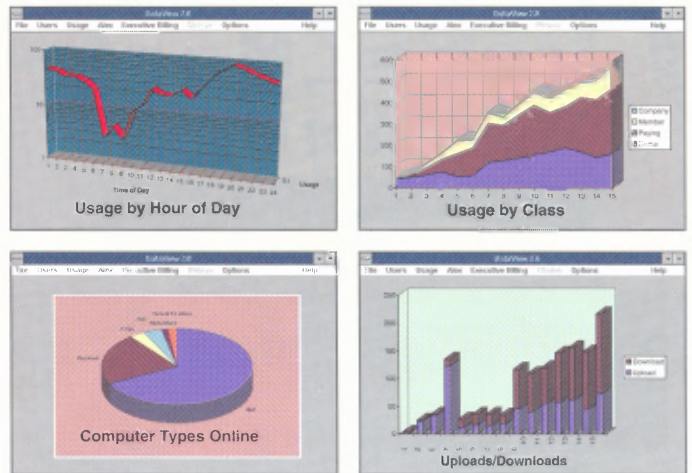
Reports

- Usage by time of day
- Usage by channel
- Usage by channel group
- Usage by class
- Usage by module
- Changes in demographics
- Daily upload/download charts
- E-mail usage
- Account creation/deletion histories
- And MUCH MORE!

Charts and Utilities

- Pie Charts
- Line/Bar graphs
- Btrieve Utilities
 - Clone Databases
 - Copy/Recover
 - Database Statistics
 - .DDF exports to Windows databases
- Mass E-mail by special categories
- And MUCH MORE!

\$189.00



Other Major BBS Add-ons



The Keyrack

The Keyrack uses The Major BBS's lock and key system to implement a complete multi-structured pay system for your BBS. The Keyrack lets you build keys that expire after a fixed period of time. This allows you to have 'premium' services on your BBS and automate payment for them. Keys that are defined through the Keyrack can be attached to menu choices for auto-

payment, or they can be selected from menus or automatically assigned based on the user's age, automating 'adult' BBS access. The Keyrack will do a complete monthly reporting of key usage.

Only \$129.00



STAN

Who's STAN? What's he doing in the teleconference? Why do BBS members love him so much (and freeloaders HATE him so much?). Simple. Stan's a hard-working guy who lives in the teleconference, and keeps things in order. If he needs, he knocks a few heads. But always, always, he keeps your users laughing and PAYING.

Buy him coffee, and Stan will:

- Log off guests who have been on the longest when the system fills up.
- Allow you to control access by time of day. Set up member-only times, Adult-only times, etc. Add flexibility to your system!
- Joke with people, answer whispers, make stupid comments, and give some good-natured ribbing to those who need it most.
- Allow paying users to hold votes to kill guests who are being the most annoying. (Stan's a democratic kinda guy).
- Allow you to change hundreds of his comments to personalize him for your system.

**** Only \$99.00 ****



iNfInItY CoMPLeX \$400.00

Infinity Complex...One of the most popular "adventure-style" games for The Major BBS. Infinity Complex (IC) offers users the chance to interact in a weird, futuristic "Complex" controlled by a slightly-crazed computer named MASTER CONTROL. Within the game, players can talk with each other, shoot one another, join forces against the enemy, develop special strategies to increase their powers, and add their own personal touches to the game. The setting the players do all this in is "Infinity Complex", which is composed of hundreds of rooms linked to one another. Corridors and shafts offer easy and quick travel, but increased exposure and the possibility of ambush. Of course, they have to be careful not to step too lively, because some of the holes are rather deep...As usual in adventure games, there are a variety of items to be found and used...lasers, explosives, jetpacks, and other gadgets that can be used for good or ill.

BBS Consulting Services

We've been running BBS systems since 1979, and have been writing software for The Major BBS since 1987. If you need help with your BBS needs, please give us a call. Our services include screen design, software setup, evaluation, and custom development, market consulting, performance analysis, and just about anything else having to do with a BBS. Custom software development is available on an hourly basis or a straight fee per project. Firm written estimates are available for all projects.

Alex Utilities

Alex/Clip \$249.00

A professional clipping service for your BBS. Alex/Clip allows your users to store searches that will be applied to all documents as they enter the Alex database system. If a document is found, your users will have the option of having notification by E-mail, or if you have Fax/Online you can have a notification Faxed to your customer immediately, or have the document faxed immediately. Configurable subscription rates, document and fax charges. Alex/Clip and Alex together are a world beater in online information services!

Alex/WP \$199.00

WordPerfect filters for Alex. Alex/WP allows you to store documents in native WordPerfect format, with all text formatting in place. Tabs and screen positioning will show in Alex's online document viewer. If you have large collections of WordPerfect files, you need Alex/WP!

Alex/LAN \$299.00

For those who need instant, automated document updating, Alex/LAN is what you need. Alex/LAN is an enhanced text indexer/updater that can run on a separate machine from your BBS, scanning directories on any machine on your LAN and updating your documents in real time. Alex/LAN can also be configured to modify or delete files at certain hours or days of the month, automating your archiving process.

Document Services

Parallax has complete facilities for processing documents and creating databases. We can offer 24-bit color scanning, OCR work, graphics development, image editing, screen designs, and custom programming to support your document needs. Please feel free to call or write for quotes.

All Parallax software comes with a 30 day money-back guarantee. Shipping available overnight VIA Federal Express.



Parallax

Development Corp



Spin the wheel, guess letters, solve the phrases before your opponent! **Only...\$99**

Features

- Fully Rip'd!
- 1000 Phrases!
- Online/Offline phrase editors included!
- Full user interaction!
- High score tracking, credit prizes, competition or long play modes (all configurable)

Pacdule ...ANSI Only...\$79
Arcade game at its best

Features

- Full ANSI Screen
- Arcade style action
- Game progressively gets tougher as you clear levels
- Keeps track of high scores
- Has all the features of the original, intelligent ghosts, prizes, power pellets...

Master of Minds Only...\$49

Can you solve the computer puzzle?

Features

- ✓ Talk lounge for multi-user chat
- ✓ Game progressively gets tougher
- ✓ Credit prizes may be awarded
- ✓ Keeps track of high scores

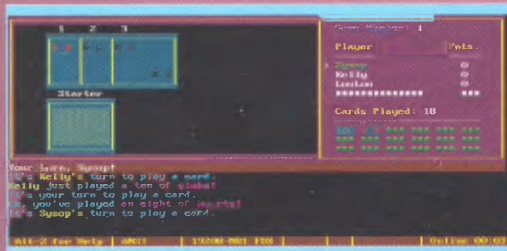
ALL THREE FOR ONLY...\$169
BONUS! TRIPLE-PAK
You Save \$58
Includes the 3 games mentioned above!
(Wheel of Fame, Master of Minds and Pacdule)

MUTANTS

Price now reduced!

This very popular game for The Major BBS has been reduced to **Only \$199**

- 25,000 rooms to wander through
- Over 250 different monster classes
- Over 500 different items
- Five player classes to choose from, build them up separately or all at once!
- 79 years of "time travel"
- Establish stores, stock your items, mark them up and make a profit!
- Over 20 spells to earn!
- Over 15,000 players world wide!
- Offline MAP/ITEM editors, 700+ CNF options, and loads of On-line SYSOP commands to give you the greatest versatility! And, Much, much more...!



CRIB Only...\$99

THE CLASSIC CARD GAME COMES TO THE MAJOR BBS

Features

- Multi-player card game
- Players can play multiple games at once in real time with other players, or just take turns over a period of time
- Keeps track of best players
- Options to control point settings for competition style play

PQM - The Ultimate Matchmaker
Now Only...\$99

- Create unlimited amount of questionnaires
 - Text based/multiple choice answers can be easily configured
 - Global matching to other users from anywhere on the BBS!
 - Each questionnaire can have various security levels...Block out underaged users
 - Ability for anonymous answering of questionnaires (configurable per questionnaire)
- ✉ Send secret love letters to **BOX** numbers (configurable per questionnaire)



WAKEUP!

A Wakeup Service for your BBS!
A great service to offer users for **Only...\$79**

- Wakeup will use an available outgoing line on your BBS to call a user's telephone number
- Users tell Wakeup when and what time to call
- Surcharge users for every wakeup call placed
- Lock out long distance, or special numbers (configurable online)

SYSEAZY 10 Features in 1 **Only...\$169**
Syseazy does the following (all in 1 DLL)

Cardshop, Global Actions, Advanced Credit Transfers, Global Chat, Cloaking Device, Password Security, Global Password Changer, Credit Advance, Credit Card Acceptor, Userid Changer, Certificates, Lucky Charms, User Class Switcher, Voter, Announcer, Celebration, Low on Credits/Days Warner, Module Surcharge, Channel Blaster

- Most commands can be accessed via global commands
- All options may be configured - i.e: ON/OFF, credits to charge, key/class restriction, etc...Over 350+ CNF Options!

Majorware Inc.

Toll Free (800) 321-3774
BBS (416) 921-0522
FAX (416) 967-6075

Designing successful icons

(continued from page 11)

best to provide a simple image strongly associated with the concept it represents, or to combine familiar images in a simple way. For instance, an envelope icon is easily recognized as representing mail.

Recognize them

Once users learn an icon, they need to recognize it, and recall its meaning. Users will associate an icon more easily if the image is associated with aspects of the concept it represents.

The image should cause the users to remember related sounds, words, or even emotions. As an example, Worldgroup Manager uses a megaphone to represent the process of paging a user.

Search for them

An applications toolbar and Worldgroup Manager's menu pages are two examples of situations where a user needs to select a specific icon from among others. If the image is distinct, users can quickly locate the icon the next time they log on.

Activate them

To activate an icon, users generally point to it with the mouse and click or

double-click on the image. When you design the icons, use a consistent method for activating them (click once with the left mouse button, double-click, etc.). If you're not consistent, the application becomes confusing to use.


In addition, a number of other factors can contribute to the success of your icons. As you design icons, ask yourself these questions:

- Is the icon understandable and unambiguous?
- Does it represent only one concept?
- If other icons are similar in appearance, is this one distinct enough to be recognized?
- Is the icon memorable? Can parts of it be improved so the user will remember it better?
- Is the icon's design coherent? Is it a single, unified image, or is it a collection of points, lines, and shapes?
- Is the icon's image familiar? Does it use a familiar object? If the concept being represented is complex, will the icon become familiar once it's learned?

- Are the icon's elements clear?
- Should line thickness or color be adjusted?
- Is the icon as simple and compact as possible? Can the same information be conveyed with fewer visual elements or in a smaller space?
- Is the icon visually appealing? Does it avoid ragged edges and angles? Is it balanced? Do the parts of it flow together well?

There's quite a lot more to designing icons than this article has discussed. One source of good information is *The Icon Book*, by William Horton (John Wiley & Sons, Inc., New York, NY, 1994). It discusses the concepts in this article in much greater detail.

Also, for some concrete examples, take a look at Worldgroup to see how we implemented our own icons.

Remember, in a graphical environment, icons are one of the most important aspects of any application. With a little effort and good graphics, you can add some real sizzle to your online service! 

KRONQUEST Chapter one: The Mission

Many time ago, before the creation of all the known worlds, there were only the Gods and the nothingness. The Gods lived in harmony among them, except two brothers, Kron and Heyann, as strong as different in the heart.

The Gods were worried for this rivalry and they feared the beginning of an endless war. Kron was noble and generous, proud of his status and loyal with all. Heyann was the essence of perfidiousness and didn't tolerate either the brother's presence or the great consideration for him of the other Gods. So when the Divine Supreme Council decided to begin the creation, elected Kron as their champion. Heyann, corrupted by jealousy, flew away sworing war, famine, desolation in all the new worlds. After centuries of struggles, the good and the evil were perfectly balanced in all the universe, only in the world named Anaryn this balance was precarious. Was here that the final clash begin.

Kron and Heyann engaged a bloody battle for many years, until Kron was able to trap Heyann's soul in a force field in the Tower of Fate, but also Kron underwent a great stroke. In fact Heyann, before the capture, was able to dispel the soul of the hated brother. So the entire universe fell in a period of deep confusion in which the good and evil armies engaged hundred battles. In the meanwhile Starsha le Feye, fay of the lake and faithful follower of Kron, tried to bring back to life her God, regenerating his soul in the wonderful gems.

But the force field began to flapping and Geyhash, Heyann's pupil and powerful lich, succeeded to pull out Starsha and to steal the gems with the objective to destroy them. The Anaryn world and the entire universe are now in a great danger, if the force field, named the prohibition, will collapse, Heyann will be free and the evil will have the windward, is for this reason that by many years all the universe is waiting the arrive of a great champion, so strong to recover the gems and to regenerate the force field.

Till now, unfortunately, it was a vain waiting ...

Immerse yourself in this magic adventure composed of 1131 locations and facing the great and incredible monsters populating the Anaryn world, but beware ... don't loose yourself.

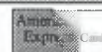


TiTanic.TiTanic

e-mail: info@titanic.it

WWW: http://www.titanic.it

Via Buozzi 5 - 27100 Pavia - Italy



Phone: +39-382-525272 Fax: +39-382-528074 BBS: +39-382-529121

Advertisers' Index

Adept Communications	74
Annex Telecommunications	53
Banana Programming	38
Blaze Technologies	75
BSI Technologies	34,46,48,57
Canadian Micro Werks	45
Cheersoft	28,70
CineCom	27
Comupage	36
DataXchange	11
DataSafe Publications	42,43,69
David Beyer Products	60
Digital Consulting Services	29,54,55
EC Computer Services	39
Emerge	22
Farwest BBS	23
Foresight Enterprises	56
Hello Central	82
High Velocity Software	8,9,41
IMBBSA	63
Infima	67
Infinetwork	16
InterScape Development	47
Jabberwocky	68,73
Logicom	64,65
Majorware	18,80
MarketSpace	17
Master Designs	66
Metropolis Systems	76
Micro Magic	19
Mountain Rose Multi Media	12,35,44
Murdock Associates	49
MurkWorks	13
Online Store	33,52
Parallax Development	78,79
ProDesign	2,26,58,59
Public Data Network	24,25,61
Servicio Total en Computación	51
Sirius Software	20,21
Studio 5 Liguria SRL	71
Supra Corporation	40
Synergistic Networks	10
Sysop News	14
Tessier Technologies	30,31,83
The Business BBS	5,62
The Genesis Network	50
The Labyrinth	32
TiTanic	81
Vircom	15
West Coast Creations	77
Wilderland Software	72

Specialized online solutions

(continued from page 51)

interactivity, and even Internet services. This solution can offer an open architecture with ease of configuration, customization, management, and change. Remember, flexibility is important for growth. You should always build a network or online system with growth in mind because your system or network will gain users and expand.

If you are turning to a consultant or in-house employee to bring your vision online, this representative should have the necessary exposure or experience to be subjective and open-minded to a variety of solutions. To ensure your investment, be sure he has experience with online service software, telecommunications (T1, X.25, etc.), Internet application development, networking (Novell, FDDI, etc.), project management/development, vendor solicitation and subcontracting, and MS-DOS.

If you think this individual sounds hard to find, you're right! It takes a specialized set of skills to integrate an online solution. But qualified system integrators are out there. Individuals with these skills will be able to appropriately analyze the market and deliver an online solution that meets your business needs.

Galacticomm's VAR/ISV community

It doesn't have to be so hard. We have an excellent community of independent software vendors and service providers for our platforms. Many of our VARs/ISVs have the perfect mix of qualities you should look for in a solution provider. In fact, we use this community on a regular basis to help bring together online solutions for businesses.


In an effort to provide a comprehensive spectrum of services to you — as well as support for our VARs and ISVs — we are developing strategic business

partnerships. These programs have specific guidelines and policies, so you are guaranteed the quality of the work and the delivery of the final product. Through these programs, some of the best online solution resources are available. For example:

Training — NIS offers both classroom and on-site training. There are three specialized classes available for every level of system administration knowledge: beginning, intermediate, and advanced. On-site training can be personalized and is provided by NIS directly or appropriate business partners that meet your needs. Classroom training is offered through a strategic partnership with BSI Technologies, Inc.

Operations House — NIS can not only plan and integrate your online system, we can also run and operate it for you. This service can eliminate the staffing, technical support, telecommunications, and hardware concerns when operating an online system. This service is available through our partnership with Application Programming and Development, Inc. (APDI).

We haven't stopped here. We are currently talking to other software companies, integration teams, and service providers, as well as exploring relationships with other service bureaus. We have also taken steps to deliver on-site training and consulting services on an international level.

If you are looking for an online solution, take the necessary steps to educate yourself. The resources needed to be successful are out there and available to you. If you have any questions or are interested in NIS services, call us today at 305-583-5990 or send e-mail to nisd@gcomm.com. 

EVERYBODY LOVES TRIVIA!

Get an EXCEPTIONAL game at an AFFORDABLE price

**Hello
Central
Software**

"Against-the-Clock"
— TRIVIA —

(206) 889-3562

PO BOX 2011, Bellevue WA 98009

\$69.00 - includes shipping USA and 30-day guarantee
Not sure? Try a DEMO - call our BBS (206) 644-1576
Log on as "TRIVIA" -p/w "TRIAL" ..go to ACTRIVIA forum

MAJOR BBS SOFTWARE

Best Prices In The West!
Hardware / Software / Consulting
Total Business Solutions!



medcom information systems, inc.
446 s. anaheim hills rd, ste 102
anaheim hills, ca 92807
phone: 800-218-5157
e-mail: medcom@liberty.com
<http://www.liberty.com/medcom.html>



**X.25 & Internet
\$750/Month - 56K**

Requires 56K Frame Relay Connection
Via Sprint

**X.25
\$400/Month - 56K**

Requires 56K Frame Relay
Connection Via Sprint

**Internet Access
\$350/Month - 56K**

Requires 56K Frame Relay
Connection Via Sprint

**TIA
SLIP Software
for Unix
\$470.25 - 8 User**

**Authorized Dealer for
ICO & Major TCP/IP**



**Linux Slackware V2.1
\$39.95
SPECIAL
till June 1, 1995**

Features

- Telnet, Rlogin, FTP
- Finger Client/Server
- WWW HTML Server
- 32, 64 or 255 TCP Sessions
- RLogin-Plus for Unix Application
- Distributed MBBS Architecture
- On Over 250 Major BBSes
- 4K Low Memory Footprint
- Ethernet ODI & Packet Driver
- Slip Supported (with restrictions)

Major TCP/IP \$700.00

**TESSIER
TECHNOLOGIES**

Orders Call: 1-800-473-3177

1876 NORTH UNIVERSITY DRIVE, SUITE 200 • PLANTATION, FL 33322

VOICE: 305-473-5525 FAX: 305-473-2122 BBS: 305-473-2000 TELNET: HS.WISENET.COM IP: 198.69.101.2



Professional Developer's Group



PDG Members

DATASAFE PUBLICATIONS, INC.
3301 Juan Tabo NE, Suite 113
Albuquerque, NM 87111

800-870-0004 Orders
505-294-4980 Voice
505-294-8225 Fax
505-294-1575 BBS

SIRIUS SOFTWARE
1049 Cardiff St.
Casper, WY 82609

307-237-0065 Orders
307-265-4452 Fax
307-237-2112 BBS

HIGH VELOCITY SOFTWARE, INC.
PO BOX 33455
Phoenix, AZ 85067-3455

800-572-5582 Orders
602-234-2207 Voice
602-234-0730 Fax
602-222-3000 BBS

When you buy from a PDG member, you can count on:

30 Day Money Back Guarantee
Prompt Shipping of all Orders
Well Documented Software

Quality Products
Response to Bug Reports
"One-Stop" Shopping

Professional Implementation
Reliable Products
Full Time, Knowledgeable

Galacticomm, Inc.
4101 SW 47th Avenue • Suite 101
Fort Lauderdale, FL • 33314